NewgenONE OmniDocs RMS

Developer Guide

Version: 5.0

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Contents

Preface **25**
Revision history 25
About this document 25
Intended audience 25
Related documents 26
Documentation feedback 26
Introduction to Record Management System **27**
Classification of calls **28**
Class 28
NGRM_CreateClass 28
Sample request 29
Request parameter description 30
Sample response 34
Response parameter description 35
Errors and warnings 38
NGRM_DeleteClass 38
Sample request 39
Request parameter description 39
Sample response 41
Response parameter description 42
Errors and warnings 43
NGRM_GetClassProperties 43
Sample request 43
Request parameter description 44
Sample response 45
Response parameter description 46
Errors and warnings 49
NGRM_SetClassProperties 50
Sample request 50
Request parameter description 52
Sample response 56
Response parameter description 57
Error and warnings 60
File 60
NGRM_CreateFile 60
Sample request 60
Request parameter description 61
Sample response 65
Response parameter description 66
Errors and warnings 69
NGRM_DeleteFile 70

Sample request 70
Request parameter description 71
Sample response 72
Response parameter description 73
Errors and warnings 74
NGRM_CloseFile_Input 74
Sample request 74
Request parameter description 75
Sample response 75
Response parameter description 75
Errors and warnings 76
NGRM_ReOpenFile_Input 76
Sample request 76
Request parameter description 77
Sample response 77
Response parameter description 78
NGRM_GetFileProperties 78
Sample request 78
Request parameter description 79
Sample response 79
Response parameter description 81
Errors and warnings 85
NGRM_SetFileProperties 85
Sample request 85
Request parameter description 86
Sample response 95
Response parameter description 96
Errors and warnings 100
NGOChangeFolderProperty 100
Sample request 100
Request parameter description 100
Sample response 103
Response parameter description 104
Errors and warnings 106
Filepart 106
NGRM_GetOpenFilePart 107
Sample request 107
Request parameter description 107
Sample response 108
Response parameter description 108
Errors and warnings 108
NGRM_CreateFilePart 108
Sample request 108
Request parameters description 109
Sample response 112
Response parameters description 113

Errors and warnings ... 116
NGRM_DeleteFilePart ... 117
Sample request ... 117
Request parameter description ... 118
Sample response ... 119
Response parameter description ... 120
Errors and warnings ... 121
NGRM_GetFilePartProperties ... 121
Sample request ... 121
Request parameter description ... 121
Sample response ... 122
Response parameter description ... 124
Errors and warnings ... 128
NGRM_SetFilePartProperties ... 128
Sample request ... 128
Request parameter description ... 130
Sample response ... 133
Response parameter description ... 136
Errors and warnings ... 139
NGRM_CloseFilePart ... 140
Sample request ... 140
Request parameter description ... 140
Sample response ... 141
Response parameter description ... 141
Errors and warnings ... 142
NGRM_ReOpenFilePart ... 142
Sample request ... 142
Request parameter description ... 143
Sample response ... 144
Response parameter description ... 144
Errors and warnings ... 144
NGRM_PutInBox ... 145
Sample request ... 145
Request parameter description ... 145
Sample response ... 146
Response parameter description ... 146
Errors and warnings ... 146
NGRM_RemoveFromBox ... 146
Sample request ... 147
Request parameter description ... 147
Sample response ... 148
Response parameter description ... 148
Errors and warnings ... 148
NGRM_SuspendReleaseFilePart ... 148
Sample request ... 148
Request parameter description ... 149

Sample response 150
Response parameter description 150
Errors and warnings 151
File Part Numbering 151
NGRM_CreateFileNumScheme 151
Sample request 151
Request parameter description 152
Sample response 155
Response parameter description 156
Errors and warnings 157
NGRM_DeleteFileNumScheme 157
Sample request 157
Request parameter description 157
Sample response 159
Response parameter description 159
Errors and warnings 159
NGRM_GetFileNumSchemeProperties 159
Sample request 160
Request parameter description 160
Sample response 162
Response parameter description 162
Errors and warnings 163
NGRM_SetFileNumSchemeProperties 164
Sample request 164
Request parameter description 164
Sample response 167
Response parameter description 168
Errors and warnings 169
NGRM_GetListOfFileNumSchemes 170
Sample request 170
Request parameter description 170
Sample response 172
Response parameter description 173
Errors and warnings 174
Record 174
NGRM_CreateDocument 174
Sample request 174
Request parameter description 175
Sample response 184
Response parameter description 186
Errors and warnings 190
NGRM_CreateDocumentFromFile 190
Sample request 190
Request parameter description 191
Sample response 191
Response parameter description 191

Errors and warnings 191
NGRM_MakeRecord 191
Sample request 191
Request parameter description 192
Sample response 192
Response parameter description 193
Errors and warnings 193
NGRM_DeleteRecord 193
Sample request 194
Request parameter description 194
Sample response 195
Response parameter description 196
Errors and warnings 196
NGRM_GetRecordProperties 196
Sample request 196
Request parameter description 196
Sample response 198
Response parameter description 198
Errors and warnings 200
NGRM_GetUnAuthorizedRecordProperties 200
Sample request 200
Request parameter description 200
Sample response 201
Response parameter description 201
Errors and warnings 201
NGRM_SetRecordProperties 201
Sample request 201
Request parameter description 202
Sample response 207
Response parameter description 209
Errors and warnings 211
NGRM_SuspendReleaseRecord 211
Sample request 211
Request parameter description 212
Sample response 213
Response parameter description 214
Errors and warnings 214
NGRM_ChangeVitalStatus 214
Sample request 214
Request parameter description 215
Sample response 215
Response parameter description 216
Errors and warnings 216
NGRM_ChangeFilePart 216
Sample request 216
Request parameter description 217

Sample response 217
Response parameter description 218
Errors and warnings 218
NGRM_GetRecordList 218
Sample request 219
Request parameter description 219
Sample response 221
Response parameter description 225
Errors and warnings 227
NGRM_SearchRecord 227
Sample request 227
Request parameter description 227
Sample response 229
Response parameter description 229
Errors and warnings 234
NGRM_FileDocumentToFilePlan 234
Sample request 234
Request parameter description 235
Sample response 235
Response parameter description 235
Errors and warnings 235
NGRM_SearchRecordExt 235
Sample request 235
Request parameter description 235
Sample response 245
Response parameter description 245
Errors and warnings 252
NGRM_DeleteRecordImage 252
Sample request 252
Request parameter description 252
Sample response 253
Response parameter description 253
Errors and warnings 253
NGRM_CreateRecordVersion 253
Sample request 253
Request parameter description 253
Sample response 254
Response parameter description 254
Errors and warnings 256
NGRM_DeleteRendition 256
Sample request 256
Request parameter description 256
Sample response 258
Response parameter description 258
Errors and warnings 258
NGRM_CreateRendition 259

Sample request ... 259
Request parameter description ... 259
Sample response ... 260
Response parameter description ... 260
Errors and warnings ... 261
NGRM_GetListOfRenditions ... 261
Sample request ... 261
Request parameter description ... 262
Sample response ... 262
Response parameter description ... 263
Errors and warnings ... 263
NGRM_DeleteSupplementalMarking ... 264
Sample request ... 264
Request parameter description ... 264
Sample response ... 265
Response parameter description ... 266
Errors and warnings ... 266
NGRM_CreateSupplementalMarking ... 266
Sample request ... 266
Request parameter description ... 267
Sample response ... 269
Response parameter description ... 269
Errors and warnings ... 269
FilePlan ... 270
NGRM_SearchFilePlan ... 270
Sample request ... 270
Request parameter description ... 272
Sample response ... 276
Response parameter description ... 284
Errors and warnings ... 288
NGRM_GetFilePlanList ... 288
Sample request ... 289
Request parameter description ... 289
Sample response ... 292
Response parameter description ... 295
Errors and warnings ... 299
NGRM_GetRMObjectType ... 299
Sample request ... 299
Request parameter description ... 300
Sample response ... 301
Response parameter description ... 301
Errors and warnings ... 301
Location and Box ... 302
Location ... 302
NGRM_CreateLocation ... 302
Sample request ... 302

Request parameter description 303
Sample response 306
Response parameters description 307
Errors and warnings 308
NGRM_DeleteLocation 308
Sample request 309
Request parameter description 309
Sample response 310
Response parameter description 310
Errors and warnings 310
NGRM_GetLocationProperties 311
Sample request 311
Request parameter description 311
Sample response 312
Response parameter description 313
Errors and warnings 314
NGRM_SetLocationProperties 315
Sample request 315
Request parameter description 316
Sample response 319
Response parameter description 320
Errors and warnings 321
NGRM_GetListOfLocations 321
Sample request 322
Request parameter description 322
Sample response 323
Response parameter description 325
Errors and warnings 326
NGRM_GetLocationIDForName 326
Sample request 327
Request parameter description 327
Sample response 328
Response parameter description 328
Errors and warnings 328
NGRM_SearchLocation 328
Sample request 328
Request parameter description 329
Sample response 330
Response parameter description 331
Errors and warnings 332
Box 333
NGRM_CreateBox 333
Sample request 333
Request parameter description 334
Sample response 336
Response parameter description 336

Errors and warnings ... 338
NGRM_DeleteBox ... 338
Sample request ... 338
Request parameter description ... 338
Sample response ... 339
Response parameter description ... 339
Errors and warnings ... 340
NGRM_GetBoxProperties ... 340
Sample request ... 340
Request parameter description ... 341
Sample response ... 341
Response parameter description ... 342
Errors and warnings ... 343
NGRM_SetBoxProperties ... 344
Sample request ... 344
Request parameter description ... 345
Sample response ... 347
Response parameter description ... 348
Errors and warnings ... 349
NGRM_GetListOfBoxes ... 349
Sample request ... 349
Request parameter description ... 350
Sample response ... 352
Response parameter description ... 354
Errors and warnings ... 355
NGRM_MoveBox ... 356
Sample request ... 356
Request parameter description ... 356
Sample response ... 357
Response parameter description ... 357
Errors and warnings ... 357
NGRM_LockUnlockBox ... 357
Sample request ... 357
Request parameter description ... 359
Sample response ... 360
Response parameter description ... 361
Errors and warnings ... 361
NGRM_SearchBox ... 361
Sample request ... 361
Request parameter description ... 361
Sample response ... 363
Response parameter description ... 365
Errors and warnings ... 366
CutOff Rule ... 366
NGRM_CreateCRRule ... 366
Sample request ... 366

Request parameter description 367
Sample response 371
Response parameter description 371
Errors and warnings 373
NGRM_DeleteCRRule 373
Sample request 373
Request parameter description 373
Sample response 375
Response parameter description 375
Errors and warnings 375
NGRM_GetCRRuleProperties 375
Sample request 375
Request parameter description 375
Sample response 377
Response parameter description 378
Errors and warnings 379
NGRM_GetCRRuleList 380
Sample request 380
Request parameter description 380
Sample response 380
Response parameter description 381
Errors and warnings 381
NGRM_SetCRRuleProperties 381
Sample request 381
Request parameter description 382
Sample response 386
Response parameter description 387
Errors and warnings 388
NGRM_GetListOfCRRules 389
Sample request 389
Request parameter description 389
Sample response 392
Response parameter description 393
Errors and warnings 394
NGRM_IsReadyForCutOff 394
Sample request 394
Request parameter description 394
Sample response 394
Response parameter description 396
Errors and warnings 396
NGRM_GetEventProperties 396
Sample request 396
Request parameter description 396
Sample response 398
Response parameter description 398
Errors and warnings 398

NGRM_CreateEvent ... 399
Sample request ... 399
Request parameter description ... 399
Sample response ... 402
Response parameter description ... 402
Errors and warnings ... 404
NGRM_DeleteEvent ... 404
Sample request ... 404
Request parameter description ... 404
Sample response ... 406
Response parameter description ... 406
Errors and warnings ... 407
NGRM_GetListOfEvents ... 407
Sample request ... 407
Request parameter description ... 407
Sample response ... 409
Response parameter description ... 411
Errors and warnings ... 412
Retention Rule ... 412
NGRM_CreateRetentionRule ... 412
Sample request ... 412
Request parameter description ... 413
Sample response ... 415
Response parameter description ... 415
Errors and warnings ... 417
NGRM_DeleteRetentionRule ... 417
Sample request ... 417
Request parameter description ... 417
Sample response ... 419
Response parameters description ... 419
Errors and warnings ... 420
NGRM_GetRetentionRuleProperties ... 420
Sample request ... 420
Request parameter description ... 420
Sample response ... 421
Response parameters description ... 422
Errors and warnings ... 423
NGRM_GetRetentionRuleList ... 423
Sample request ... 423
Request parameter description ... 423
Sample Response ... 425
Response parameters description ... 427
Errors and warnings ... 428
NGRM_SetRetentionRuleProperties ... 428
Sample Request ... 428
Request parameter description ... 429

Sample Response 430
Response parameters description 432
Errors and warnings 433
NGRM_GetItemsForRetProc 433
Sample Request 433
Request parameters description 433
Sample Response 435
Response parameters description 435
Errors and warnings 435
NGRM_DefinePhases 435
Sample Request 435
Request parameters description 435
Sample Response 438
Response parameters description 438
Errors and warnings 439
NGRM_SetPhaseProperties 439
Sample Request 439
Request parameters description 439
Sample Response 441
Response parameters description 441
Errors and warnings 442
NGRM_DeletePhases 442
Sample Request 442
Request parameter description 443
Sample Response 443
Response parameter description 443
Errors and warnings 443
NGRM_GetPhaseProperties 443
Sample Request 443
Request parameter description 443
Sample Response 445
Response parameter description 445
Errors and warnings 445
NGRM_GetListOfPhases 445
Sample Request 446
Request parameter description 446
Sample Response 448
Response parameter description 450
Errors and warnings 451
NGRM_GetRecordsForRetProc 451
Sample Request 451
Request parameters description 452
Sample Response 452
Response parameters description 453
Errors and warnings 453
Storage Rule 453

NGRM_CreateStorageRule ... 453
Sample request ... 454
Request parameter description ... 455
Sample response ... 460
Response parameter description ... 461
Errors and warnings ... 463
NGRM_DeleteStorageRule ... 463
Sample request ... 463
... 463
Request parameter description ... 463
Sample response ... 465
Response parameter description ... 465
Errors and warnings ... 465
NGRM_GetStorageRuleProperties ... 465
Sample request ... 465
Request parameter description ... 465
Sample response ... 467
Response parameter description ... 468
Errors and warnings ... 469
NGRM_GetStorageRuleList ... 469
Sample request ... 469
Request parameter description ... 469
Sample response ... 469
Response parameter description ... 472
Errors and warnings ... 472
NGRM_SetStorageRuleProperties ... 472
Sample request ... 472
Request parameter description ... 474
Sample response ... 476
Response parameter description ... 477
Errors and warnings ... 479
NGRM_GetItemsForStorageProc ... 479
Sample request ... 479
Request parameter description ... 479
Sample response ... 479
Response parameter description ... 479
Errors and warnings ... 479
Report ... 479
NGRM_GenerateReport ... 479
Sample request ... 479
Request parameter description ... 481
Sample response ... 483
Response parameter description ... 484
Errors and warnings ... 485
NGRM_GenerateOverdueReport ... 485
Sample request ... 485

Request parameter description 485
Sample response 489
Response parameter description 489
Errors and warnings 490
NGRM_GenerateBorrowerReport 490
Sample request 490
Request parameter description 492
Sample response 493
Response parameter description 493
Errors and warnings 495
Transfer Request 495
NGRM_GenerateTransferRequest 495
Sample request 495
Request parameter description 495
Sample response 501
Response parameter description 502
Errors and warnings 503
NGRM_AddItemToTransferRequest 503
Sample request 503
Request parameter description 504
Sample response 504
Response parameter description 504
Errors and warnings 505
NGRM_DeleteItemFromTransferRequest 505
Sample request 505
Request parameter description 505
Sample response 506
Response parameter description 506
Errors and warnings 506
NGRM_GetTransferRequestProperties 506
Sample request 506
Request parameter description 506
Sample response 507
Response parameter description 507
Errors and warnings 508
NGRM_DeleteTransferRequest 508
Sample request 508
Request parameter description 508
Sample response 511
Response parameter description 511
Errors and warnings 511
NGRM_SetTransferRequestProperties 511
Sample request 511
Request parameter description 513
Sample response 513
Response parameter description 513

Errors and warnings 514
NGRM_GetListOfTransferRequests 514
Sample request 514
Request parameter description 514
Sample response 516
Response parameter description 517
Errors and warnings 517
NGRM_GetListOfRecordsHeldWithUser 517
Sample request 517
Request parameter description 517
Sample response 518
Response parameter description 518
Errors and warnings 519
NGRM_GetListOfFilePartsHeldWithUser 519
Sample request 519
Request parameter description 519
Sample response 521
Response parameter description 521
Errors and warnings 521
NGRM_GetRequesteeDetails 521
Sample request 521
Request parameter description 522
Sample response 522
Response parameter description 522
Errors and warnings 523
NGRM_GetListOfTransferRequestItems 523
Sample request 523
Request parameter description 523
Sample response 526
Response parameter description 531
Errors and warnings 532
NGRM_GenerateTransferNote 532
Sample request 532
Request parameter description 532
Sample response 537
Response parameter description 537
Errors and warnings 538
NGRM_GetTransferNoteProperties 538
Sample request 538
Request parameter description 538
Sample response 541
Response parameter description 541
Errors and warnings 541
NGRM_DeleteTransferNote 541
Sample request 541
Request parameter description 541

Sample response 543
Response parameter description 543
Errors and warnings 543
NGRM_SetTransferNoteProperties 543
Sample request 543
Request parameter description 543
Sample response 548
Response parameter description 548
Errors and warnings 548
NGRM_AddItemToTransferNote 548
Sample request 548
Request parameter description 548
Sample response 552
Response parameter description 552
Errors and warnings 552
NGRM_DeleteItemFromTransferNote 552
Sample request 552
Request parameter description 553
Sample response 556
Response parameter description 556
Errors and warnings 556
NGRM_GetListOfTransferNotes 556
Sample request 556
Request parameter description 556
Sample response 560
Response parameter description 560
Errors and warnings 560
NGRM_GetListOfTransferNoteItems 560
Sample request 560
Request parameter description 562
Sample response 562
Response parameter description 562
Errors and warnings 562
NGRM_DispatchTransferNotes 562
Sample request 562
Request parameter description 562
Sample response 562
Response parameter description 563
Errors and warnings 563
NGRM_CreateTransferMapping 563
Sample request 563
Request parameter description 563
Sample response 566
Response parameter description 566
Errors and warnings 567
NGRM_DeleteTransferMapping 567

Sample request ... 567
Request parameter description ... 568
Sample response ... 569
Response parameter description ... 569
Errors and warnings ... 570
NGRM_GetTransferMappingList ... 570
Sample request ... 570
Request parameter description ... 571
Sample response ... 572
Response parameter description ... 572
Errors and warnings ... 573
NGRM_SetTransferMapping ... 573
Sample request ... 573
Request parameter description ... 573
Sample response ... 575
Response parameter description ... 575
Errors and warnings ... 575
Functional Security ... 576
NGRM_GetListOfFunctionalRights ... 576
Sample request ... 576
Request parameter description ... 576
Sample response ... 578
Response parameter description ... 578
Errors and warnings ... 580
NGRM_SetFunctionalRights ... 580
Sample request ... 580
Request parameter description ... 581
Sample response ... 582
Response parameter description ... 582
Errors and warnings ... 582
NGRM_GetFunctionalRights ... 582
Sample request ... 582
Request parameter description ... 584
Sample response ... 585
Response parameter description ... 586
Errors and warnings ... 586
NGRM_RevokeFunctionalRights ... 586
Sample request ... 586
Request parameter description ... 586
Sample response ... 588
Response parameter description ... 588
Errors and warnings ... 588
NGRM_SetSecurityClassification ... 588
Sample request ... 588
Request parameter description ... 589
Sample response ... 592

Response parameter description ... 592
Error codes and description ... 592
NGRM_GetListOfSecurityClassification ... 592
Sample request ... 592
Request parameter description ... 593
Sample response ... 595
Response parameter description ... 596
Errors and warnings ... 596
Bulk Export and Import ... 597
NGRM ExportFolder ... 597
Sample request ... 597
Request parameter description ... 597
Sample response ... 598
Response parameter description ... 598
Errors and warnings ... 598
NGRM ImportFolder ... 599
Sample request ... 599
Request parameter description ... 599
Sample response ... 601
Response paramter description ... 601
Errors and warnings ... 601
NGRM_ExportRecord ... 602
Sample request ... 602
Request parameter description ... 602
Sample response ... 604
Response parameter description ... 604
Errors and warnings ... 604
NGRM ImportRecord ... 605
Sample request ... 605
Request parameter description ... 605
Sample response ... 607
Response paramter description ... 607
Errors and warnings ... 607
Link Type ... 607
NGRM_GetListOfLinks ... 608
Sample request ... 608
Request parameter description ... 608
Sample response ... 610
Response parameter description ... 610
Errors and warnings ... 611
NGRM CreateLinkType ... 611
Sample request ... 611
Request parameter description ... 611
Sample response ... 613
Response parameter description ... 614
Errors and warnings ... 614

NGRM_DeleteLinkType ... 614
Sample request ... 614
Request parameter description ... 614
Sample response ... 616
Response parameter description ... 616
Errors and warnings ... 617
NGRM_GetLinkProperties ... 617
Sample request ... 617
Request parameter description ... 617
Sample response ... 618
Response parameter description ... 618
Errors and warnings ... 618
Hold Type ... 618
NGRM_GetHoldTypeList ... 619
Sample request ... 619
Request parameter description ... 619
Sample response ... 625
Response parameter description ... 626
Errors and warnings ... 626
NGRM_ManageHoldType ... 627
Sample request ... 627
Request parameter description ... 627
Sample response ... 631
Response parameter description ... 631
Errors and warnings ... 632
Preference Fields ... 632
NGRM_SetItemProperties ... 632
Sample request ... 632
Request parameter description ... 632
Sample response ... 634
Response parameter description ... 634
Errors and warnings ... 634
NGRM_SetPreferenceFields ... 634
Sample request ... 634
Request parameter description ... 637
Sample response ... 638
Response parameter description ... 641
Errors and warnings ... 641
NGRM_GetPreferenceFields ... 641
Sample request ... 640
Request parameter description ... 642
Sample response ... 643
Response parameter description ... 647
Errors and warnings ... 647
NGRM_DeletePreferenceFields ... 647
Sample request ... 646

Request parameter description 646
Sample response 647
Response parameter description 647
Errors and warnings 649
Consignment 649
NGRM_AddItemsToConsignment 649
Sample request 648
Request parameter description 649
Sample response 650
Response parameter description 650
Errors and warnings 652
NGRM_DeleteItemsFromConsignment 652
Sample request 651
Request parameter description 652
Sample response 653
Response parameter description 653
Errors and warnings 653
NGRM_GetConsignmentItems 653
Sample request 654
Request parameter description 654
Sample response 655
Response parameter description 656
Errors and warnings 656
NGRM_DeleteConsignment 656
Sample request 657
Request parameter description 657
Sample response 658
Response parameter description 660
Errors and warnings 659
NGRM_GetConsignmentList 659
Sample request 659
Request parameter description 660
Sample response 662
Response parameter description 662
Errors and warnings 664
NGRM_GetConsignmentProperties 664
Sample request 664
Request parameter description 665
Sample response 665
Response parameter description 666
Errors and warnings 666
NGRM_SetConsignmentProperties 666
Sample request 666
Request parameter description 666
Sample response 671
Response parameter description 672

Errors and warnings 672
Misc 672
NGRM_AddReminder 672
Sample request 672
Request parameter description 672
Sample response 674
Response parameter description 674
Errors and warnings 674
NGRM_RegisterApp 674
Sample request 675
Request parameter description 675
Sample response 677
Response parameter description 677
Errors and warnings 678
NGRM_UnRegisterApp 678
Sample request 678
Request parameter description 678
Sample response 678
Response parameter description 679
Errors and warnings 679
NGRM_GetAppList 679
Sample request 679
Request parameter description 681
Sample response 682
Response parameter description 683
Errors and warnings 683
NGRM_SearchUser 683
Sample request 683
Request parameter description 683
Sample response 685
Response parameter description 685
Errors and warnings 686
NGRM_AbortSearch 686
Sample request 686
Request parameter description 686
Sample response 688
Response parameter description 688
Errors and warnings 688
NGRM_GetCabinet 688
Sample request 688
Request parameter description 690
Sample response 690
Response parameter description 691
Errors and warnings 692
NGRM_EasySearch 692
Sample request 692

Request parameter description 692
Sample response 696
Response parameter description 697
Errors and warnings 700
Glossary 702

Preface

This chapter provides information about the purpose of this guide, details on the intended audience, revision history, and related documents for the Record Management System (RMS).

Revision history

Revision date	Description
February 2025	Initial publication

About this document

This guide provides information on all the server-side and REST web services used in RMS. It also provides information about RMS features and the terminologies used in the API Manual alphabetically.

To ensure you are referring to the latest and most recent revision of this guide, download it from one of the following locations:

- Newgen Internal Doc Portal, if you are a Newgen employee.
- Newgen Partner Portal, if you are a Newgen partner.

Intended audience

This developer guide is intended for developers from internal or external product teams. The reader must be comfortable with API signature formats in JSON and XML to understand API requests and responses. Administrative rights might be required to perform the integration operations.

Related documents

The following documents are related to the NewgenONE OmniDocs RMS 5.0 Developer Guide:

- NewgenONE OmniDocs RMS 5.0 Release Notes
- NewgenONE OmniDocs RMS 5.0 User Guide
- NewgenONE OmniDocs RMS 5.0 Administration Guide
- NewgenONE OmniDocs RMS 5.0 Installation Guide

Documentation feedback

To provide feedback or any suggestions for improvement on technical documentation, write an email to docs.feedback@newgensoft.com.

To help capture your feedback effectively, share the following information in your email:

- Document name
- Version
- Chapter, topic, or section
- Feedback or suggestions

Introduction to Record Management System

A Record Management System (RMS) manages the documents- both electronic and physical hard copies from their creation, use, storage, and maintenance to eventual destruction or permanent preservation while retaining integrity, authenticity and accessibility of corporate records. In brief, RMS handles the complete life cycle of physical as well as electronic records. Electronic documents can be image or non-image documents. These documents are termed as records if no further modification is required.

RMS allows organizations to classify paper content as records, as well as electronic documents, audio & video files, email, scanned images, and web pages. It creates a consistent central information management system and effectively minimizes the risk of unmanaged information and content.

OmniDocs RMS component creates a consistent Centralised Information Management System (CIMS) and effectively minimizes the risk of unmanaged information and content. It is DoD 5015.02-STD certified along with Victoria Electronic Record System (VERS) certification and compliance with MoReq standards.

Classification of calls

This chapter consists of the following calls:

- Class
- File
- FilePart
- Location and Box
- Hold Type
- File Part Numbering
- CutOff Rule
- Retention Rule
- Storage Rule
- Set Security Classification
- Transfer Request
- Functional Security
- Preference Fields
- Consignment
- EasySearch API
- Document (Record)
- FilePlan
- Misc
- Report
- Bulk Export and Import

Class

The Class consists of the following APIs:

- NGRM_CreateClass
- NGRM_DeleteClass
- NGRM_GetClassProperties
- NGRM_SetClassProperties

NGRM_CreateClass

This call allows you to create a class.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateClass_Input>
    <Option>NGRM_CreateClass</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1760626841</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Folder>
        <ParentFolderIndex>43</ParentFolderIndex>
        <FolderName>newCLSS</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <DataDefinition>
            <DataDefName></DataDefName>
            <DataDefIndex>0</DataDefIndex>
            <Fields></Fields>
        </DataDefinition>
        <Comment>fee</Comment>
    </Folder>
    <Class>
        <ClassType>S</ClassType>
        <NextClassType>dfde</NextClassType>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <VitalRecord>Y</VitalRecord>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>cfs</BackupMedia>
        <FileNumberingID>2</FileNumberingID>
```

```
        <CutOffRollOverRuleID>1</CutOffRollOverRuleID>
        <RetentionRuleID>1</RetentionRuleID>
        <StorageRuleID>1</StorageRuleID>
        <DispAuthorityName>newgen</DispAuthorityName>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <DispAuthorityGroupID>0</DispAuthorityGroupID>
        <DispAuthorityGroup></DispAuthorityGroup>
        <DispAuthorityRoleID>0</DispAuthorityRoleID>
        <DispAuthorityRole></DispAuthorityRole>
    </Class>
</NGRM_CreateClass_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateClass* API:

Parameter	Parent tag	Description
Option	Root	Refers to the case sensitive call name • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows the log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable

Parameter	Parent tag	Description
NameLength	Folder	It is the length for the folder name. • Valid values — Not applicable • Default values — Not applicable
LimitCount	Folder	It is the limit for the documents that can be filed in a folder. • Valid values — Not applicable • Default values — Not applicable
DuplicateName	Folder	It is the duplicate name for the folder. • Valid values — Not applicable • Default values — Not applicable
CreationDateTime	Folder	It is the creation date time for the folder. • Valid values — Not applicable • Default values — Not applicable
ParentObjectIndex	Folder	It is the parent folder ID. • Valid values — Not applicable • Default values — Not applicable
Name	Folder	It is the folder name. • Valid values — Not applicable • Default values — Not applicable
AccessType	Folder	It is the access type for the folder. • Valid values — Not applicable • Default values — Not applicable
ImageVolumeIndex	Folder	It is the Image Volume ID where the documents are stored. • Valid values — Not applicable • Default values — Not applicable
FolderType	Folder	It is the folder type. • Valid values — Not applicable • Default values — Not applicable
VersionFlag	Folder	It is the version flag for the document. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
Comment	Folder	It is the comment associated with the folder. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
OwnerIndex	Folder	It is the folder owner ID. • Valid values — Not applicable • Default values — Not applicable
ExpiryDateTime	Folder	It is the expiry date time for the folder. • Valid values — Not applicable • Default values — Not applicable
EnableFTSFlag	Folder	It is the flag for enabling full-text search. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
DataDefName	DataDefinition	It is the data class name which has to be associated with the folder. • Valid values — Not applicable • Default values — Not applicable
IndexId	Field	It is the index ID. • Valid values — Not applicable • Default values — Not applicable
IndexValue	Field	It is the index value. • Valid values — Not applicable • Default values — Not applicable
IndexType	Field	It is the index type. • Valid values — Not applicable • Default values — Not applicable
ObjectType	Class	It is the object type. • Valid values — Not applicable • Default values — Not applicable
ClassType	Class	It is the class type. • Valid values — Not applicable • Default values — Not applicable
Code	Class	It is the code associated with the class. • Valid values — Not applicable • Default values — Not applicable
Barcode	Class	It is the bar code associated with the class. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
NextClassType	Class	It is the next class type. • Valid values — Not applicable • Default values — Not applicable
VitalRecord	Class	It is the flag which mark the record as vital that has to be retained for some time period. • Valid values — Not applicable • Default values — Not applicable
SearchOptions	Class	It is the search option for the records. • Valid values — Not applicable • Default values — Not applicable
ElectronicLocation	Class	It is the electronic location for the records. • Valid values — Not applicable • Default values — Not applicable
BackupMedia	Class	It is the backup media for the records. • Valid values — Not applicable • Default values — Not applicable
FileNumberingId	Class	It is the file numbering scheme that has to be applied to the records. • Valid values — Not applicable • Default values — Not applicable
CutOffRollOverRuleID	Class	It is the cutoff rollover rule applied on the records. • Valid values — Not applicable • Default values — Not applicable
RetentionRuleId	Class	It is the retention rule applied on the records. • Valid values — Not applicable • Default values — Not applicable
StorageRuleId	Class	It is the storage rule applied on the records. • Valid values — Not applicable • Default values — Not applicable
DispAuthority	Class	It is the Dispose off authority which will destroy the records. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
BorrowPeriod	Class	It is the borrow period specified for the record. • Valid values — Not applicable • Default values — Not applicable
BorrowPeriodUnit	Class	It is the borrow period unit. • Valid values — Day, Week, or Month • Default values — Not applicable
PermanentRecord Indicator	Class	It is the permanent record flag which is set for the documents which are made permanent. • Valid values — Not applicable • Default values — Not applicable
PhysicalHybridIndicator	Class	
PhysicalLocation	Class	

Sample response

```
<?xml version="1.0"?>
<NGRM_CreateClass_Output>
    <Option>NGRM_CreateClass</Option>
    <Status>0</Status>
    <LoginUserRights>11111111111</LoginUserRights>
    <Folder>
        <FolderIndex>381</FolderIndex>
        <ParentFolderIndex>43</ParentFolderIndex>
        <FolderName>newCLSS</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-04-16 17:51:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-16 17:51:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-16 17:51:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-04-15 17:51:46.41</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-04-15 17:51:46.41</ExpiryDateTime>
        <Comment>fee</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-04-15 17:51:46.41</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
```

```
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>0</DataDefinitionIndex>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>C</ObjectType>
        <ClassType>S</ClassType>
        <VitalRecord>Y</VitalRecord>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>cfs</BackupMedia>
        <NextClassType>dfde</NextClassType>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>1</CutOffRollOverRuleID>
        <RetentionRuleID>1</RetentionRuleID>
        <StorageRuleID>1</StorageRuleID>
        <RequestTransferNumId>1</RequestTransferNumId>
        <DispAuthority>9</DispAuthority>
        <DispAuthorityGroupID>0</DispAuthorityGroupID>
        <DispAuthorityRoleID>0</DispAuthorityRoleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <CurrentRequestee>0</CurrentRequestee>
        <FileCategory>/MyCab/Fileplan</FileCategory>
        <DispAuthorityName>newgen</DispAuthorityName>
        <AggregationLevel>P</AggregationLevel>
        <DispAuthorityName>newgen</DispAuthorityName>
    </Class>
</NGRM_CreateClass_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateClass* API:

Parameter	Parent tag	Description
Options	Root	Unique option for the call.
Status	Root	Status of the call. If the Status is 0, then the call is successful.
LoginUserRights	Root	

Parameter	Parent tag	Description
ClassIndex	Folder	
ParentObjectIndex	Folder	
Name	Folder	
OwnerIndex	Folder	
CreationDateTime	Folder	
RevisedDateTime	Folder	
AccessDateTime	Folder	
DataDefinitionIndex	Folder	
AccessType	Folder	
ImageVolumeIndex	Folder	
FolderType	Folder	
FolderLock	Folder	
Location	Folder	
DeletedDateTime	Folder	
VersionFlag	Folder	
ExpiryDateTime	Folder	
Comment	Folder	
ACL	Folder	
FinalizedFlag	Folder	
FinalizedDateTime	Folder	
ACLMoreFlag	Folder	
EnableFTSFlag	Folder	
LockMessage	Folder	
Owner	Folder	
LockByUser	Folder	
FinalizedBy	Folder	

Parameter	Parent tag	Description
NoOfSubFolders	Folder	
NoOfDocuments	Folder	
NoOfReferenced Documents	Folder	
IndexId	Field	
IndexName	Field	
IndexType	Field	
IndexLength	Field	
IndexAttribute	Field	
IndexValue	Field	
ObjectType	class	
ClassType	class	
Code	class	
NextClassType	class	
BarCode	class	
VitalRecord	class	
SearchOptions	class	
BackupMedia	class	
FileNumberingID	class	
CutOffRollOverId	class	
RetentionRuleID	class	
StorageRuleID	class	
DispAuthority	class	
BorrowPeriod	class	
BorrowPeriodUnit	class	
FileNumber	class	

Parameter	Parent tag	Description
FilePartNumber	class	
PermanentRecord Indicator	class	
PhysicalLocation	class	
PhysicalHybrid Indicator	class	

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_CreateClass* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create class
-14007	Class not approved	Parent class is not approved.
-14008	Class locked	Parent class is locked.
-14009	Box not with user	Box in which class is present is borrowed by the other user.
-14016	Box locked	Box in which class is present is locked.
-6026	Parent folder does not exist	Parent folder does not exist.
-6027	Parent folder not a class	Parent folder not a class.

NGRM_DeleteClass

This call allows you to delete the class.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteClass_Input>
    <Option>NGRM_DeleteClass</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1760626841</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>101</FolderIndex>
    <ReferenceFlag>Y</ReferenceFlag>
    <LockFlag>N</LockFlag>
    <CheckOutFlag>N</CheckOutFlag>
</NGRM_DeleteClass_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteClass* API:

Parameter	Parent tag	Data type	Description	Mandatory
CabinetName	Root		It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session ID of the login user. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	
FolderIndex	Root		It is the folder index of the class to be deleted. • Valid values — Valid folder index • Default values — Not applicable	

Parameter	Parent tag	Data type	Description	Mandatory
ReferenceFlag			It specifies whether to delete the folder when the references exist for the documents within that folder or any of its sub-folders. • Valid values: ◦ N: Don't delete the folder if any checked-out document exists within that folder or any of its subfolders exist. ◦ Y: Delete folder even if any checked-out document exists within that folder or any of its subfolders existed. • Default values — Not applicable	
LockFlag	Root		It specifies whether to delete the folder when any document within that folder or any of its subfolders is locked. • Valid values: ◦ N: Don't delete the folder if any checked-out document exists within that folder or any of its subfolders are locked. ◦ Y: Delete folder even if any checked-out document exists within that folder or any of its subfolders are locked. • Default values — Not applicable	

Parameter	Parent tag	Data type	Description	Mandatory
CheckOutFlag	Root		It specifies whether to delete the folder when some checked-out document exists within it or any of its sub-folders. • Valid values: ◦ N: Don't delete the folder if any checked-out document exists within that folder or any of its subfolders. ◦ Y: Delete folder even if any checked-out document exists within that folder or any of its subfolders. • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_DeleteClass_Output>
    <Option>NGRM_DeleteClass</Option>
    <Status>0</Status>
    <Folder>
        <FolderIndex>101</FolderIndex>
        <ReferenceFlag>Y</ReferenceFlag>
        <LockFlag>N</LockFlag>
        <CheckOutFlag>N</CheckOutFlag>
        <NoOfDeletedDocuments>1</NoOfDeletedDocuments>
        <TotalDocumentSize>0</TotalDocumentSize>
    </Folder>
    <Class></Class>

</NGRM_DeleteClass_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteClass* API:

Parameter	Parent tag	Description
Options	Root	It refers to the case-sensitive call name.
Status	Root	Status of the call. If the Status is 0, then the call is successful.
ReferenceFlag	Root	This flag can be used to find out why the folder is not deleted. The folder is not deleted because some documents are referenced in the folder or its subfolders. If ReferenceFlag is sent as 'N' in input xml and if it returns the value 'Y', it shows that the folder is not deleted because some of the documents in the folder or its subfolder are referenced.
LockFlag	Folder	This flag is used to reason why the folder is not deleted. The folder is not deleted because some of the documents in the folder or its sub-folder are Locked. If LockFlag is sent as 'N' in input xml and if it returns the value 'Y', it shows that the folder is not deleted because some of the documents in the folder or its subfolder are locked.
CheckOutFlag	Folder	This flag can be used to find out why the folder is not deleted. The folder is not deleted because some documents are checked out in the folder or any of its subfolders. If CheckOutFlag is sent as 'N' in input xml and if it returns the value 'Y', it shows that the folder is not deleted because some of the documents in the folder or its subfolder are checked out.
NoOfDeletedDocuments	Folder	Total number of documents that are to be deleted.
TotalDocumentSize	Folder	Specifies the total size of all the documents together in the folder or its subfolders that are to be deleted.

Parameter	Parent tag	Description
Folder Index	Folder	Index of class deleted

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_DeleteClass* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create class.
-14007	Class not approved	Parent class is not approved
-14008	Class locked	Parent class is locked.
-14009	Box not with user	Box in which class is present is borrowed by other user.
-14016	Box locked	Box in which class is present is locked.

NGRM_GetClassProperties

This call allows you to retrieve the class propertied. It takes the folder index as input.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetClassProperties_Input>
    <Option>NGRM_GetClassProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1760626841</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>382</FolderIndex>
    <DataAlsoFlag>Y</DataAlsoFlag>
</NGRM_GetClassProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetClassProperties* API:

Parameter	Parent tag	Description
Option	Root	It refers to the case-sensitive call name. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	It is the cabinet or database name that has to be connected. • Valid values —Not applicable • Default values — Not applicable
UserDBId	Root	It is the session ID of the signed-in user. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
FolderIndex	Root	It is the folder index of the class to be deleted. • Valid values —Valid folder index • Default values — Not applicable
Reference Flag	Root	It specifies whether to delete the folder when the references exist for the documents within that folder or any of its sub-folders. • Valid values — ◦ N: Don't delete the folder if any reference for some document within that folder or any of its subfolders exists. ◦ Y: Delete folder even if reference exists for some document within that folder or any of its subfolders. • Default values — Not applicable
DataAlsoFlag	Root	It specifies whether to return the associated data class. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_GetClassProperties_Output>
    <Option>NGRM_GetClassProperties</Option>
    <Status>0</Status>
    <LoginUserRights>1111111111</LoginUserRights>
    <LockStatus>L</LockStatus>
    <MakerChecker>M</MakerChecker>
    <Folder>
        <FolderIndex>382</FolderIndex>
        <ParentFolderIndex>320</ParentFolderIndex>
        <FolderName>testClass</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-04-16 18:01:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-16 18:01:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-16 18:01:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-04-15 18:01:09.043</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-04-15 18:01:09.043</ExpiryDateTime>
        <Comment>dew</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-04-15 18:01:09.043</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>0</DataDefinitionIndex>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>C</ObjectType>
        <ClassType>S</ClassType>
        <VitalRecord>Y</VitalRecord>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>s</BackupMedia>
        <NextClassType>sf</NextClassType>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>43</CutOffRollOverRuleID>
        <RetentionRuleID>37</RetentionRuleID>
        <StorageRuleID>7</StorageRuleID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <DispAuthorityGroupID>0</DispAuthorityGroupID>
```

```
        <DispAuthorityRoleID>0</DispAuthorityRoleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <CurrentRequestee>0</CurrentRequestee>
        <FileCategory>/MyCab/Fileplan/00 test_ phase date _FP</FileCategory>
        <FileNumberingRule>filno_rule</FileNumberingRule>
        <CutOffRule>myCutOffRule</CutOffRule>
        <RetentionRule>my_retention</RetentionRule>
        <StorageRule>00test1_F</StorageRule>
        <DispAuthorityName>asdf</DispAuthorityName>
        <PhysicalLocationName>crr24</PhysicalLocationName>
        <BoxName>box1</BoxName>
        <FileNumberingOption>A</FileNumberingOption>
        <AggregationLevel>P</AggregationLevel>
        <DispAuthorityName>asdf</DispAuthorityName>
    </Class>
</NGRM_GetClassProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetClassProperties* API:

Parameter	Parent tag	Description
Options	Root	It refers to the case-sensitive call name.
Status	Root	Status of the call. If the Status is 0, then the call is successful.
LoginUserRights	Root	Rights of the signed-in user on the folder.
Folder	Root	Contains information about the folder.
FolderIndex	Folder	Index of the folder.
ParentFolderIndex	Folder	Index of the parent of this folder.
FolderName	Folder	Name of the folder.
Owner	Folder	Owner of the folder.
OwnerIndex	Folder	Index of the owner.
CreationDateTime	Folder	Creation date and time of the folder.

Parameter	Parent tag	Description
RevisedDateTime	Folder	Last date and time when the folder was revised.
AccessDateTime	Folder	Last date and time when the folder was accessed.
DeletedDateTime	Folder	Date time when folder was deleted.
AccessType	Folder	Access type of the folder.
ImageVolumeIndex	Folder	Volume index of the folder where the documents are added in the folder, if no volume index is supplied in the add document call.
FolderType	Folder	Indicates the folder type, namely G for general and A for reserved.
FolderLock	Folder	Indicates if the folder is locked.
LockByUser	Folder	Index of the user who has locked the folder.
ExpiryDateTime	Folder	Expiry date and time of the folder.
Comment	Folder	Comment associated with this folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedBy	Folder	Index of the user who has finalized this folder.
DataDefName	Folder	Name of the data class associated with the folder, if any.
FinalizedDateTime	Folder	Date and time when the folder was finalized.
ACL	Folder	Rights of other users and groups on this folder.
ACLMoreFlag	Folder	Reserved for internal use.
Location	Folder	Folder type of the parent folder of this folder namely Root, General, Inbox, SentItems, Trash, or others.
EnableFTSFlag	Folder	Reserved for internal use.
LockByUser	Folder	Name of the user who has locked the folder.
NoOfSubFolders	Folder	Number of sub-folders present in the folder.
NoOfDocuments	Folder	Number of documents present in the folder.

Parameter	Parent tag	Description
NoOfReferencedDocuments	Folder	The number of referenced documents present in the folder.
NoOfReferencedFolders	Folder	The number of referenced folders present in the folder.
DataDefinition	Folder	If the data class is associated with this folder, then the whole description of the data class is displayed.
DataDefIndex	Folder	Index of the data class associated with the folder, if any.
Fields	Folder	Outer tag containing information about the fields of the associated data class.
Field	Fields	Outer tag containing information about a single field of this data class.
IndexId	Field	Index of the data class field.
IndexName	Field	Name of the data class field.
IndexType	Field	Type of the data class field.
IndexLength	Field	Length of the data class field.
IndexAttribute	Field	Attribute of the data class field.
IndexFlag	Field	Specifies whether the given field is global or specific to this data class.
Pickable	Field	Flag to check that data field values can be picked up or not.
ObjectType	Class	C for class
ClassType	Class	
VitalRecord	Class	Y if vital records are to be added.
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File numbering rule ID.

Parameter	Parent tag	Description
CutOffRollOverRuleID	Class	Cutoff rollover rule ID.
RetentionRuleID	Class	Retention rule ID.
StorageRuleID	Class	Storage rule ID.
RequestTransferNumId	Class	Request transfer number ID , if a request is generated.
DispAuthorityGroupID	Class	Disposition authority group ID.
DispAuthorityRoleID	Class	Disposition authority role ID.
BorrowPeriod	Class	Borrow period
BorrowPeriodUnit	Class	Borrow period unit
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
CurrentRequestee	Class	Current request if class is requested.
FileCategory	Class	File category
FileNumberingRule	Class	File numbering rule name
CutOffRule	Class	Cutoff rollover rule name
BorrowPeriodUnit	Class	Borrow period unit
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
CurrentRequestee	Class	Current request if class is requested.
FileCategory	Class	File category
FileNumberingRule	Class	File numbering rule name
CutOffRule	Class	Cutoff rollover rule name

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_GetClassProperties* API:

Error code	Error message	Description
-6003	Invalid class	Invalid value of folder index provided in input.

NGRM_SetClassProperties

This call allows you to change class properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetClassProperties_Input>
    <Option>NGRM_SetClassProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1760626841</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Folder>
        <FolderIndex>320</FolderIndex>
        <FolderName>00 test_ phase date _FP</FolderName>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <OwnerIndex>0</OwnerIndex>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefIndex>1</DataDefIndex>
            <Fields>
                <Field>
                    <IndexId>3</IndexId>
                    <IndexName>D_Name</IndexName>
                    <IndexType>S</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue>poiu</IndexValue>
                </Field>
                <Field>
                    <IndexId>4</IndexId>
                    <IndexName>D_Id</IndexName>
                    <IndexType>I</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue></IndexValue>
                </Field>
                <Field>
                    <IndexId>5</IndexId>
                    <IndexName>Entry_Date</IndexName>
                    <IndexType>D</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
```

```
                    <IndexValue></IndexValue>
                </Field>
                <Field>
                    <IndexId>6</IndexId>
                    <IndexName>D_salary</IndexName>
                    <IndexType>F</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue></IndexValue>
                </Field>
                <Field>
                    <IndexId>7</IndexId>
                    <IndexName>ID_num</IndexName>
                    <IndexType>L</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue></IndexValue>
                </Field>
            </Fields>
        </DataDefinition>
        <Comment>asdfas</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <AccessDateTime>2012-04-16 18:02:00.0</AccessDateTime>
    </Folder>
    <Class>
        <ClassType>S</ClassType>
        <Code>E#</Code>
        <NextClassType>d</NextClassType>
        <PhysicalLocation>1</PhysicalLocation>
        <BoxID>11</BoxID>
        <VitalRecord>N</VitalRecord>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>bcvkj</BackupMedia>
        <FileNumberingID>2</FileNumberingID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <CutOffRollOverRuleID>43</CutOffRollOverRuleID>
        <RetentionRuleID>37</RetentionRuleID>
        <StorageRuleID>7</StorageRuleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <AggregationLevel>P</AggregationLevel>
        <DispAuthorityName>asdf</DispAuthorityName>
        <DispAuthorityGroupID>0</DispAuthorityGroupID>
        <DispAuthorityRoleID>0</DispAuthorityRoleID>
        <NeedAuditLog>Y</NeedAuditLog>
    </Class>
</NGRM_SetClassProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetClassProperties* API:

Parameter	Parent tag	Description
Option	Root	It refers to the case-sensitive call name. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	It is the session ID of the signed-in user. • Valid values — A unique option for the call. • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — Y for yes and N for no. • Default values — Not applicable
NameLength	Folder	It is the length for the folder name. • Valid values — Not applicable • Default values — Not applicable
LimitCount	Folder	It is the limit for the documents that can be filed in a folder. • Valid values — Not applicable • Default values — Not applicable
DuplicateName	Folder	It is the duplicate name for the folder. • Valid values — Not applicable • Default values — Not applicable
CreationDateTime	Folder	It is the creation date and time for the folder. • Valid values — Not applicable • Default values — Not applicable
ParentObjectIndex	Folder	It is the parent folder ID. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
Name	Folder	It is the folder name. • Valid values — Not applicable • Default values — Not applicable
AccessType	Folder	It is the access type for the folder. • Valid values — Not applicable • Default values — Not applicable
ImageVolumeIndex	Folder	It is the Image Volume id where the documents are stored. • Valid values — Not applicable • Default values — Not applicable
FolderType	Folder	It is the folder type. • Valid values — Not applicable • Default values — Not applicable
VersionFlag	Folder	It is the version flag for the document. • Valid values — Y for yes and N for no. • Default values — Not applicable
Comment	Folder	It is the comment associated with the folder. • Valid values — Not applicable • Default values — Not applicable
OwnerIndex	Folder	It is the folder owner ID. • Valid values — Not applicable • Default values — Not applicable
ExpiryDateTime	Folder	It is the expiration date and time for the folder. • Valid values — Not applicable • Default values — Not applicable
EnableFTSFlag	Folder	It is the flag for enabling full-text search. • Valid values — Y for yes and N for no. • Default values — Not applicable
DataDefName	DataDefinition	It is the data class name that has to be associated with the folder. • Valid values — Not applicable • Default values — Not applicable
IndexId	Field	It is the index ID. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
IndexValue	Field	It is the index value. • Valid values — Not applicable • Default values — Not applicable
IndexType	Field	It is the index type. • Valid values — Not applicable • Default values — Not applicable
ObjectType	Class	It is the object type. • Valid values — Not applicable • Default values — Not applicable
ClassType	Class	It is the class type. • Valid values — Not applicable • Default values — Not applicable
Code	Class	It is the code associated with the class. • Valid values — Not applicable • Default values — Not applicable
Barcode	Class	It is the bar code associated with the class. • Valid values — Not applicable • Default values — Not applicable
NextClassType	Class	It is the next class type. • Valid values — Not applicable • Default values — Not applicable
VitalRecord	Class	The flag marks the record as vital and has to be retained for some time. • Valid values — Not applicable • Default values — Not applicable
SearchOptions	Class	It is the search option for the records. • Valid values — Not applicable • Default values — Not applicable
ElectronicLocation	Class	It is the electronic location for the records. • Valid values — Not applicable • Default values — Not applicable
BackupMedia	Class	It is the backup media for the records. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
FileNumberingId	Class	It is the file numbering scheme that has to be applied to the records. • Valid values — Not applicable • Default values — Not applicable
CutOffRollOverRuleID	Class	It is the cutoff rollover rule applied on the records. • Valid values — Not applicable • Default values — Not applicable
RetentionRuleId	Class	It is the retention rule applied on the records. • Valid values — Not applicable • Default values — Not applicable
StorageRuleId	Class	It is the storage rule applied on the records. • Valid values — Not applicable • Default values — Not applicable
DispAuthority	Class	It is the Dispose off authority that will destroy the records. • Valid values — Not applicable • Default values — Not applicable
BorrowPeriod	Class	It is the borrowing period specified for the record. • Valid values — Not applicable • Default values — Not applicable
BorrowPeriodUnit	Class	It is the borrow period unit. • Valid values — Day, Week, or Month • Default values — Not applicable
PermanentRecordIndicator	Class	It is the permanent record flag that is set for the documents which are made permanent. • Valid values — Not applicable • Default values — Not applicable
PhysicalHybridIndicator	Class	
PhysicalLocation	Class	

Sample response

```
<?xml version="1.0"?>
<NGRM_SetClassProperties_Output>
    <Option>NGRM_SetClassProperties</Option>
    <Status>0</Status>
    <LoginUserRights>1111111111</LoginUserRights>
    <LoginUserRights>1111111111</LoginUserRights>
    <Folder>
        <FolderIndex>320</FolderIndex>
        <ParentFolderIndex>43</ParentFolderIndex>
        <FolderName>00 test_ phase date _FP</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-01-25 12:18:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-16 18:02:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-16 18:02:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-01-24 12:18:19.28</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-01-24 12:18:19.28</ExpiryDateTime>
        <Comment>asdfas</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-01-24 12:18:19.28</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>1</DataDefinitionIndex>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>C</ObjectType>
        <ClassType>S</ClassType>
        <Code>E#</Code>
        <VitalRecord>N</VitalRecord>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>bcvkj</BackupMedia>
        <NextClassType>d</NextClassType>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>43</CutOffRollOverRuleID>
        <RetentionRuleID>37</RetentionRuleID>
        <StorageRuleID>7</StorageRuleID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <DispAuthority>16</DispAuthority>
```

```
        <DispAuthorityGroupID>0</DispAuthorityGroupID>
        <DispAuthorityRoleID>0</DispAuthorityRoleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>1</PhysicalLocation>
        <BoxID>11</BoxID>
        <CurrentRequestee>0</CurrentRequestee>
        <DispAuthorityName>asdf</DispAuthorityName>
        <AggregationLevel>P</AggregationLevel>
        <DispAuthorityName>asdf</DispAuthorityName>
    </Class>
</NGRM_SetClassProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetClassProperties* API:

Parameter	Parent tag	Description
Options	Root	A unique option for the call.
Status	Root	Status of the call. If the Status is 0, then the call is successful.
LoginUserRights	Root	Rights of the Logged in user on the folder.
Folder	Folder	Contains information about the folder.
FolderIndex	Folder	Index of the folder.
ParentObjectIndex	Folder	Index of the parent of this folder.
Name	Folder	Name of the folder.
OwnerIndex	Folder	Index of the Owner.
CreationDateTime	Folder	Creation Date and Time of the folder.
RevisedDateTime	Folder	Last Date and Time when the folder was revised.
AccessDateTime	Folder	Last Date and Time when the folder was accessed.
DataDefinitionIndex	Folder	
AccessType	Folder	Access Type of the folder.

Parameter	Parent tag	Description
ImageVolumeIndex	Folder	Volume Index of the Folder where the documents added in this folder will be added, if no Volume Index is supplied in the Add Document call.
FolderType	Folder	Indicates the folder type, namely G-General, A-Reserved.
FolderLock	Folder	Indicates if the folder is locked.
Location	Folder	
DeletedDateTime	Folder	Date time when folder was deleted.
VersionFlag	Folder	
ExpiryDateTime	Folder	
Comment	Folder	
ACL	Folder	
FinalizedFlag	Folder	
FinalizedDateTime	Folder	
ACLMoreFlag	Folder	
EnableFTSFlag	Folder	
LockMessage	Folder	
Owner	Folder	
LockByUser	Folder	
FinalizedBy	Folder	
NoOfSubFolders	Folder	
NoOfDocuments	Folder	
NoOfReferencedDocuments	Folder	
IndexId	Folder	
IndexName	Folder	
IndexType	Folder	

Parameter	Parent tag	Description
IndexLength	Folder	
IndexAttribute	Folder	
IndexValue	Folder	
ObjectType	Class	
ClassType	Class	
Code	Class	
NextClassType	Class	
BarCode	Class	
VitalRecord	Class	
SearchOptions	Class	
BackupMedia	Class	
FileNumberingID	Class	
CutOffRollOverId	Class	
RetentionRuleID	Class	
StorageRuleID	Class	
DispAuthority	Class	
BorrowPeriod	Class	
BorrowPeriodUnit	Class	
FileNumber	Class	
FilePartNumber	Class	
PermanentRecordIndicator	Class	
PhysicalLocation	Class	
PhysicalHybridIndicator	Class	

Error and warnings

The following table describes the error codes and warnings generated by the *NGRM_SetClassProperties* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create class.
-14007	Class not approved	Parent class is not approved.
-14008	Class locked	Parent class is locked.
-14009	Box not with user	Box in which class is present is borrowed by another user.
-14016	Box locked	Box in which class is present is locked.
-6003	Invalid class	Invalid value of folder index provided in input.

File

The File consists of the following APIs:

- NGRM_CreateFile
- NGRM_DeleteFile
- NGRM_GetFileProperties
- NGRM_SetFileProperties

NGRM_CreateFile

This call allows you to create a file.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateFile_Input>
```

```
    <Option>NGRM_CreateFile</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1760626841</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Folder>
        <ParentFolderIndex>320</ParentFolderIndex>
        <FolderName>F</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <Owner>Supervisor</Owner>
        <FileIdentifier>121</FileIdentifier>
        <DataDefinition>
            <DataDefIndex>0</DataDefIndex>
            <Fields></Fields>
        </DataDefinition>
        <Comment>dd</Comment>
    </Folder>
    <Class>
        <BarCode>sdsd</BarCode>
        <VitalRecord>Y</VitalRecord>
        <ReviewerId>1</ReviewerId>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <VitalReviewDate>2012-04-21  23:59:59.000</VitalReviewDate>
        <NextClassType>Y</NextClassType>
        <BackupMedia>v</BackupMedia>
        <FileNumber>F</FileNumber>
        <PhysicalLocation>1</PhysicalLocation>
        <BoxID>11</BoxID>
        <CutOffRollOverRuleID>43</CutOffRollOverRuleID>
        <RetentionRuleID>37</RetentionRuleID>
        <StorageRuleID>7</StorageRuleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <GeneratedSequenceValues>F#</GeneratedSequenceValues>
        <AggregationLevel>P</AggregationLevel>
        <DispAuthorityName>asdf</DispAuthorityName>
        <TransferToNARA>Y</TransferToNARA>
    </Class>
</NGRM_CreateFile_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateFile* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable
UserDBId	Root	The UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable
ParentFolderIndex	Folder	It is the parent folder ID. • Valid values — Not applicable • Default values — Not applicable
FolderName	Folder	It is the folder name. • Valid values — Not applicable • Default values — Not applicable
OwnerIndex	Folder	It is index of owner. • Valid values — Not applicable • Default values — Not applicable
Owner	Folder	Name of the owner. • Valid values — Not applicable • Default values — Not applicable
FileIdentifier	Folder	File identifier. • Valid values — Not applicable • Default values — Not applicable
DataDefinition	Folder	It is the data class name that has to be associated with the folder. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
DataDefIndex	DataDefinition	It is the index ID. • Valid values — Not applicable • Default values — Not applicable
Fields	DataDefinition	It comprises a list of fields. • Valid values — Not applicable • Default values — Not applicable
Comment	Folder	Comment associated with this folder. • Valid values — Not applicable • Default values — Not applicable
BarCode	Class	Bar code associated with this folder. • Valid values — Not applicable • Default values — Not applicable
VitalRecord	Class	It specifies if it will contain vital record or not. • Valid values — Not applicable • Default values — Not applicable
ReviewerId	Class	Index of the reviewer. • Valid values — Not applicable • Default values — Not applicable
CyclicOrTimeBased	Class	Review would be cyclic or time based. • Valid values — C for cyclic and T for time-based • Default values — Not applicable
VitalReviewDate	Class	Review date if it is time based. • Valid values — Not applicable • Default values — Not applicable
NextClassType	Class	The type of the next class. • Valid values — Not applicable • Default values — Not applicable
BackupMedia	Class	Backup media associated with file. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent tag	Description
FileNumber	Class	The file number. • Valid values — Not applicable • Default values — Not applicable
PhysicalLocation	Class	Location ID. • Valid values — Not applicable • Default values — Not applicable
BoxID	Class	Box ID. • Valid values — Not applicable • Default values — Not applicable
CutOffRollOverRuleID	Class	Cutoff Rollover ID. • Valid values — Not applicable • Default values — Not applicable
RetentionRuleID	Class	Retention Rule ID. • Valid values — Not applicable • Default values — Not applicable
StorageRuleID	Class	Storage Rule ID. • Valid values — Not applicable • Default values — Not applicable
BorrowPeriod	Class	Borrow period. • Valid values — Not applicable • Default values — Not applicable
BorrowPeriodUnit	Class	Borrow period unit. • Valid values — Not applicable • Default values — Not applicable
GeneratedSequence Values	Class	• Valid values — Not applicable • Default values — Not applicable
AggregationLevel	Class	Aggregation level. • Valid values — P for folder and R for record • Default values — Not applicable

Parameter	Parent tag	Description
TransferToNARA	Class	Transfer to NARA. • Valid values — Y for transferring to NARA, else N • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_CreateFile_Output>
    <Option>NGRM_CreateFile</Option>
    <Status>0</Status>
    <LoginUserRights>11111111111</LoginUserRights>
    <Folder>
        <FolderIndex>384</FolderIndex>
        <ParentFolderIndex>320</ParentFolderIndex>
        <FolderName>F</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-04-16 18:07:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-16 18:07:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-16 18:07:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-04-15 18:07:23.43</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-04-15 18:07:23.43</ExpiryDateTime>
        <Comment>dd</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-04-15 18:07:23.43</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>0</DataDefinitionIndex>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>F</ObjectType>
        <VitalRecord>Y</VitalRecord>
        <VitalReviewCycle>N</VitalReviewCycle>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <ReviewerId>1</ReviewerId>
```

```
        <ReviewerName>Supervisor</ReviewerName>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>v</BackupMedia>
        <NextClassType>Y</NextClassType>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>43</CutOffRollOverRuleID>
        <RetentionRuleID>37</RetentionRuleID>
        <StorageRuleID>7</StorageRuleID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <DispAuthority>16</DispAuthority>
        <DispAuthorityGroupID>0</DispAuthorityGroupID>
        <DispAuthorityRoleID>0</DispAuthorityRoleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>1</PhysicalLocation>
        <BoxID>11</BoxID>
        <BarCode>sdsd</BarCode>
        <FileNumber>F</FileNumber>
        <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
        <FileIdentifier>121</FileIdentifier>
        <VitalReviewDate>2012-04-21  23:59:59.000</VitalReviewDate>
        <CurrentRequestee>0</CurrentRequestee>
        <GeneratedSequenceValues>F#</GeneratedSequenceValues>
        <FileCategory>/MyCab/Fileplan/00 test_ phase date _FP</FileCategory>
        <DispAuthorityName>asdf</DispAuthorityName>
        <AggregationLevel>P</AggregationLevel>
        <TransferToNARA>Y</TransferToNARA>
        <DispAuthorityName>asdf</DispAuthorityName>
    </Class>
</NGRM_CreateFile_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateFile* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	0 if call is successful.
LoginUserRights	Root	Give login user rights string.
FolderIndex	Folder	It is the ID of file created.
ParentFolderIndex	Folder	It is the parent folder ID.
FolderName	Folder	It is the folder name.

Parameter	Parent tag	Description
OwnerIndex	Folder	It is index of owner.
CreationDateTime	Folder	Created date time of file.
RevisedDateTime	Folder	Last revised date time of file.
AccessDateTime	Folder	Last accessed date time of file.
AccessType	Folder	Access type of the folder.
ImageVolumeIndex	Folder	Volume index of the folder where the documents added in this folder will be added, if no volume index is supplied in the AddDocument call.
FolderType	Folder	Indicates the folder type, namely G-General, A-Reserved.
FolderLock	Folder	Indicates if the folder is locked.
Location	Folder	Folder type of the parent folder of this folder namely Root, General, Inbox, SentItems, Trash, and so on.
DeletedDateTime	Folder	Date time when folder was deleted.
VersionFlag	Folder	
ExpiryDateTime	Folder	Expiry date and time of the folder.
Comment	Folder	Comment associated with this folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedDateTime	Folder	Date and time when the folder was finalized.
ACLMoreFlag	Folder	Reserved for internal use.
EnableFTSFlag	Folder	Reserved for internal use.
Owner	Folder	Owner of the folder.
DataDefinition	Folder	If data class is associated with this folder, then the whole description of the data class is displayed.

Parameter	Parent tag	Description
DataDefIndex	DataDefinition	Index of the data class associated with the folder, if any.
Fields	Folder	Outer tag containing information about the fields of the associated data class.
Field	Fields	Outer tag containing information about a single field of this data class.
IndexId	Field	Index of the data class field.
IndexName	Field	Name of the data class field.
IndexType	Field	Type of the data class field.
IndexLength	Field	Length of the data class field.
IndexAttribute	Field	Attribute of the data class field.
IndexFlag	Field	Specifies whether the given field is global or specific to this data class.
Pickable	Field	Flag to check that data field values can be picked up or not.
ObjectType	Class	Object type ID F for file.
VitalRecord	Class	It specifies if it will contain vital record or not.
VitalReviewCycle	Class	Review would be cyclic or time based.
CyclicOrTimeBased	Class	C for cyclic and T for time based.
ReviewerId	Class	Index of the reviewer.
ReviewerName	Class	Name of the reviewer.
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File numbering ID.
CutOffRollOverRuleID	Class	Cutoff rollover ID.

Parameter	Parent tag	Description
RetentionRuleID	Class	Retention rule ID.
StorageRuleID	Class	Storage rule ID.
RequestTransferNumId	Class	Request transfer number if request is generated.
DispAuthority	Class	Disposition authority ID.
DispAuthorityGroupID	Class	Disposition authority group ID.
DispAuthorityRoleID	Class	Disposition authority role ID.
BorrowPeriod	Class	Borrow period.
BorrowPeriodUnit	Class	Borrow period unit.
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
BarCode	Class	Bar code associated with this folder.
FileNumber	Class	File number
PhysicalHybridIndicator	Class	
FileIdentifier	Class	File identifier.
VitalReviewDate	Class	Review date if it is time based.
CurrentRequestee	Class	Current requestee if file is requested.
GeneratedSequenceValues	Class	
FileCategory	Class	File category
DispAuthorityName	Class	Disposition authority name.
AggregationLevel	Class	Aggregation level.
TransferToNARA	Class	Transfer to NARA.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_CreateFile* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create class.
-14007	Class not approved	Parent class is not approved.
-14008	Classlocked	Parent class is locked.
-14009	Box not with user	Box in which parent class is present is borrowed by other user.
-14016	Box locked	Box in which parent class is present is locked.
-6026	Parent folder not exist	Parent folder not exist.
-6027	Parent folder not a class	Parent folder not a class.
-13075	Aggregation level of CutOffRollOver rule is different	Aggregation level of CutOffRollOver rule is different.
-13076	Aggregation level of retention rule is different	Aggregation level of retention rule is different.
-13077	Aggregation level of storage rule is different	Aggregation level of storage rule is different.

NGRM_DeleteFile

This call allows you to delete a file.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteFile_Input>
    <Option>NGRM_DeleteFile</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1760626841</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>321</FolderIndex>
    <ReferenceFlag>Y</ReferenceFlag>
    <LockFlag>N</LockFlag>
    <CheckOutFlag>N</CheckOutFlag>
</NGRM_DeleteFile_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteFile* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable
UserDBId	Root	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — Not applicable • Default values — Not applicable
ParentFolderIndex	Root	It is the parent folder ID. • Valid values — Not applicable • Default values — Not applicable
ReferenceFlag	Root	It specifies whether to delete the folder, when the references exist for the documents within that folder or any of its subfolders. • Valid values: ◦ N — Don't delete folder if any reference for some document within that folder or any of its subfolders exists. ◦ Y — Delete folder even if reference exists for some document within that folder or any of its subfolders. • Default values — Not applicable

Parameter	Parent tag	Description
LockFlag	Root	It specifies whether to delete the folder, when any document within that folder or any of its subfolders is locked. • Valid values: ◦ N — Don't delete folder if any document exists within that folder or its subfolders that is locked. ◦ Y — Delete folder even if any document exists within that folder or its subfolders that is locked. • Default values — Not applicable
CheckOutFlag	Root	It specifies whether to delete the folder, when some checked out document exist within the folder or any of its subfolders. • Valid values: ◦ N — Don't delete folder if any checked out document exists within that folder or any of its subfolders. ◦ Y — Delete folder even if any checked out document exists within that folder or any of its subfolders. • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_DeleteFile_Output>
    <Option>NGRM_DeleteFile</Option>
    <Status>0</Status>
    <Folder>
        <FolderIndex>321</FolderIndex>
        <ReferenceFlag>Y</ReferenceFlag>
        <LockFlag>N</LockFlag>
        <CheckOutFlag>N</CheckOutFlag>
        <NoOfDeletedDocuments>2</NoOfDeletedDocuments>
        <TotalDocumentSize>0</TotalDocumentSize>
    </Folder>
    <Class></Class>
</NGRM_DeleteFile_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteFile* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the call.
Status	Root	0 if call is successful.
FolderIndex	Folder	It is the ID of the file.
ReferenceFlag	Folder	This flag can be used to find out why the folder is not deleted. Folder is not deleted because some of the documents are referenced in the folder or any of its subfolders. If *ReferenceFlag* is sent as *N* in input XML and if it returns the value *Y*, it shows that the folder is not deleted because some of the documents in the folder or its subfolder are referenced.
LockFlag	Folder	This flag is used to reason out why the folder is not deleted. Folder is not deleted because some of the documents in the folder or its subfolder are locked. If *LockFlag* is sent as *N* in input XML and if it returns the value *Y*, it shows that the folder is not deleted because some of the documents in the folder or its subfolder are locked.
CheckOutFlag	Folder	This flag can be used to find out why the folder is not deleted. Folder is not deleted because some of the documents are checked out in the folder or any of its subfolders. If *CheckOutFlag* is sent as *N* in input XML and if it returns the value *Y*, it shows that the folder is not deleted because some of the documents in the folder or its subfolder are checked out.
NoOfDeleted Documents	Folder	Total number of documents that are to be deleted.
TotalDocumentSize	Folder	Specifies the total size of all the documents together in the folder or its subfolders that are to be deleted.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_DeleteFile* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create class.
-14007	Class not approved	Parent class is not approved.
-14008	Class locked	Parent class is locked.
-14009	Box not with user	Box in which parent class is present is borrowed by another user.
-14016	Box locked	Box in which parent class is present is locked.

NGRM_CloseFile_Input

This call is used to close the file.

Sample request

```
<?xml version="1.0"?>
<NGRM_CloseFile_Input>
   <Option>NGRM_CloseFile</Option>
   <CabinetName>postgrescab</CabinetName>
   <UserDBId>1161735235</UserDBId>
   <LogGeneration>n</LogGeneration>
   <ObjectIndex>367</ObjectIndex>
   <FolderName>kjl</FolderName>
   <Comment>helloclose</Comment>
   <ClosedDateTime>2023-08-27</ClosedDateTime>
</NGRM_CloseFile_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CloseFile_Input* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	Unique Option for the call	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect	Yes
UserDBId	Root	Integer	User database ID, which is returned in the ngoconnectcabinet call	Yes
LogGeneration	Root	String	Allows log generation	No
ObjectIndex	Root	Integer	Index of file	Yes
FolderName	Root	string	name of the folder	Yes
Comment	Root	String	Reason to close the file	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_CloseFile_Output>
   <Option>NGRM_CloseFile</Option>
   <Status>0</Status>
   <Class>
       <ObjectIndex>367</ObjectIndex>
   </Class>
</NGRM_CloseFile_Output>
```

Response parameter description

The following table describes the output parameter of the *NGRM_CloseFile_Input* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
Class	Parent tag	Class
ObjectIndex	Root	Index of file

Errors and warnings

The following table describes the error codes and description of the *NGRM_CloseFile_Input* API:

Error code	Description
-6047	File Already Closed.

NGRM_ReOpenFile_Input

This call is used to reopen the file.

Sample request

```
<?xml version="1.0"?>
<NGRM_ReOpenFile_Input>
   <Option>NGRM_ReOpenFile</Option>
   <CabinetName>postgrescab</CabinetName>
   <UserDBId>332124255</UserDBId>
   <LogGeneration>n</LogGeneration>
   <ObjectIndex>367</ObjectIndex>
   <FolderName>kjl</FolderName>
```

```
   <Comment>reopenhello</Comment>
</NGRM_ReOpenFile_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ReOpenFile_Input* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	Unique Option for the call	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect	Yes
UserDBId	Root	Integer	User database ID, which is returned in the ngoconnectcabinet call	Yes
LogGeneration	Root	String	Allows log generation	No
ObjectIndex	Root	Integer	Index of file	Yes
FolderName	Root	string	name of the folder	Yes
Comment	Root	String	Reason to close the file	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_ReOpenFile_Output>
   <Option>NGRM_ReOpenFile</Option>
   <Status>0</Status>
   <Class>
       <ObjectIndex>367</ObjectIndex>
   </Class>
</NGRM_ReOpenFile_Output>
```

Response parameter description

The following table describes the output parameter of the *NGRM_ReOpenFile_Input* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
Class	Parent tag	Class
ObjectIndex	Root	Index of file

NGRM_GetFileProperties

This call allows you to get the properties of a file.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetFileProperties_Input>
    <Option>NGRM_GetFileProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>323</FolderIndex>
    <DataAlsoFlag>Y</DataAlsoFlag>
    <FromCreateFilePart>n</FromCreateFilePart>
</NGRM_GetFileProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetFileProperties* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable
UserDBId	Root	*UserDatabase* ID, which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — *Y* for yes and *N* for no. • Default values — Not applicable
FolderIndex	Root	Folder index of file. • Valid values — Not applicable • Default values — Not applicable
DataAlsoFlag	Root	Returns the associated data class. • Valid values — *Y* for yes and *N* for no. • Default values — Not applicable
FromCreateFilePart	Root	For internal use to check file numbering rule. • Valid values — *Y* for yes and *N* for no. • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_GetFileProperties_Output>
    <Option>NGRM_GetFileProperties</Option>
    <Status>0</Status>
    <LoginUserRights>1111111111</LoginUserRights>
    <Folder>
        <FolderIndex>323</FolderIndex>
        <ParentFolderIndex>320</ParentFolderIndex>
        <FolderName>B_Rec</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-01-25 12:46:00.0</CreationDateTime>
        <RevisedDateTime>2012-01-25 12:46:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-17 11:43:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-01-24 12:46:13.853</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-01-24 12:46:13.853</ExpiryDateTime>
        <Comment>bnjbj</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-01-24 12:46:13.853</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>0</DataDefinitionIndex>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>F</ObjectType>
        <Code>C#</Code>
        <VitalRecord>N</VitalRecord>
        <ReviewerId>0</ReviewerId>
        <SearchOptions>A</SearchOptions>
        <NextClassType>N</NextClassType>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
        <RetentionRuleID>38</RetentionRuleID>
        <StorageRuleID>8</StorageRuleID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <DispAuthority>16</DispAuthority>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>1</PhysicalLocation>
        <BoxID>11</BoxID>
        <OpenedDateTime>2012-01-25 12:46:00.0</OpenedDateTime>
```

```
        <ClosedDateTime>2012-02-17 14:31:27.767</ClosedDateTime>
        <FileNumber>B</FileNumber>
        <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
        <FileIdentifier>1234</FileIdentifier>
        <CurrentRequestee>0</CurrentRequestee>
        <GeneratedSequenceValues>B#</GeneratedSequenceValues>
        <FileCategory>/MyCab/Fileplan/00 test_ phase date _FP</FileCategory>
        <FileNumberingRule>filno_rule</FileNumberingRule>
        <CutOffRule>mycutoff_R</CutOffRule>
        <RetentionRule>myretention_R</RetentionRule>
        <StorageRule>00test1_R</StorageRule>
        <DispAuthorityName>asdf</DispAuthorityName>
        <PhysicalLocationName>D-152</PhysicalLocationName>
        <BoxName>allbox2</BoxName>
        <FileNumberingOption>A</FileNumberingOption>
        <OpenFilePartIndex>370</OpenFilePartIndex>
        <AggregationLevel>R</AggregationLevel>
        <TransferToNARA>N</TransferToNARA>
        <DispAuthorityName>asdf</DispAuthorityName>
    </Class>
    <OpenFilePartIndex>370</OpenFilePartIndex>
</NGRM_GetFileProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetFileProperties* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	0 if call is successful.
FolderIndex	Folder	It is the ID of file.
LoginUserRights	Root	Give login user rights string.
FolderIndex	Folder	It is the ID of file created.
ParentFolderIndex	Folder	It is the parent folder ID.
FolderName	Folder	It is the folder name.
OwnerIndex	Folder	It is index of owner.
CreationDateTime	Folder	Created date time of file.

Parameter	Parent tag	Description
RevisedDateTime	Folder	Last revised date time of file.
AccessDateTime	Folder	Last accessed date time of file.
AccessType	Folder	Access type of the folder.
ImageVolumeIndex	Folder	Volume index of the folder where the documents added in this folder will be added, if no volume index is supplied in the AddDocument call.
FolderType	Folder	Indicates the type of the folder, namely G-General, A-Reserved.
FolderLock	Folder	Indicates if the folder is locked.
Location	Folder	Folder type of the parent folder of this folder namely Root, General, Inbox, SentItems, Trash, and so on.
DeletedDateTime	Folder	Date time when folder was deleted
VersionFlag	Folder	
ExpiryDateTime	Folder	Expiry date and time of the folder.
Comment	Folder	Comment associated with this folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedDateTime	Folder	Date and time when the folder was finalized.
ACLMoreFlag	Folder	Reserved for internal use.
EnableFTSFlag	Folder	Reserved for internal use.
Owner	Folder	Owner of the folder
DataDefinition	Folder	If data class is associated with this folder, then the whole description of the data class is displayed.
DataDefIndex	DataDefinition	Index of the data class associated with the folder, if any.

Parameter	Parent tag	Description
Fields	Folder	Outer tag containing information about the fields of the associated data class.
Field	Fields	Outer tag containing information about a single field of this data class.
IndexId	Field	Index of the data class field.
IndexName	Field	Name of the data class field.
IndexType	Field	Type of the data class field.
IndexLength	Field	Length of the data class field.
IndexAttribute	Field	Attribute of the data class field.
IndexFlag	Field	Specifies whether the given field is global or specific to this data class.
Pickable	Field	Flag to check that data field values can be picked up or not.
ObjectType	Class	Object Type ID F for file.
VitalRecord	Class	It specifies if it will contain vital record or not.
VitalReviewCycle	Class	Review would be cyclic or time based.
CyclicOrTimeBased	Class	C for cyclic and T for time-based.
ReviewerId	Class	Index of the reviewer.
ReviewerName	Class	Name of the reviewer.
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File numbering ID
CutOffRollOverRuleID	Class	Cutoff rollover ID
RetentionRuleID	Class	Retention rule ID

Parameter	Parent tag	Description
StorageRuleID	Class	Storage rule ID
RequestTransferNumId	Class	Request transfer number if request is generated.
DispAuthority	Class	Disposition authority ID.
DispAuthorityGroupID	Class	Disposition authority group ID.
DispAuthorityRoleID	Class	Disposition authority role ID.
BorrowPeriod	Class	Borrow period
BorrowPeriodUnit	Class	Borrow period unit
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
BarCode	Class	Bar code associated with this folder.
FileNumber	Class	File number
PhysicalHybridIndicator	Class	
FileIdentifier	Class	File identifier
VitalReviewDate	Class	Review date if it is time-based.
CurrentRequestee	Class	Current requestee if file is requested.
GeneratedSequenceValues	Class	
FileCategory	Class	File category
DispAuthorityName	Class	Disposition authority name
AggregationLevel	Class	Aggregation level
TransferToNARA	Class	Transfer to NARA
code	Class	
OpenedDateTime	Class	Opened date time of file.
ClosedDateTime	Class	Closed date time of file.
FileNumberingRule	Class	File numbering name
CutOffRule	Class	Cutoff rollover name

Parameter	Parent tag	Description
RetentionRule	Class	Retention rule name
StorageRule	Class	Storage rule name
DispAuthorityName	Class	Disposition authority name
PhysicalLocationName	Class	Location name
BoxName	Class	Box name
FileNumberingOption	Class	
OpenFilePartIndex	Class	Index of open filepart in file.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_GetFileProperties* API:

Error Code	Error message	Description
-6002	Invalid file ID	Invalid file ID.

NGRM_SetFileProperties

This call allows you to change the properties of a file.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetFileProperties_Input>
    <Option>NGRM_SetFileProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Folder>
        <FolderName>C_R</FolderName>
        <FolderIndex>325</FolderIndex>
        <Owner>Supervisor</Owner>
```

```
        <FileIdentifier>234</FileIdentifier>
        <TransferToNARA>Y</TransferToNARA>
        <DataDefinition>
            <DataDefIndex>0</DataDefIndex>
            <Fields></Fields>
        </DataDefinition>
        <Comment>asdg</Comment>
    </Folder>
    <Class>
        <BarCode>s</BarCode>
        <VitalRecord>N</VitalRecord>
        <NextClassType>Y</NextClassType>
        <BackupMedia>XA</BackupMedia>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
        <RetentionRuleID>38</RetentionRuleID>
        <StorageRuleID>8</StorageRuleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>1</PhysicalLocation>
        <BoxID>11</BoxID>
        <AggregationLevel>R</AggregationLevel>
        <NeedAuditLog>Y</NeedAuditLog>
        <DispAuthorityName>asdf</DispAuthorityName>
    </Class>
</NGRM_SetFileProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetFileProperties* API:

Parameter	Parent tag	Data type	Description	Mar
Option	Root	String	Unique option for the call. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mar
CabinetName	Root	String	Name of the cabinet to which the User wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
Folder	NGRM_SetFileProperties_Input	Parent tag	Sends the details of the foiner of which we need to modify details • Valid values — Not applicable • Default values — Not applicable	Yes
FolderName	Folder	String	It is the folder name. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mar
Access Type	Folder	String	Access type of the folder. • Valid values — Not applicable • Default values — Not applicable	Yes
FolderIndex	Folder	Integer	It is the ID of the folder. • Valid values — Not applicable • Default values — Not applicable	Yes
ImageVolumeIndex	Folder	Integer	Volume Index of the Folder where the documents added in this folder will be added, if no Volume Index is supplied in the Add Document call. • Valid values — Not applicable • Default values — Not applicable	Yes
OwnerIndex	Folder	Integer	It is the data class name which has to be associated with the folder. • Valid values — Not applicable • Default values — Not applicable	Yes
Owner	Folder	Integer	Owner of the folder. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mar
OwnerType	Folder	String	Owner type of the folder. • Valid values — U for User, G for Group, and R for Role • Default values — Not applicable	Yes
FileIdentifier	Folder	N/A	File identifier. • Valid values — Not applicable • Default values — Not applicable	Yes
TransferToNARA	Folder	String	Transfer to NARA. • Valid values — Y indicates transfer to NARA, while N indicates no transfer to NARA. • Default values — Not applicable	No
DataDefinition	Folder, DataDefinition	N/A	If Data Class is associated with this folder, then the whole description of the Data Class is displayed	No
DataDefIndex	Folder, DataDefinition	Integer	Index of the Data Class associated with the folder, if any • Valid values — Not applicable • Default values — Not applicable	Yes
DataDefName	Folder, DataDefinition	String	Name of the dataclass • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mar
Fields	Folder	String	fields of the dataclass • Valid values — Not applicable • Default values — Not applicable	N/A
Comment	Folder	String	Comment associated with this folder • Valid values — Not applicable • Default values — Not applicable	No
FinalizedFlag	Folder	String	Indicates if this folder is finalized • Valid values — Y for yes and N for no • Default values — Not applicable	Yes
AccessDateTime	Folder	String	Last Accessed Date Time of file • Valid values — datetime • Default values — Not applicable	No
Class	Class	String	Sends the details of the folder of which we need to modify details • Valid values — Not applicable • Default values — Not applicable	N/A
Code	Class	String	Not applicable	No

Parameter	Parent tag	Data type	Description	Mar
BarCode	Class	Integer,String	Bar code associated with this folder. • Valid values — Not applicable • Default values — Not applicable	No
VitalRecord	Class	Y/N	It specifies if it will contain vital record or not • Valid values — Not applicable • Default values — Not applicable	No
NextClassType	Class	Parent Tag	Not applicable	No
SearchOptions	Class	String	Not applicable	No
BackupMedia	Class	String	If specifies that backup media of file • Valid values — Tape, CD ROM • Default values — Not applicable	No
FileNumberingID	Class	String,Integer	File Numbering ID • Valid values — P for folder and R for record • Default values — Not applicable	Yes
RequestTransferNumId	Class	String, Integer	Request Transfer Number if request is generated • Valid values — P for folder and R for record • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mar
CutOffRollOverRuleID	Class	String,Integer	Cutoff rollover ID • Valid values — Not applicable • Default values — Not applicable	Yes
RetentionRuleID	Class	String,Integer	Retention rule ID • Valid values — Not applicable • Default values — Not applicable	Yes
StorageRuleID	Class	Integer,String	Storage rule ID • Valid values — Not applicable • Default values — Not applicable	Yes
DispAuthority	Class	String	Disposition Authority ID • Valid values — P for folder and R for record • Default values — Not applicable	Yes
FileNumber	Class	String	File number • Valid values — P for folder and R for record • Default values — Not applicable	Yes
BorrowPeriod	Class	Integer	Borrow period • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent tag	Data type	Description	Mar
BorrowPeriodUnit	Class	Integer	Borrow period unit • Valid values — Not applicable • Default values — Not applicable	No
OpenedDateTime	Class	Date	Opened Date Time of File • Valid values — P for folder and R for record • Default values — Not applicable	No
Status	Class	String	Status of folder • Valid values — P for folder and R for record • Default values — Not applicable	No
PhysicalLocation	Class	String	Location Name • Valid values — P for folder and R for record • Default values — Not applicable	Yes
BoxID	Class	String	Box ID • Valid values — Not applicable • Default values — Not applicable	Yes
AggregationLevel	Class	String	It refers to aggregation level. • Valid values — P for folder and R for record • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mar
NeedAuditLog	Class	String	Need to auditLog generation • Valid values — P for folder and R for record • Default values — Not applicable	No
DispAuthorityName	Class	String	Disposition Authority Name • Valid values — P for folder and R for record • Default values — Not applicable	Yes
SecurityClassificationLevel	Class	String	Security Classification of the folder • Valid values — P for folder and R for record • Default values — Not applicable	Yes
PhysicalHybridIndicator	Class	String	If physicalHybridIndicator, is P, H, D specifies only paperprofile, or paperprofile or record or only record added • Valid values — P for folder and R for record • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mar
Suspended	Class	String	Folder is suspended or not • Valid values — P for folder and R for record • Default values — Not applicable	No
Locale	Class	String	It specifies that browser language • Valid values — P for folder and R for record • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_SetFileProperties_Output>
    <Option>NGRM_SetFileProperties</Option>
    <Status>0</Status>
    <LoginUserRights>1111111111</LoginUserRights>
    <Folder>
        <FolderIndex>325</FolderIndex>
        <ParentFolderIndex>320</ParentFolderIndex>
        <FolderName>C_R</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-01-25 12:54:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-17 11:47:49.8</RevisedDateTime>
        <AccessDateTime>2012-04-17 11:47:49.8</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-01-24 12:54:32.94</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-01-24 12:54:32.94</ExpiryDateTime>
        <Comment>asdg</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-01-24 12:54:32.94</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
```

```
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition></DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>F</ObjectType>
        <VitalRecord>N</VitalRecord>
        <VitalReviewCycle>N</VitalReviewCycle>
        <CyclicOrTimeBased>N</CyclicOrTimeBased>
        <BackupMedia>XA</BackupMedia>
        <NextClassType>Y</NextClassType>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
        <RetentionRuleID>38</RetentionRuleID>
        <StorageRuleID>8</StorageRuleID>
        <DispAuthority>16</DispAuthority>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>1</PhysicalLocation>
        <BoxID>11</BoxID>
        <BarCode>s</BarCode>
        <FileIdentifier>234</FileIdentifier>
        <CurrentRequestee>0</CurrentRequestee>
        <DispAuthorityName>asdf</DispAuthorityName>
        <AggregationLevel>R</AggregationLevel>
        <TransferToNARA>Y</TransferToNARA>
        <DispAuthorityName>asdf</DispAuthorityName>
    </Class>
</NGRM_SetFileProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetFileProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	0 if call is successful
LoginUserRights	Root	Give login user rights string
FolderIndex	Folder	It is the id of file
ParentFolderIndex	Folder	It is the parent folder id

Parameter	Parent Tag	Description
FolderName	Folder	It is the folder name
OwnerIndex	Folder	It is index of owner
CreationDateTime	Folder	Created Date Time of file
RevisedDateTime	Folder	Last Revised Date Time of file
AccessDateTime	Folder	Last Accessed Date Time of file
AccessType	Folder	Access Type of the folder
ImageVolumeIndex	Folder	Volume Index of the Folder where the documents added in this folder will be added, if no Volume Index is supplied in the Add Document call
FolderType	Folder	Indicates the Type of the folder, namely G-General, A-Reserved
FolderLock	Folder	Indicates if the folder is locked
Location	Folder	Folder Type of the Parent Folder of this folder namely Root, General, Inbox, SentItems, Trash etc.
DeletedDateTime	Folder	Date time when folder was deleted
VersionFlag	Folder	
ExpiryDateTime	Folder	Expiry Date and Time of the folder
Comment	Folder	Comment associated with this folder
FinalizedFlag	Folder	Indicates if this folder is finalized
FinalizedDateTime	Folder	Date and Time when the folder was finalized
ACLMoreFlag	Folder	Reserved for internal use
EnableFTSFlag	Folder	Reserved for internal use
Owner	Folder	Owner of the folder
DataDefinition	Folder	If Data Class is associated with this folder, then the whole description of the Data Class is displayed

Parameter	Parent Tag	Description
DataDefIndex	DataDefinition	Index of the Data Class associated with the folder, if any
Fields	Folder	Outer Tag containing information about the fields of the associated Data Class
Field	Fields	Outer Tag containing information about a single field of this data class
IndexId	Field	Index of the Data Class field
IndexName	Field	Name of the Data Class field
IndexType	Field	Type of the Data Class field
IndexLength	Field	Length of the Data Class field
IndexAttribute	Field	Attribute of the Data Class Field
IndexFlag	Field	Specifies whether the given field is Global or specific to this Data Class
Pickable	Field	Flag to check that data field values can be picked up or not
ObjectType	Class	Object Type id 'F' for file
VitalRecord	Class	It specifies if it will contain vital record or not
VitalReviewCycle	Class	Review would be cyclic or time based
CyclicOrTimeBased	Class	C' for cyclic and 'T' for time based
ReviewerId	Class	Index of the Reviewer
ReviewerName	Class	Name of the Reviewer
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File Numbering ID
CutOffRollOverRuleID	Class	Cutoff Rollover ID

Parameter	Parent Tag	Description
RetentionRuleID	Class	Retention Rule ID
StorageRuleID	Class	Storage Rule ID
RequestTransferNumId	Class	Request Transfer Number if request is generated
DispAuthority	Class	Disposition Authority ID
DispAuthorityGroupID	Class	Disposition Authority group ID
DispAuthorityRoleID	Class	Disposition Authority role ID
BorrowPeriod	Class	Borrow Period
BorrowPeriodUnit	Class	Borrow Period Unit
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
BarCode	Class	Bar Code associated with this folder.
FileNumber	Class	File number
PhysicalHybridIndicator	Class	
FileIdentifier	Class	File Identifier
VitalReviewDate	Class	Review date if it is time based
CurrentRequestee	Class	Current Requestee if file is requested
GeneratedSequenceValues	Class	
FileCategory	Class	File Category
DispAuthorityName	Class	Disposition Authority Name
AggregationLevel	Class	Aggregation Level
TransferToNARA	Class	Transfer to NARA

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_SetFileProperties* API:

Error code	Description
-500	Database error

NGOChangeFolderProperty

This call is used to change the properties of a folder.

Sample request

```
<?xml version="1.0"?>
<NGOChangeFolderProperty_Input>
   <Option>NGOChangeFolderProperty</Option>
   <CabinetName>postgrescab</CabinetName>
   <UserDBId>1361006797</UserDBId>
   <Folder>
       <FolderIndex>494</FolderIndex>
       <NameLength>255</NameLength>
       <EnableFTSFlag>Y</EnableFTSFlag>
       <VersionFlag>N</VersionFlag>
       <Comment>C</Comment>
   </Folder>
</NGOChangeFolderProperty_Input>
```

Request parameter description

The following table describes the input parameters of the *NGOChangeFolderProperty* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	Unique Option for the call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	Userdatabase ID, which is returned in the ngoconnectcabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation	No

Parameter	Parent tag	Data type	Description	Mandatory
			• Valid values — Not applicable • Default values — Not applicable	
Folder	NGRM_SetFileProperties_Input	Parent tag	Sends the details of the folder of which we need to modify details • Valid values — Not applicable • Default values — Not applicable	Yes
FolderIndex	Folder	Integer	Id of the folder • Valid values — Not applicable • Default values — Not applicable	Yes
NameLength	Folder	String	Length of character • Valid values — Not applicable • Default values	Yes

Parameter	Parent tag	Data type	Description	Mandatory
			— Not applicable	
EnableFTSFlag	Folder	String	Enable FTS Flag • Valid values — Not applicable • Default values — Not applicable	Yes
VersionFlag	Folder	String	Enable version flag • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	Folder	String	Reason for deletion • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGOChangeFolderProperty_Output>
   <Option>NGOChangeFolderProperty</Option>
   <Status>0</Status>
```

```
   <UserDBId>1361006797</UserDBId>
   <LoginUserIndex>1</LoginUserIndex>
   <Folder>
       <LoginUserRights>111111111111</LoginUserRights>
       <FolderIndex>494</FolderIndex>
       <ParentFolderIndex>140</ParentFolderIndex>
       <FolderName>DeleteFileTesting</FolderName>
       <OwnerIndex>1</OwnerIndex>
       <CreationDateTime>2023-07-11 10:21:10</CreationDateTime>
       <RevisedDateTime>2023-08-27 12:27:32</RevisedDateTime>
       <AccessDateTime>2023-08-27 12:27:32</AccessDateTime>
       <AccessType>I</AccessType>
       <ImageVolumeIndex>1</ImageVolumeIndex>
       <FolderType>G</FolderType>
       <FolderLock>N</FolderLock>
       <Location>G</Location>
       <DeletedDateTime>2123-07-11 10:21:10.330645</DeletedDateTime>
       <VersionFlag>N</VersionFlag>
       <ExpiryDateTime>2123-07-11 10:21:10.330645</ExpiryDateTime>
       <Comment>C</Comment>
       <FinalizedFlag>N</FinalizedFlag>
       <FinalizedDateTime>2123-07-11 10:21:10.330645</FinalizedDateTime>
       <ACLMoreFlag>N</ACLMoreFlag>
       <EnableFTSFlag>Y</EnableFTSFlag>
       <OwnerInheritance>N</OwnerInheritance>
       <Owner>Supervisor</Owner>
       <LockByUser>NULL</LockByUser>
       <FinalizedBy>NULL</FinalizedBy>
       <NoOfSubFolders>3</NoOfSubFolders>
       <NoOfDocuments>0</NoOfDocuments>
       <NoOfReferencedDocuments>0</NoOfReferencedDocuments>
       <NoOfReferencedFolders>0</NoOfReferencedFolders>
       <ISSecureFlag>N</ISSecureFlag>
       <OwnerType>U</OwnerType>
   </Folder>
</NGOChangeFolderProperty_Output>
```

Response parameter description

The following table describes the output parameter of the *NGOChangeFolderProperty* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the Call

Parameter	Parent tag	Description
Status	Root	Status returned for the call
LoginUserRights	Root	Give login user rights string
LoginUserIndex	Root	Index of logged in user
Folder	Folder	Parent Tag
FolderIndex	Folder	It is the id of file created
ParentFolderIndex	Folder	It is the parent folder id
FolderName	Folder	It is the folder name
OwnerIndex	Folder	It is index of owner
Owner	Folder	Owner of the folder
OwnerType	Folder	U,G,R User,Group, Role
CreationDateTime	Folder	Created Date Time of file
RevisedDateTime	Folder	Last Revised Date Time of file
AccessDateTime	Folder	Last Accessed Date Time of file
AccessType	Folder	Access Type of the folder
ImageVolumeIndex	Folder	Volume Index of the Folder where the documents added in this folder will be added, if no Volume Indexis supplied in th Add Document call
FolderType	Folder	Indicates the Type of the folder, namely G-General, A-Reserve
FolderLock	Folder	Indicates if the folder is locked
Location	Folder	Folder Type of the Parent Folder of this folder namely Root, Ge Inbox, SentItems, Trash etc.
DeletedDateTime	Folder	Date time when folder was deleted
VersionFlag	Folder	
ExpiryDateTime	Folder	Expiry Date and Time of the folder
Comment	Folder	Comment associated with this folder
FinalizedFlag	Folder	Indicates if this folder is finalized
FinalizedDateTime	Folder	Date and Time when the folder was finalized

Parameter	Parent tag	Description
ACLMoreFlag	Folder	Reserved for internal use
EnableFTSFlag	Folder	Reserved for internal use
OwnerInheritance	Folder	Inherited by Owner
ObjectType	Folder	Object Type id 'F' for file
LockedByUser	Folder	Owner
FinalizedBy	Folder	
NoOfSubFolders	Folder	Total no of sub folder exist
NoOfDocuments	Folder	Total no of sub folder exist
NoOfReferencedDocuments	Folder	Total no of referenced document exist
NoOfReferencedFolders	Folder	Total no of referenced folder exist
ISSecureFlag	Folder	Reserved for internal use

Errors and warnings

Filepart

The Filepart consists of the following APIs:

- NGRM_GetOpenFilePart
- NGRM_CreateFilePart
- NGRM_DeleteFilePart
- NGRM_GetFilePartProperties
- NGRM_SetFilePartProperties
- NGRM_CloseFilePart
- NGRM_ReOpenFilePart
- NGRM_PutInBox
- NGRM_RemoveFromBox

- NGRM_SuspendReleaseFilePart

NGRM_GetOpenFilePart

This call gives a list of open filepart in a file.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_GetOpenFilePart* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable
UserDBId	Root	*UserDatabase* ID which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
FolderIndex	Root	Folder index of Filepart • Valid values — Not applicable • Default values — Not applicable

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_GetOpenFilePart* API:

Parameter	Parent Tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
OpenFilePartIndex	Root	It is the ID of the open Filepart present in the File.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_GetOpenFilePart* API:

Error code	Error message	Description
-6043	No open filepart exists	All fileparts are closed.

NGRM_CreateFilePart

This call allows you to create a Filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateFilePart_Input>
    <Option>NGRM_CreateFilePart</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
```

```
    <LogGeneration>y</LogGeneration>
    <Folder>
        <ParentFolderIndex>323</ParentFolderIndex>
        <FolderName>B_Rec</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <DataDefinition>
            <DataDefIndex>0</DataDefIndex>
            <DataDefName></DataDefName>
            <Fields></Fields>
        </DataDefinition>
        <Comment>dvdcs</Comment>
    </Folder>
    <Class>
        <BarCode>sds</BarCode>
        <VitalRecord>Y</VitalRecord>
        <ReviewerId>1</ReviewerId>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <VitalReviewDate>2012-04-20  23:59:59.000</VitalReviewDate>
        <BackupMedia>sds</BackupMedia>
        <FilePartNumber>C</FilePartNumber>
        <FileNumber>B</FileNumber>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <GeneratedSequenceValues>C#</GeneratedSequenceValues>
        <AggregationLevel>R</AggregationLevel>
    </Class>
</NGRM_CreateFilePart_Input>
```

Request parameters description

The following table describes the input parameters of the *NGRM_CreateFilePart* API:

Parameter	Parent Tag	Description
Option	Root	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable

Parameter	Parent Tag	Description
UserDBId	Root	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable
ParentFolderIndex	Folder	It is the parent folder ID. • Valid values — Not applicable • Default values — Not applicable
FolderName	Folder	It is the folder name. • Valid values — Not applicable • Default values — Not applicable
OwnerIndex	Folder	It is an index of the owner. • Valid values — Not applicable • Default values — Not applicable
Owner	Folder	Name of the owner. • Valid values — Not applicable • Default values — Not applicable
DataDefinition	Folder	It is the data class name which has to be associated with the folder. • Valid values — Not applicable • Default values — Not applicable
DataDefIndex	DataDefinition	It is the index ID. • Valid values — Not applicable • Default values — Not applicable
Fields	DataDefinition	It contains a list of fields. • Valid values — Not applicable • Default values — Not applicable
Comment	Folder	Comment associated with this folder. • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent Tag	Description
BarCode	Class	Bar code associated with this folder. • Valid values — Not applicable • Default values — Not applicable
VitalRecord	Class	It specifies if it will contain a vital record or not. • Valid values — Y for yes and N for no • Default values — Not applicable
ReviewerId	Class	Index of the reviewer. • Valid values — Not applicable • Default values — Not applicable
CyclicOrTimeBased	Class	Review would be cyclic or time-based. • Valid values — C for cyclic and T for time-based • Default values — Not applicable
VitalReviewDate	Class	Review date if it is time-based. • Valid values — Not applicable • Default values — Not applicable
BackupMedia	Class	Backup media associated with Filepart. • Valid values — Not applicable • Default values — Not applicable
FilePartNumber	Class	It is the Filepart number. • Valid values — Not applicable • Default values — Not applicable
PhysicalLocation	Class	Location ID • Valid values — Not applicable • Default values — Not applicable
BoxID	Class	Box ID • Valid values — Not applicable • Default values — Not applicable
GeneratedSequence Values	Class	

Parameter	Parent Tag	Description
AggregationLevel	Class	Aggregation level of the Filepart. • Valid values — P for folder and R for record • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_CreateFilePart_Output>
    <Option>NGRM_CreateFilePart</Option>
    <Status>0</Status>
    <LoginUserRights>11111111111</LoginUserRights>
    <Folder>
        <FolderIndex>385</FolderIndex>
        <ParentFolderIndex>323</ParentFolderIndex>
        <FolderName>B_Rec(2012_4_17_11_55_0_557)</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-04-17 11:55:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-17 11:55:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-17 11:55:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-04-16 11:55:00.557</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-04-16 11:55:00.557</ExpiryDateTime>
        <Comment>dvdcs</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-04-16 11:55:00.557</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>0</DataDefinitionIndex>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>P</ObjectType>
        <VitalRecord>Y</VitalRecord>
        <DueForReviewFlag>Y</DueForReviewFlag>
        <VitalReviewCycle>N</VitalReviewCycle>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
```

```
        <ReviewerId>1</ReviewerId>
        <ReviewerName>Supervisor</ReviewerName>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>sds</BackupMedia>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
        <RetentionRuleID>38</RetentionRuleID>
        <StorageRuleID>8</StorageRuleID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <DispAuthority>16</DispAuthority>
        <DispAuthorityGroupID>0</DispAuthorityGroupID>
        <DispAuthorityRoleID>0</DispAuthorityRoleID>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <BarCode>sds</BarCode>
        <FileStatus>O</FileStatus>
        <FileNumber>B</FileNumber>
        <FilePartNumber>C</FilePartNumber>
        <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
        <PermanentRecordIndicator>N</PermanentRecordIndicator>
        <Suspended></Suspended>
        <VitalReviewDate>2012-04-20  23:59:59.000</VitalReviewDate>
        <CurrentRequestee>0</CurrentRequestee>
        <GeneratedSequenceValues>C#</GeneratedSequenceValues>
        <FileCategory>/MyCab/Fileplan/00 test_ phase date _FP/B_Rec</FileCategory>
        <AggregationLevel>R</AggregationLevel>
    </Class>
</NGRM_CreateFilePart_Output>
```

Response parameters description

The following table describes the output parameters of the *NGRM_CreateFilePart* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	0 if call is successfull
LoginUserRights	Root	Give login user rights string.
FolderIndex	Folder	It is the ID of the filepart created.
ParentFolderIndex	Folder	It is the parent folder ID.

Parameter	Parent tag	Description
FolderName	Folder	It is the folder name.
OwnerIndex	Folder	It is index of owner.
CreationDateTime	Folder	Created date time of Filepart
RevisedDateTime	Folder	Last revised date time of Filepart.
AccessDateTime	Folder	Last accessed date time of Filepart.
AccessType	Folder	Access type of the folder.
ImageVolumeIndex	Folder	Volume index of the folder where the documents added in this folder will be added, if no volume index is supplied in the Add Document call.
FolderType	Folder	Indicates the type of the folder, namely G-general, A-reserved.
FolderLock	Folder	Indicates if the folder is locked.
Location	Folder	Folder type of the parent folder of this folder namely Root, General, Inbox, SentItems, Trash, and so on.
DeletedDateTime	Folder	Date time when folder was deleted.
VersionFlag	Folder	Specifies whether versioning of document is allowed.
ExpiryDateTime	Folder	Expiry date and time of the folder.
Comment	Folder	Comment associated with this folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedDateTime	Folder	Date and time when the folder was finalized.
ACLMoreFlag	Folder	Reserved for internal use.
EnableFTSFlag	Folder	Reserved for internal use.
Owner	Folder	Owner of the folder.
DataDefinition	Folder	If data class is associated with this folder, then the whole description of the data class is displayed.
DataDefIndex	DataDefinition	Index of the data class associated with the folder, if any.

Parameter	Parent tag	Description
Fields	Folder	Outer tag containing information about the fields of the associated data class.
Field	Fields	Outer tag containing information about a single field of this data class.
IndexId	Field	Index of the data class field.
IndexName	Field	Name of the data class field.
IndexType	Field	Type of the data class field.
IndexLength	Field	Length of the data class field.
IndexAttribute	Field	Attribute of the data class field.
IndexFlag	Field	Specifies whether the given field is the global or specific to this data class.
Pickable	Field	Flag to check that data field values can be picked up or not.
ObjectType	Class	Object type ID *P* for Filepart.
VitalRecord	Class	It specifies if it will contain vital record or not.
DueForReviewFlag	Class	*Y* if Filepart is due for review, otherwise *N*.
VitalReviewCycle	Class	Review would be cyclic or time-based.
CyclicOrTimeBased	Class	*C* for cyclic and *T* for time-based.
ReviewerId	Class	Index of the reviewer.
ReviewerName	Class	Name of the reviewer.
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File Numbering ID
CutOffRollOverRuleID	Class	Cutoff Rollover ID
RetentionRuleID	Class	Retention Rule ID
StorageRuleID	Class	Storage Rule ID

Parameter	Parent tag	Description
RequestTransferNumId	Class	Request Transfer Number if request is generated.
DispAuthority	Class	Disposition Authority ID.
DispAuthorityGroupID	Class	Disposition Authority group ID.
DispAuthorityRoleID	Class	Disposition Authority role ID.
BorrowPeriod	Class	Borrow period
BorrowPeriodUnit	Class	Borrow period unit
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
BarCode	Class	Bar code associated with this folder.
FileStatus	Class	
FileNumber	Class	File number
FilePartNumber	Class	Filepart number
PhysicalHybridIndicator	Class	
PermanentRecordIndicator	Class	*Y* if Filepart contains permanent record, otherwise N.
Suspended	Class	*Y* if Filepart is suspended, otherwise N.
VitalReviewDate	Class	Review date if it is time-based.
CurrentRequestee	Class	Current requestee if file is requested.
GeneratedSequenceValues	Class	
FileCategory	Class	File category
AggregationLevel	Class	Aggregation level

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_CreateFilePart* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create a Class.
-14007	Class not approved	Parent Class is not approved.
-14008	Class locked	Parent Class is locked.
-14009	Box not with user	Box in which parent Class is present is borrowed by other user.
-14016	Box locked	Box in which parent Class is present is locked.
-6031	Parent folder not file	Parent folder not file.

NGRM_DeleteFilePart

This call allows you to delete a Filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteFilePart_Input>
    <Option>NGRM_DeleteFilePart</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>385</FolderIndex>
    <ReferenceFlag>Y</ReferenceFlag>
    <LockFlag>N</LockFlag>
    <CheckOutFlag>N</CheckOutFlag>
</NGRM_DeleteFilePart_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteFilePart* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable
UserDBId	Root	The *UserDatabase* ID which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
ParentFolderIndex	Root	It is the parent folder ID. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
ReferenceFlag	Root	It specifies whether to delete the folder, when the references exist for the documents within that folder or any of its subfolders. • Valid values: ◦ *N* – Don't delete folder if any reference for some document within that folder or any of its subfolders exists. ◦ *Y* – Delete folder even if reference exists for some document within that folder or any of its subfolders. • Default values — Not applicable

Parameter	Parent tag	Description
LockFlag	Root	It specifies whether to delete the folder, when any document within that folder or any of its subfolders is locked. • Valid values: ◦ *N* – Don't delete folder if any document exists within that folder or its subfolders that is locked. ◦ *Y* – Delete folder even if any document exists within that folder or its subfolders that is locked. • Default values — Not applicable
CheckOutFlag	Root	It specifies whether to delete the folder, when some checked out document exist within the folder or any of its subfolders. • Valid values: ◦ *N* – Don't delete folder if any checked out document exists within that folder or any of its subfolders. ◦ *Y* – Delete folder even if any checked out document exists within that folder or any of its subfolders. • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_DeleteFilePart_Output>
    <Option>NGRM_DeleteFilePart</Option>
    <Status>0</Status>
    <Folder>
        <FolderIndex>385</FolderIndex>
        <ReferenceFlag>Y</ReferenceFlag>
        <LockFlag>N</LockFlag>
        <CheckOutFlag>N</CheckOutFlag>
        <NoOfDeletedDocuments>0</NoOfDeletedDocuments>
        <TotalDocumentSize>0</TotalDocumentSize>
    </Folder>
    <Class></Class>
</NGRM_DeleteFilePart_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteFilePart* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
FolderIndex	Folder	It is the ID of the Filepart created.
ReferenceFlag	Folder	This flag can be used to find out why the folder is not deleted. Folder is not deleted because some of the documents are referenced in the folder or any of its subfolders. If *ReferenceFlag* is sent as *N* in input XML and if it returns the value *Y*, it shows that folder is not deleted because some of the documents in the folder or its subfolder are referenced.
LockFlag	Folder	This flag is used to reason out why the folder is not deleted. Folder is not deleted because some of the documents in the folder or its subfolder are locked. If *LockFlag* is sent as *N* in input XML and if it returns the value *Y*, it shows that the folder is not deleted because some of the documents in the folder or its subfolder are locked.
CheckOutFlag	Folder	This flag can be used to find out why the folder is not deleted. Folder is not deleted because some of the documents are checked out in the folder or any of its subfolders. If *CheckOutFlag* is sent as *N* in input XML and if it returns the value *Y*, it shows that the folder is not deleted because some of the documents in the folder or its subfolder are checked out.
NoOfDeletedDocuments	Folder	Total number of documents that are to be deleted.
TotalDocumentSize	Folder	Specifies the total size of all the documents together in the folder or its subfolders that are to be deleted

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_DeleteFilePart* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create a Class.
-14007	Class not approved	Parent Class is not approved.
-14008	Class locked	Parent Class is locked.
-14009	Box not with user	Box in which the parent Class is present is borrowed by other user.
-14016	Box locked	Box in which parent Class is present is locked.

NGRM_GetFilePartProperties

This call allows you to get the properties of a Filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetFilePartProperties_Input>
    <Option>NGRM_GetFilePartProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>385</FolderIndex>
    <DataAlsoFlag>Y</DataAlsoFlag>
</NGRM_GetFilePartProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetFilePart* API:

Parameter	Parent tag	Parameter data type	Description	Valid Values	Default Values	Mandatory
Option	Root		A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	N/A		
CabinetName	Root		Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable	N/A		
UserDBId	Root		The *UserDatabase* ID which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable	N/A		
LogGeneration	Root		Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable	Y for yes and N for No		
FolderIndex	Root		Folder index of Filepart. • Valid values — Not applicable • Default values — Not applicable	N/A		
DataAlsoFlag	Root		It specifies whether to fetch associated data class. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable	Y for yes and N for No		

Sample response

```
<?xml version="1.0"?>
<NGRM_GetFilePartProperties_Output>
    <Option>NGRM_GetFilePartProperties</Option>
    <Status>0</Status>
    <LoginUserRights>1111111111</LoginUserRights>
    <Folder>
        <FolderIndex>385</FolderIndex>
```

```
        <ParentFolderIndex>323</ParentFolderIndex>
        <FolderName>B_Rec(2012_4_17_11_55_0_557)</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-04-17 11:55:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-17 11:55:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-17 11:57:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-04-16 11:55:00.557</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-04-16 11:55:00.557</ExpiryDateTime>
        <Comment>dvdcs</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-04-16 11:55:00.557</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>0</DataDefinitionIndex>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>P</ObjectType>
        <VitalRecord>Y</VitalRecord>
        <DueForReviewFlag>Y</DueForReviewFlag>
        <VitalReviewCycle>N</VitalReviewCycle>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <LastReviewedDate>2012-04-17 11:54:58.253</LastReviewedDate>
        <ReviewerId>1</ReviewerId>
        <ReviewerName>Supervisor</ReviewerName>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>sds</BackupMedia>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
        <RetentionRuleID>38</RetentionRuleID>
        <StorageRuleID>8</StorageRuleID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <DispAuthority>16</DispAuthority>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <BarCode>sds</BarCode>
        <OpenedDateTime>2012-04-17 11:55:00.0</OpenedDateTime>
        <FileStatus>O</FileStatus>
        <FileNumber>B</FileNumber>
        <FilePartNumber>C</FilePartNumber>
```

```
        <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
        <FileIdentifier>1234</FileIdentifier>
        <PermanentRecordIndicator>N</PermanentRecordIndicator>
        <NumOfRecords>0</NumOfRecords>
        <Suspended></Suspended>
        <VitalReviewDate>2012-04-20 23:59:59.0</VitalReviewDate>
        <CurrentRequestee>0</CurrentRequestee>
        <GeneratedSequenceValues>C#</GeneratedSequenceValues>
        <FileCategory>/MyCab/Fileplan/00 test_ phase date _FP/B_Rec</FileCategory>
        <FileNumberingRule>filno_rule</FileNumberingRule>
        <CutOffRule>mycutoff_R</CutOffRule>
        <RetentionRule>myretention_R</RetentionRule>
        <StorageRule>00test1_R</StorageRule>
        <PhysicalLocationName>crr24</PhysicalLocationName>
        <BoxName>box1</BoxName>
        <FileNumberingOption>A</FileNumberingOption>
        <OpenFilePartIndex>385</OpenFilePartIndex>
        <AggregationLevel>R</AggregationLevel>
    </Class>
</NGRM_GetFilePartProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetFilePartProperties* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
FolderIndex	Folder	It is the ID of Filepart created.
LoginUserRights	Root	Give login user rights string.
FolderIndex	Folder	It is the ID of Filepart.
ParentFolderIndex	Folder	It is the parent folder ID.
FolderName	Folder	It is the folder name.
OwnerIndex	Folder	It is index of owner.
CreationDateTime	Folder	Created date time of Filepart.
RevisedDateTime	Folder	Last revised date time of Filepart.

Parameter	Parent tag	Description
AccessDateTime	Folder	Last accessed date time of Filepart.
AccessType	Folder	Access type of the folder.
ImageVolumeIndex	Folder	Volume index of the folder where the documents added in this folder will be added, if no volume index is supplied in the *Add Document* call.
FolderType	Folder	Indicates the type of the folder, namely *G*-general, *A*-reserved.
FolderLock	Folder	Indicates if the folder is locked.
Location	Folder	Folder type of the parent folder of this folder namely Root, General, Inbox, SentItems, Trash, so on.
DeletedDateTime	Folder	Date time when folder was deleted.
VersionFlag	Folder	Specifies whether versioning of document is allowed.
ExpiryDateTime	Folder	Expiry date and time of the folder.
Comment	Folder	Comment associated with this folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedDateTime	Folder	Date and time when the folder was finalized.
ACLMoreFlag	Folder	Reserved for internal use.
EnableFTSFlag	Folder	Reserved for internal use.
Owner	Folder	Owner of the folder.
DataDefinition	Folder	If data class is associated with this folder, then the whole description of the data class is displayed.
DataDefIndex	DataDefinition	Index of the data class associated with the folder, if any.
Fields	Folder	Outer tag containing information about the fields of the associated data class.
Field	Fields	Outer tag containing information about a single field of this data class.
IndexId	Field	Index of the data class field.

Parameter	Parent tag	Description
IndexName	Field	Name of the data class field.
IndexType	Field	Type of the data class field.
IndexLength	Field	Length of the data class field.
IndexAttribute	Field	Attribute of the data class field.
IndexFlag	Field	Specifies whether the given field is global or specific to this data class.
Pickable	Field	Flag to check that data field values can be picked up or not.
ObjectType	Class	Object Type ID *P* for Filepart.
VitalRecord	Class	It specifies if it will contain vital record or not.
VitalReviewCycle	Class	Review would be cyclic or time-based.
CyclicOrTimeBased	Class	*C* for cyclic and *T* for time-based.
ReviewerId	Class	Index of the reviewer.
ReviewerName	Class	Name of the reviewer.
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File Numbering ID
CutOffRollOverRuleID	Class	Cutoff Rollover ID
RetentionRuleID	Class	Retention Rule ID
StorageRuleID	Class	Storage Rule ID
RequestTransferNumId	Class	Request Transfer Number if request is generated.
DispAuthority	Class	Disposition Authority ID
DispAuthorityGroupID	Class	Disposition Authority group ID
DispAuthorityRoleID	Class	Disposition Authority role ID
BorrowPeriod	Class	Borrow period
BorrowPeriodUnit	Class	Borrow period unit.

Parameter	Parent tag	Description
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
BarCode	Class	Bar Code associated with this folder.
FileNumber	Class	File number
FilePartNumber	Class	Filepart number
PhysicalHybridIndicator	Class	
FileIdentifier	Class	File identifier
VitalReviewDate	Class	Review date if it is time-based.
CurrentRequestee	Class	Current requestee if Filepart is requested.
GeneratedSequenceValues	Class	
FileCategory	Class	File category
DispAuthorityName	Class	Disposition Authority name
AggregationLevel	Class	Aggregation level
OpenedDateTime	Class	Opened date time of Filepart.
ClosedDateTime	Class	Closed date time of Filepart.
FileNumberingRule	Class	File Numbering name
CutOffRule	Class	Cutoff Rollover name
RetentionRule	Class	Retention Rule name
StorageRule	Class	Storage Rule name
DispAuthorityName	Class	Disposition Authority name
PhysicalLocationName	Class	Location name
BoxName	Class	Box name
FileNumberingOption	Class	
NumOfRecords	Class	Number of records in Filepart.
Suspended	Class	Suspended status of Filepart.
OpenFilePartIndex	Class	

Parameter	Parent tag	Description
PermanentRecordIndicator	Class	Permanent record are present or not indicator.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_GetFilePart* API:

Error code	Error message	Description
-6001	Invalid Filepart ID	Invalid Filepart ID

NGRM_SetFilePartProperties

This call allows you to change properties of a Filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetFilePartProperties_Input>
    <Option>NGRM_SetFilePartProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <DataAlsoFlag>Y</DataAlsoFlag>
    <Folder>
        <FolderIndex>370</FolderIndex>
        <FolderName>B_Rec(2012_2_17_14_56_14_10)</FolderName>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <OwnerIndex>1</OwnerIndex>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefIndex>1</DataDefIndex>
            <DataDefName>Dispatch</DataDefName>
            <Fields>
                <Field>
                    <IndexId>3</IndexId>
                    <IndexName>D_Name</IndexName>
```

```
                    <IndexType>S</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue>123</IndexValue>
                </Field>
                <Field>
                    <IndexId>4</IndexId>
                    <IndexName>D_Id</IndexName>
                    <IndexType>I</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue>123</IndexValue>
                </Field>
                <Field>
                    <IndexId>5</IndexId>
                    <IndexName>Entry_Date</IndexName>
                    <IndexType>D</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue>2011-11-11 </IndexValue>
                </Field>
                <Field>
                    <IndexId>6</IndexId>
                    <IndexName>D_salary</IndexName>
                    <IndexType>F</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue>1234.35</IndexValue>
                </Field>
                <Field>
                    <IndexId>7</IndexId>
                    <IndexName>ID_num</IndexName>
                    <IndexType>L</IndexType>
                    <IndexAttribute>-1</IndexAttribute>
                    <IndexValue>123</IndexValue>
                </Field>
            </Fields>
        </DataDefinition>
        <Comment>dsnfvja</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <AccessDateTime>2012-04-17 12:13:00.0</AccessDateTime>
        <NeedAuditLog>Y</NeedAuditLog>
    </Folder>
    <Class>
        <BarCode>BN</BarCode>
        <VitalRecord>Y</VitalRecord>
        <ReviewerId>1</ReviewerId>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <VitalReviewDate>2012-02-15  23:59:59.000</VitalReviewDate>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>sdmnbfma</BackupMedia>
        <RequestTransferNumId>0</RequestTransferNumId>
        <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
        <RetentionRuleID>38</RetentionRuleID>
        <StorageRuleID>8</StorageRuleID>
```

```
        <DispAuthority>16</DispAuthority>
        <ReturnDate></ReturnDate>
        <FilePartNumber>B</FilePartNumber>
        <FileNumber>B</FileNumber>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <OpenedDateTime>2012-02-17 14:56:00.0</OpenedDateTime>
        <ClosedDateTime>2012-04-17 11:55:00.593</ClosedDateTime>
        <Status>C</Status>
        <SuspensionReason></SuspensionReason>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <PermanentRecordIndicator>N</PermanentRecordIndicator>
        <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
        <AggregationLevel>R</AggregationLevel>
    </Class>
</NGRM_SetFilePartProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetFilePart* API:

Parameter	Parent tag	Parameter data type	Description	Mandatory
Option	Root		A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	
CabinetName	Root		Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable	
UserDBId	Root		The *UserDatabase* ID which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent tag	Parameter data type	Description	Mandatory
LogGeneration	Root		Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable	
FolderIndex	Folder		It is the folder ID. • Valid values — Not applicable • Default values — Not applicable	
FolderName	Folder		It is the folder name. • Valid values — Not applicable • Default values — Not applicable	
OwnerIndex	Folder		It is index of owner. • Valid values — Not applicable • Default values — Not applicable	
Owner	Folder		Name of the owner. • Valid values — Not applicable • Default values — Not applicable	
FileIdentifier	Folder		File Identifier • Valid values — Not applicable • Default values — Not applicable	
DataDefinition	Folder		It is the data class name which has to be associated with the folder. • Valid values — Not applicable • Default values — Not applicable	
DataDefIndex	DataDefinition		It is the index ID. • Valid values — Not applicable • Default values — Not applicable	
Fields	DataDefinition		It contains a list of fields. • Valid values — Not applicable • Default values — Not applicable	
Comment	Folder		Comment associated with this folder. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent tag	Parameter data type	Description	Mandatory
BarCode	Class		Bar code associated with this folder. • Valid values — Not applicable • Default values — Not applicable	
VitalRecord	Class		It specifies if it will contain vital record or not. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable	
ReviewerId	Class		Index of the reviewer. • Valid values — Not applicable • Default values — Not applicable	
CyclicOrTimeBased	Class		Review would be cyclic or time-based. • Valid values — *C* for cyclic and *T* for time-based • Default values — Not applicable	
VitalReviewDate	Class		Review date if it is time-based. • Valid values — Not applicable • Default values — Not applicable	
NextClassType	Class		• Valid values — Not applicable • Default values — Not applicable	
BackupMedia	Class		backup media associated with Filepart. • Valid values — Not applicable • Default values — Not applicable	
FileNumber	Class		File number • Valid values — Not applicable • Default values — Not applicable	
PhysicalLocation	Class		Location ID • Valid values — Not applicable • Default values — Not applicable	
BoxID	Class		Box ID • Valid values — Not applicable • Default values — Not applicable	
CutOffRollOverRuleID	Class		Cutoff Rollover ID • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent tag	Parameter data type	Description	Mandatory
RetentionRuleID	Class		Retention Rule ID • Valid values — Not applicable • Default values — Not applicable	
StorageRuleID	Class		Storage Rule ID • Valid values — Not applicable • Default values — Not applicable	
BorrowPeriod	Class		Borrow period • Valid values — Not applicable • Default values — Not applicable	
BorrowPeriodUnit	Class		Borrow period unit • Valid values — Not applicable • Default values — Not applicable	
AggregationLevel	Class		Aggregation level • Valid values — *P* for folder and *R* for record • Default values — Not applicable	
TransferToNARA	Class		Transfer to NARA • Valid values — *Y* for transferring to NARA and *N* f • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_SetFilePartProperties_Output>
    <Option>NGRM_SetFilePartProperties</Option>
    <Status>0</Status>
    <LoginUserRights>1111111111</LoginUserRights>
    <Folder>
        <FolderIndex>370</FolderIndex>
        <ParentFolderIndex>323</ParentFolderIndex>
        <FolderName>B_Rec(2012_2_17_14_56_14_10)</FolderName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-02-17 14:56:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-17 12:13:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-17 12:14:00.0</AccessDateTime>
        <AccessType>S</AccessType>
        <ImageVolumeIndex>1</ImageVolumeIndex>
        <FolderType>G</FolderType>
```

```
        <FolderLock>N</FolderLock>
        <Location>G</Location>
        <DeletedDateTime>2112-02-16 14:56:13.997</DeletedDateTime>
        <VersionFlag>N</VersionFlag>
        <ExpiryDateTime>2112-02-16 14:56:13.997</ExpiryDateTime>
        <Comment>dsnfvja</Comment>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-02-16 14:56:13.997</FinalizedDateTime>
        <ACLMoreFlag>N</ACLMoreFlag>
        <EnableFTSFlag>N</EnableFTSFlag>
        <Owner>Supervisor</Owner>
        <DataDefinition>
            <DataDefinitionIndex>1</DataDefinitionIndex>
            <DataDefName>Dispatch</DataDefName>
            <Fields>
                <Field>
                    <IndexId>3</IndexId>
                    <IndexName>D_Name</IndexName>
                    <IndexType>S</IndexType>
                    <IndexLength>50</IndexLength>
                    <IndexAttribute>0</IndexAttribute>
                    <IndexFlag>D</IndexFlag>
                    <IndexValue>123</IndexValue>
                </Field>
                <Field>
                    <IndexId>4</IndexId>
                    <IndexName>D_Id</IndexName>
                    <IndexType>I</IndexType>
                    <IndexLength>2</IndexLength>
                    <IndexAttribute>0</IndexAttribute>
                    <IndexFlag>D</IndexFlag>
                    <IndexValue>123</IndexValue>
                </Field>
                <Field>
                    <IndexId>5</IndexId>
                    <IndexName>Entry_Date</IndexName>
                    <IndexType>D</IndexType>
                    <IndexLength>8</IndexLength>
                    <IndexAttribute>0</IndexAttribute>
                    <IndexFlag>D</IndexFlag>
                    <IndexValue>2011-11-11 00:00:00.0</IndexValue>
                </Field>
                <Field>
                    <IndexId>6</IndexId>
                    <IndexName>D_salary</IndexName>
                    <IndexType>F</IndexType>
                    <IndexLength>4</IndexLength>
                    <IndexAttribute>0</IndexAttribute>
                    <IndexFlag>D</IndexFlag>
                    <IndexValue>1234.35</IndexValue>
                </Field>
```

```
                <Field>
                    <IndexId>7</IndexId>
                    <IndexName>ID_num</IndexName>
                    <IndexType>L</IndexType>
                    <IndexLength>4</IndexLength>
                    <IndexAttribute>0</IndexAttribute>
                    <IndexFlag>D</IndexFlag>
                    <IndexValue>123</IndexValue>
                </Field>
            </Fields>
        </DataDefinition>
        <GlobalIndexes></GlobalIndexes>
    </Folder>
    <Class>
        <ObjectType>P</ObjectType>
        <VitalRecord>Y</VitalRecord>
        <VitalReviewCycle>N</VitalReviewCycle>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <LastReviewedDate>2012-04-17 12:14:25.287</LastReviewedDate>
        <ReviewerId>1</ReviewerId>
        <ReviewerName>Supervisor</ReviewerName>
        <SearchOptions>A</SearchOptions>
        <BackupMedia>sdmnbfma</BackupMedia>
        <FileNumberingID>2</FileNumberingID>
        <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
        <RetentionRuleID>38</RetentionRuleID>
        <StorageRuleID>8</StorageRuleID>
        <RequestTransferNumId>0</RequestTransferNumId>
        <DispAuthority>16</DispAuthority>
        <BorrowPeriod>10</BorrowPeriod>
        <BorrowPeriodUnit>D</BorrowPeriodUnit>
        <PhysicalLocation>20</PhysicalLocation>
        <BoxID>22</BoxID>
        <BarCode>BN</BarCode>
        <OpenedDateTime>2012-02-17 14:56:00.0</OpenedDateTime>
        <ClosedDateTime>2012-04-17 11:55:00.593</ClosedDateTime>
        <FileStatus>C</FileStatus>
        <FileNumber>B</FileNumber>
        <FilePartNumber>B</FilePartNumber>
        <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
        <FileIdentifier>1234</FileIdentifier>
        <PermanentRecordIndicator>N</PermanentRecordIndicator>
        <NumOfRecords>0</NumOfRecords>
        <Suspended></Suspended>
        <VitalReviewDate>2012-02-15 23:59:59.0</VitalReviewDate>
        <CurrentRequestee>0</CurrentRequestee>
        <GeneratedSequenceValues>B#</GeneratedSequenceValues>
        <FileCategory>/MyCab/Fileplan/00 test_ phase date _FP/B_Rec</FileCategory>
        <FileNumberingRule>filno_rule</FileNumberingRule>
        <CutOffRule>mycutoff_R</CutOffRule>
        <RetentionRule>myretention_R</RetentionRule>
```

```
        <StorageRule>00test1_R</StorageRule>
        <PhysicalLocationName>crr24</PhysicalLocationName>
        <BoxName>box1</BoxName>
        <FileNumberingOption>A</FileNumberingOption>
        <AggregationLevel>R</AggregationLevel>
    </Class>
</NGRM_SetFilePartProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetFilePartProperties* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
LoginUserRights	Root	Give login user rights string.
FolderIndex	Folder	It is the ID of the file created.
ParentFolderIndex	Folder	It is the parent folder ID.
FolderName	Folder	It is the folder name.
OwnerIndex	Folder	It is index of owner.
CreationDateTime	Folder	Created date time of Filepart.
RevisedDateTime	Folder	Last revised date time of Filepart.
AccessDateTime	Folder	Last accessed date time of Filepart.
AccessType	Folder	Access type of the folder.
ImageVolumeIndex	Folder	Volume index of the folder where the documents added in this folder will be added, if no volume index is supplied in the *Add Document* call.
FolderType	Folder	Indicates the type of the folder, namely *G*-general, *A*-reserved.
FolderLock	Folder	Indicates if the folder is locked.

Parameter	Parent tag	Description
Location	Folder	Folder type of the parent folder of this folder namely Root, General, Inbox, SentItems, Trash, and so on.
DeletedDateTime	Folder	Date time when folder was deleted.
VersionFlag	Folder	Specifies whether versioning of document is allowed.
ExpiryDateTime	Folder	Expiry date and time of the folder.
Comment	Folder	Comment associated with this folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedDateTime	Folder	Date and time when the folder was finalized.
ACLMoreFlag	Folder	Reserved for internal use.
EnableFTSFlag	Folder	Reserved for internal use.
Owner	Folder	Owner of the folder.
DataDefinition	Folder	If data class is associated with this folder, then the whole description of the data class is displayed.
DataDefIndex	DataDefinition	Index of the data class associated with the folder, if any.
Fields	Folder	Outer tag containing information about the fields of the associated data class.
Field	Fields	Outer tag containing information about a single field of this data class.
IndexId	Field	Index of the data class field.
IndexName	Field	Name of the data class field.
IndexType	Field	Type of the data class field.
IndexLength	Field	Length of the data class field.
IndexAttribute	Field	Attribute of the data class Field.
IndexFlag	Field	Specifies whether the given field is global or specific to this data class.

Parameter	Parent tag	Description
Pickable	Field	Flag to check that data field values can be picked up or not.
ObjectType	Class	Object type ID *P* for Filepart.
VitalRecord	Class	It specifies if it will contain vital record or not.
VitalReviewCycle	Class	Review would be cyclic or time-based.
CyclicOrTimeBased	Class	*C* for cyclic and *T* for time-based.
ReviewerId	Class	Index of the reviewer.
ReviewerName	Class	Name of the reviewer
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File numbering ID
CutOffRollOverRuleID	Class	Cutoff rollover ID
RetentionRuleID	Class	Retention rule ID
StorageRuleID	Class	Storage rule ID
RequestTransferNumId	Class	Request transfer number if request is generated.
DispAuthority	Class	Disposition authority ID
DispAuthorityGroupID	Class	Disposition authority group ID
DispAuthorityRoleID	Class	Disposition authority role ID
BorrowPeriod	Class	Borrow period
BorrowPeriodUnit	Class	Borrow period unit
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
BarCode	Class	Bar code associated with this folder.
FileNumber	Class	File number
PhysicalHybridIndicator	Class	

Parameter	Parent tag	Description
FileIdentifier	Class	File identifier
VitalReviewDate	Class	Review date if it is time-based.
CurrentRequestee	Class	Current requestee if Filepart is requested.
GeneratedSequenceValues	Class	
FileCategory	Class	File category
DispAuthorityName	Class	Disposition authority name
AggregationLevel	Class	Aggregation level
TransferToNARA	Class	Transfer to NARA

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_SetFilePart* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create a class.
-14007	Class not approved	Parent class is not approved.
-14008	Class locked	Parent class is locked.
-14009	Box not with user	Box in which parent class is present is borrowed by other user.
-14016	Box locked	Box in which parent class is present is locked.
-6030	Folder not a Filepart	Invalid filepart ID has been sent.
-13075	Aggregation level of CutOffRollOver rule is different	Aggregation level of the CutOffRollOver rule is different.
-13076	Aggregation level of retention rule is different	Aggregation level of the retention rule is different.
-13077	Aggregation level of storage rule is different	Aggregation level of the storage rule is different.

NGRM_CloseFilePart

This call allows you to close an opened Filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_CloseFilePart_Input>
    <Option>NGRM_CloseFilePart</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <ObjectIndex>324</ObjectIndex>
    <FolderName>B_Rec</FolderName>
</NGRM_CloseFilePart_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CloseFilePart* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — A valid cabinet name • Default values — Not applicable	Yes
UserDBId	Root	Integer	The UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
ObjectIndex	Root	Integer	Folder index of Filepart • Valid values — Not applicable • Default values — Not applicable	Yes
FolderName	Root	string	Name of Filepart • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	Root	String	Reason to close filepart • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_CloseFilePart_Output>
    <Option>NGRM_CloseFilePart</Option>
    <Status>0</Status>
    <Class>
        <ObjectIndex>324</ObjectIndex>
    </Class>
</NGRM_CloseFilePart_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CloseFilePartProperties* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
Class	Parent tag	Class
ObjectIndex	Class	It is the ID of the Filepart closed.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_CloseFilePart* API:

Error code	Description
-6032	Filepart cannot be closed.
-6033	Filepart is already closed.

NGRM_ReOpenFilePart

This call allows you to reopen a closed Filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_ReOpenFilePart_Input>
    <Option>NGRM_ReOpenFilePart</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <ObjectIndex>324</ObjectIndex>
    <FolderName>B_Rec</FolderName>
</NGRM_ReOpenFilePart_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ReOpenFilePart* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
ObjectIndex	Root	Integer	Folder index of Filepart • Valid values — Not applicable • Default values — Not applicable	Yes
FolderName	Root	string	Name of Filepart • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	Root	String	Reason to reopen filepart • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_ReOpenFilePart_Output>
    <Option>NGRM_ReOpenFilePart</Option>
    <Status>0</Status>
    <Class>
        <ObjectIndex>324</ObjectIndex>
    </Class>
</NGRM_ReOpenFilePart_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_ReOpenFilePart* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	0 if call is successful.
Class	Parent tag	Class
ObjectIndex	Class	It is the ID of the reopened Filepart.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_ReOpenFilePart* API:

Error code	Descriptio
-6034	Filepart is already reopened
-6035	Filepart is already opened

NGRM_PutInBox

This call allows you to change a box of a Filepart (used when receiving a requested Filepart).

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_PutInBox* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	UserDatabase ID, which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
ObjectIndex	Root	Folder index of Filepart • Valid values — Not applicable • Default values — Not applicable
BoxID	Root	Box ID where Filepart is shifted. • Valid values — Not applicable • Default values — Not applicable

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_PutInBox* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
ObjectIndex	Class	It is the ID of the shifted Filepart.
BoxID	Class	Box ID where the Filepart is shifted.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_PutInBox* API:

Error code	Error message	Description
-505	No Rights for the current operation.	Insufficient rights to create a Class.

NGRM_RemoveFromBox

This call allows you to remove a Filepart from a Box.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_RemoveFromBox* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	UserDatabase ID, which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable
ObjectIndex	Root	Folder index of Filepart • Valid values — Not applicable • Default values — Not applicable
BoxID	Root	Box ID from where the Filepart is removed. • Valid values — Not applicable • Default values — Not applicable

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_RemoveFromBox* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
ObjectIndex	Class	It is the ID of the shifted Filepart.
BoxID	Class	Box ID from where the Filepart is removed.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_RemoveFromBox* API:

Error code	Error message	Description
-505	No rights for the current operation.	Insufficient rights to create a Class.

NGRM_SuspendReleaseFilePart

This call allows you to suspend the released Filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_SuspendReleaseFilePart_Input>
    <Option>NGRM_SuspendReleaseFilePart</Option>
```

```
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Suspended>Y</Suspended>
    <SuspensionReason>sdfcdss</SuspensionReason>
    <FileParts>
        <FilePart>
            <FilePartIndex>370</FilePartIndex>
        </FilePart>
    </FileParts>
</NGRM_SuspendReleaseFilePart_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SuspendReleaseFilePart* API:

Parameter	Parent Tag	Data Type	Description
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable
CabinetName	Root	String	Name of the cabinet to which the user wants to conn • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConne • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable
FileParts	Root	String	Main tag for Filepart lists • Valid values — Not applicable • Default values — Not applicable
FilePart	FileParts	String	Subtag for Fileparts • Valid values — Not applicable • Default values — Not applicable

Parameter	Parent Tag	Data Type	Description
FilePartIndex	FilePart	Integer	Filepart index • Valid values — Not applicable • Default values — Not applicable
Suspended	File	String	Refers whether the Filepart is suspended or released • Valid values — Y for a suspended Filepart and N released Filepart • Default values — Not applicable
SuspensionReason	File	String	Suspension reason • Valid values — Not applicable • Default values — Not applicable
SuspendedBy	File	String	Suspend by whom • Valid values — Not applicable • Default values — Not applicable
SuspensionReasonIndex	File	String	Suspension reason index of file • Valid values — Not applicable • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_SuspendReleaseFilePart_Output>
    <Status>0</Status>
    <FailedList></FailedList>
</NGRM_SuspendReleaseFilePart_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SuspendReleaseFilePart* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if the call is successful.
FailedList	Root	List of all Fileparts for which this call failed.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_SuspendReleaseFilePart* API:

Error code	Description
-505	No Rights for the current operation.
-501	Database Error.
-13060	FilePart Already Suspended.
-13061	FilePart Already Released

File Part Numbering

The File Part Numbering consists of the following APIs:

NGRM_CreateFileNumScheme

This call is used to create a file numbering scheme.

Sample request

```
<?xml version="1.0"?>
```

```
  <NGRM_CreateFileNumScheme_Input>
    <Option>NGRM_CreateFileNumScheme</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1963450401</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FileNumbering>
      <FileNumName>Test1</FileNumName>
      <Comment>test1</Comment>
      <DataDefIndex>0</DataDefIndex>
      <FilePartNumOption>A</FilePartNumOption>
      <F_EXTProgName></F_EXTProgName>
      <F_EntryOption>O</F_EntryOption>
      (M- Manual, A-Automatic, O-Automatic with manual
Override)
      <F_FormatString>%1a</F_FormatString>
      <F_LastGenString>%A</F_LastGenString>
      <P_EXTProgName></P_EXTProgName>
      <P_EntryOption>O</P_EntryOption>
      <P_FormatString>%1a</P_FormatString>
      <P_LastGenString>%A</P_LastGenString>
    </FileNumbering>
  </NGRM_CreateFileNumScheme_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateFileNumScheme* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
FileNumName	FileNumbering	String	Name of file numbering scheme • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	FileNumbering	String	Comment associated with this rule • Valid values — Not applicable • Default values — Not applicable	No
DataDefIndex	FileNumbering	String	Data definition index • Valid values — 0 • Default values — Not applicable	No
FilePartNumOption	FileNumbering	String	File part numbering option • Valid values — A • Default values — Not applicable	Yes
FileNumberingType	FileNumbering	String	File numbering type • Valid values — Q • Default values — Not applicable	Yes
F_EXTProgName	FileNumbering			
F_EntryOption	FileNumbering	String	File request numbering option. • Valid values — A • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
F_FormatString	FileNumbering	String	Format string for file numbering • Valid values — ◦ %1a ◦ %2a ◦ %3a ◦ %5a ◦ %1n ◦ %2n ◦ %3n ◦ %4n ◦ %5n ◦ %1d ◦ %2d ◦ %3d ◦ %1m ◦ %2m ◦ %3m ◦ %2y ◦ %4y • Default values — Not applicable	N/A
P_EXTProgName	FileNumbering			
P_EntryOption	FileNumbering	String	Transfer numbering option • Valid values — Not applicable • Default values — Not applicable	N/A

Parameter	Parent Tag	Parameter Type	Description	Mandatory
P_FormatString	FileNumbering	String	Formate string for file numbering • Valid values — ◦ %1a ◦ %2a ◦ %3a ◦ %5a ◦ %1n ◦ %2n ◦ %3n ◦ %4n ◦ %5n ◦ %1d ◦ %2d ◦ %3d ◦ %1m ◦ %2m ◦ %3m ◦ %2y ◦ %4y • Default values — Not applicable	N/A

Sample response

```
<NGRM_CreateFileNumScheme_Output>

  <Option>NGRM_CreateFileNumScheme</Option>
  <Status>0</Status>
  <FileNumbering>
    <FileNumberingID>4</FileNumberingID>
    <FileNumName>Test1</FileNumName>
    <Comment>test1</Comment>
    <DataDefIndex>0</DataDefIndex>
    <FilePartNumOption>A</FilePartNumOption>
    <F_EntryOption>O</F_EntryOption>
    <F_FormatString>%1a</F_FormatString>
    <F_EXTProgName></F_EXTProgName>
    <F_LastGenString>A#</F_LastGenString>
```

```
    <P_EntryOption>O</P_EntryOption>
    <P_FormatString>%1a</P_FormatString>
    <P_EXTProgName></P_EXTProgName>
    <P_LastGenString>A#</P_LastGenString>
  </FileNumbering>
</NGRM_CreateFileNumScheme_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateFileNumScheme* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
FileNumName	FileNumbering	Name of file numbering scheme
Comment	FileNumbering	Comment associated with this rule
DataDefIndex	FileNumbering	Data definition index
FilePartNumOption	FileNumbering	File part numbering option
FileNumberingType	FileNumbering	File numbering type
F_EXTProgName	FileNumbering	
F_EntryOption	FileNumbering	File request numbering option
F_FormatString	FileNumbering	Format string for file numbering
P_EXTProgName	FileNumbering	
P_EntryOption	FileNumbering	Transfer numbering option
P_FormatString	FileNumbering	Format string for file numbering
FileNumberingID	FileNumbering	Filenumbering id

Errors and warnings

The following table describes the error codes and description of the *NGRM_CreateFileNumScheme* API:

Error Code	Description
-501	Database error
-502	Server error

NGRM_DeleteFileNumScheme

This call allows deleting the file numbering scheme.

Sample request

```
<?xml version="1.0"?>

  <NGRM_DeleteFileNumScheme_Input>
    <Option>NGRM_DeleteFileNumScheme</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FileNumbering>
      <FileNumberingID>7</FileNumberingID>
    </FileNumbering>
  </NGRM_CreateFileNumScheme_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteFileNumScheme* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	It refers to the case-sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	It is the session id of the login user. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
FileNumberingID	FileNumbering	Integer	It is the file numbering scheme id that has to be deleted. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_DeleteFileNumScheme_Output>
    <Option>NGRM_DeleteFileNumScheme</Option>
    <Status>0</Status>
</NGRM_DeleteFileNumScheme_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteFileNumScheme* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call

Errors and warnings

The following table describes the error codes and description of the *NGRM_DeleteFileNumScheme* API:

Error Code	Description
-501	Database error
-502	Server error
-505	No rights for the current operation.
-4009	Rule cannot be deleted since it is applied to Fileplan.

NGRM_GetFileNumSchemeProperties

This call is used to fetch properties of a filenumberingscheme.

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetFileNumSchemeProperties_Input>
    <Option>NGRM_GetFileNumSchemeProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FileNumbering>
      <FileNumberingID>3</FileNumberingID>
    </FileNumbering>
  </NGRM_GetFileNumSchemeProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetFileNumSchemeProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
FileNumberingID	FileNumbering	Integer	Filenumbering id • Valid values — Not applicable • Default values — Not applicable	Yes
FileNumName	FileNumbering	String	Name of file numbering scheme • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	FileNumbering	String	Comment associated with this rule • Valid values — Not applicable • Default values — Not applicable	No
DataDefIndex	FileNumbering	Integer	Data definition index • Valid values — Not applicable • Default values — Not applicable	No
FilePartNumOption	FileNumbering	String	File part numbering option • Valid values — Not applicable • Default values — Not applicable	No
F_EXTProgName	FileNumbering	String		No
F_EntryOption	FileNumbering	String	File request numbering option • Valid values — Not applicable • Default values — Not applicable	No
			Format string for file numbering	

Sample response

```
<NGRM_GetFileNumSchemeProperties_Output>

  <Option>NGRM_GetFileNumSchemeProperties</Option>
  <Status>0</Status>
  <FileNumbering>
    <FileNumberingID>3</FileNumberingID>
    <FileNumName>test_23_11_11</FileNumName>
    <Comment></Comment>
    <DataDefIndex>0</DataDefIndex>
    <FilePartNumOption>A</FilePartNumOption>
    <F_EntryOption>M</F_EntryOption>
    <F_FormatString></F_FormatString>
    <F_EXTProgName></F_EXTProgName>
    <P_EntryOption>M</P_EntryOption>
    <P_FormatString></P_FormatString>
    <P_EXTProgName></P_EXTProgName>
  </FileNumbering>
</NGRM_GetFileNumSchemeProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetFileNumSchemeProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	status returned for the call
FileNumName	FileNumbering	Name of file numbering scheme
Comment	FileNumbering	Comment associated with this rule
DataDefIndex	FileNumbering	Data definition index
FilePartNumOption	FileNumbering	File part numbering option
FileNumberingType	FileNumbering	File numbering type
F_EXTProgName	FileNumbering	
F_EntryOption	FileNumbering	File request numbering option
F_FormatString	FileNumbering	Format string for file numbering
P_EXTProgName	FileNumbering	
P_EntryOption	FileNumbering	Transfer numbering option
P_FormatString	FileNumbering	Format string for file numbering
FileNumberingID	FileNumbering	filenumbering id

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetFileNumScheme* API:

Error Code	Description
-505	No Rights for the current operation.
-4005	Invalid Rule Conditions specified.
-4004	No Value is Set in Rule.
-4002	Rule does Not Exist.

NGRM_SetFileNumSchemeProperties

This call is used to change the file numbering scheme properties.

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetFileNumSchemeProperties_Input>
    <Option>NGRM_GetFileNumSchemeProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FileNumbering>
      <FileNumberingID>2</FileNumberingID>
    </FileNumbering>
  </NGRM_GetFileNumSchemeProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetFileNumSchemeProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGRM_ SetFileNumSchemeProperties call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
FileNumberingID	FileNumbering	Integer	Filenumbering id • Valid values — Not applicable • Default values — Not applicable	Yes
FileNumName	FileNumbering	String	Name of file numbering scheme • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	FileNumbering	String	Comment associated with this rule • Valid values — Not applicable • Default values — Not applicable	No
DataDefIndex	FileNumbering	Integer	Data definition index • Valid values — Not applicable • Default values — Not applicable	No
FilePartNumOption	FileNumbering	String	File part numbering option • Valid values — Not applicable • Default values — Not applicable	No
F_EXTProgName	FileNumbering	String		No
F_EntryOption	FileNumbering	String	File request numbering option • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
F_FormatString	FileNumbering	String	Format string for file numbering • Valid values — ◦ %1a ◦ %2a ◦ %3a ◦ %5a ◦ %1n ◦ %2n ◦ %3n ◦ %4n ◦ %5n ◦ %1d ◦ %2d ◦ %3d ◦ %1m ◦ %2m ◦ %3m ◦ %2y ◦ %4y • Default values — Not applicable	Yes
F_LastGenString	FileNumbering	String	The last string generated for file numbering • Valid values — Not applicable • Default values — Not applicable	Yes
P_EXTProgName	FileNumbering	String		Yes
P_EntryOption	FileNumbering	String	Transfer numbering option • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
P_FormatString	FileNumbering	String	Format string for file numbering • Valid values — ◦ %1a ◦ %2a ◦ %3a ◦ %5a ◦ %1n ◦ %2n ◦ %3n ◦ %4n ◦ %5n ◦ %1d ◦ %2d ◦ %3d ◦ %1m ◦ %2m ◦ %3m ◦ %2y ◦ %4y • Default values — Not applicable	Yes
P_LastGenString	FileNumbering	String	Format string of the last transfer generated • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetFileNumSchemeProperties_Output>

  <Option>NGRM_GetFileNumSchemeProperties</Option>
  <Status>0</Status>
  <FileNumbering>
    <FileNumberingID>2</FileNumberingID>
    <FileNumName>filno_rule</FileNumName>
    <Comment></Comment>
```

```
    <DataDefIndex>0</DataDefIndex>
    <FilePartNumOption>A</FilePartNumOption>
    <F_EntryOption>A</F_EntryOption>
    <F_FormatString>%1a</F_FormatString>
    <F_EXTProgName></F_EXTProgName>
    <F_LastGenString>%A</F_LastGenString>
    <P_EntryOption>A</P_EntryOption>
    <P_FormatString>%1a</P_FormatString>
    <P_EXTProgName></P_EXTProgName>
    <P_LastGenString>%A</P_LastGenString>
  </FileNumbering>
</NGRM_GetFileNumSchemeProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetFileNumScheme* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
FileNumberingID	FileNumbering	ID of the file numbering rule
FileNumName	FileNumbering	Name of the file numbering rule
Comment	FileNumbering	Comment associated with the rule
DataDefIndex	FileNumbering	Data def index of the rule
FilePartNumOption	FileNumbering	Filepart Numbering option
F_EntryOption	FileNumbering	File request numbering option
F_FormatString	FileNumbering	Format string for file numbering
F_EXTProgName	FileNumbering	Format extension program
F_LastGenString	FileNumbering	Format string of the last transfer generated
P_EntryOption	FileNumbering	File request numbering option
P_FormatString	FileNumbering	Format string for file numbering
P_EXTProgName	FileNumbering	Format extension program
P_LastGenString	FileNumbering	Format string of the last transfer generated

Errors and warnings

The following table describes the error codes and description of the *NGRM_SetFileNumScheme* API:

Error Code	Description
-505	No Rights for the current operation.
-4005	Invalid Rule Conditions specified.
-4004	No Value is Set in Rule.
-4002	Rule does Not Exist.

NGRM_GetListOfFileNumSchemes

This call is used to get the list of the file numbering scheme.

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetListOfFileNumSchemes_Input>
    <Option>NGRM_GetListOfFileNumSchemes</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <RuleDetailsFlag>n</RuleDetailsFlag>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
  </NGRM_GetListOfFileNumSchemes_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfFileNumSchemes* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case-sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
FetchCount	Root		Number of results to fetch at a time • Valid values — Not applicable • Default values — Not applicable	
SortOrder	Root		Order of sorting • Valid values — *A* for ascending and *D* for descending • Default values — Not applicable	
OrderBy	Root		Field on which last sorting is required • Valid values — *2* for names and *1* for index • Default values — Not applicable	
RuleDetailsFlag	Root		Flag indicating whether rule detail is required or not • Valid values — Y for yes and N for No • Default values — Not applicable	
PreviousIndex	Root		Index of the previous rule • Valid values — Not applicable • Default values — Not applicable	
LastSortField	Root		Last sorted field • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_GetListOfFileNumSchemes_Output>

  <Option>NGRM_GetListOfFileNumSchemes</Option>
  <Status>0</Status>
  <NoOfFileNumFetched>2</NoOfFileNumFetched>
  <FileNumberingSchemes>
    <FileNumbering>
      <FileNumberingID>2</FileNumberingID>
      <FileNumName>filno_rule</FileNumName>
      <Comment></Comment>
      <DataDefIndex>0</DataDefIndex>
      <FilePartNumOption>A</FilePartNumOption>
      <F_EntryOption>M</F_EntryOption>
      <F_FormatString></F_FormatString>
      <F_EXTProgName></F_EXTProgName>
      <F_LastGenString></F_LastGenString>
      <P_EntryOption>M</P_EntryOption>
      <P_FormatString></P_FormatString>
      <P_EXTProgName></P_EXTProgName>
      <P_LastGenString></P_LastGenString>
    </FileNumbering>
    <FileNumbering>
      <FileNumberingID>3</FileNumberingID>
      <FileNumName>test_23_11_11</FileNumName>
      <Comment></Comment>
      <DataDefIndex>0</DataDefIndex>
      <FilePartNumOption>A</FilePartNumOption>
      <F_EntryOption>M</F_EntryOption>
      <F_FormatString></F_FormatString>
      <F_EXTProgName></F_EXTProgName>
      <F_LastGenString></F_LastGenString>
      <P_EntryOption>M</P_EntryOption>
      <P_FormatString></P_FormatString>
      <P_EXTProgName></P_EXTProgName>
      <P_LastGenString></P_LastGenString>
    </FileNumbering>
  </FileNumberingSchemes>
</NGRM_GetListOfFileNumSchemes_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfFileNumSchemes* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
NoOfFileNumFetched	Root	Number of results to be fetched at a time
FileNumbering	FileNumberingSchemes	
FileNumberingID	FileNumbering	File numbering id
FileNumName	FileNumbering	Name of file numbering scheme
Comment	FileNumbering	The comment associated with this rule
DataDefIndex	FileNumbering	Data definition index
FilePartNumOption	FileNumbering	File part numbering option
F_EXTProgName	FileNumbering	
F_EntryOption	FileNumbering	File request numbering option
F_FormatString	FileNumbering	Format string for file numbering
F_LastGenString	FileNumbering	The last string generated for file numbnerig
P_EXTProgName	FileNumbering	
P_EntryOption	FileNumbering	Transfer numbering option
P_FormatString	FileNumbering	Format string for file numbering
P_LastGenString	FileNumbering	Format string of the last transfer generated

Errors and warnings

Record

The Record consists of the following APIs:

NGRM_CreateDocument

This call is used to add record.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateDocument_Input>
    <Option>NGRM_CreateDocument</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-940440473</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Document>
        <ParentFolderIndex>324</ParentFolderIndex>
        <AccessType>I</AccessType>
        <DocumentName>ada</DocumentName>
        <DocumentType>N</DocumentType>
        <CreatedByAppName>txt</CreatedByAppName>
        <ISIndex>120#1#</ISIndex>
        <NoOfPages>0</NoOfPages>
        <DocumentSize>2340</DocumentSize>
        <Comment>wdew</Comment>
        <Author>vdd</Author>
        <FinalizedFlag>Y</FinalizedFlag>
        <MediaType>sdas</MediaType>
        <ReceivedDateTime>2012-12-12</ReceivedDateTime>
        <ObsoleteRecord>Y</ObsoleteRecord>
        <DataDefinition>
            <DataDefIndex>0</DataDefIndex>
            <Fields></Fields>
        </DataDefinition>
        <Keywords>
            <KeywordProperty>
                <Keyword>ds</Keyword>
```

```
            </KeywordProperty>
        </Keywords>
        <GlobalIndexes>
            <Fields></Fields>
        </GlobalIndexes>
        <OwnerIndex>1</OwnerIndex>
    </Document>
    <Record>
        <PermanentRecordIndicator>Y</PermanentRecordIndicator>
        <BarCode>ddf</BarCode>
        <PhysicalCopyExists>Y</PhysicalCopyExists>
        <VitalRecord>Y</VitalRecord>
        <ReviewerId>1</ReviewerId>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <VitalStatusReviewDate>2012-04-20  23:59:59.000</VitalStatusReviewDate>
        <Addressees>
            <Addressee>
                <Name>sds</Name>
                <Type>A</Type>
            </Addressee>
            <Addressee>
                <Name>da</Name>
                <Type>O</Type>
            </Addressee>
        </Addressees>
        <PublicationDate>2012-12-12</PublicationDate>
        <OriginatingOrganisation>w</OriginatingOrganisation>
        <RecordType>NA</RecordType>
    </Record>
    <Relations></Relations>
</NGRM_CreateDocument_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateDocument* API:

Parameter	Parent Tag	Parameter Type	Descript
Option	Root		Unique Option for the Call. • Valid values — Not ap • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
CabinetName	Root		Name of the Cabinet to whic connect • Valid values — Not ap • Default values — Not
UserDBId	Root		UserDatabase ID, which is re NGOConnectCabinet call • Valid values — Not ap • Default values — Not
LogGeneration	Root		Allows log generation • Valid values — Y for y • Default values — Not
ParentFolderIndex	Document		Index of parent folder of the • Valid values — Not ap • Default values — Not
AccessType	Document		
DocumentName	Document		Name of the document crea • Valid values — Not ap • Default values — Not
DocumentType	Document		Type of the document • Valid values —N for N htm, I for images • Default values — Not
CreatedByAppName	Document		Extension of the Document. For example, JPG, GIF etc. • Valid values — txt, jp • Default values — Not
ISIndex	Document		Specifies a unique Combinat Index and Volume Index for document stored on Image Server separated b • Valid values — 1# Vol Parent Folder • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
NoOfPages	Document		Specifies the number of pag • Valid values — 0 • Default values — Not
DocumentSize	Document		Size of the document • Valid values — Not ap • Default values — Not
Comment	Document		Comment associated with th • Valid values — Not ap • Default values — Not
Author	Document		Name of the author of the d • Valid values — Not ap • Default values — Not
FinalizedFlag	Document		Flag that specifies whether t finalized. • Valid values —Y – Do N – Document is not • Default values — Not
MediaType	Document		
ReceivedDateTime	Document		Received date and time of th • Valid values — Not ap • Default values — Not
ObsoleteRecord	Document		Whether record is obsolete o • Valid values — Y for y • Default values — Not
DataDefinition	Document		It contains the data regardin Data Class to be associated with the docu its fields and their values. • Valid values — Not ap • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
DataDefIndex	DataDefinition		Indexname of the Data Class with the document. • Valid values — Not ap • Default values — Not
Fields	DataDefinition		It contains the information a fields in the dataclass • Valid values — Not ap • Default values — Not
Field	Fields		Description containing infor regarding particular field • Valid values — Not ap • Default values — Not
IndexId	Field		Index of the Field associated Data Class • Valid values — Not ap • Default values — Not
IndexName	Field		Name of the index • Valid values — Not ap • Default values — Not
IndexType	Field		The type of data that the fiel store in the Field • Valid values — ◦ S for string ◦ I for integer ◦ L for long ◦ D for date, ◦ F for floating • Default values — Not
IndexAttribute	Field		Attribute of the index
IndexValue	Field		Value of this index • Valid values — Not ap • Default values — Not
Keywords	Document		

Parameter	Parent Tag	Parameter Type	Descript
GlobalIndexes	Document		Globalindex associated with • Valid values — Not a • Default values — Not
Fields	GlobalIndexes		Global index fields • Valid values — Not a • Default values — Not
Field	Fields		Contains the information ab • Valid values — Not a • Default values — Not
IndexId	Field		Index of the Field associatec • Valid values — Not a • Default values — Not
IndexValue	Field		Value of the globalindex • Valid values — Not a • Default values — Not
OwnerIndex	Document		Owner index of this docume • Valid values — Not a • Default values — Not
Record	Root		Record properties • Valid values — Not a • Default values — Not
PermanentRecordIndicator	Record		Whether record is permane • Valid values — Y for y • Default values — Not
BarCode	Record		Barcode of the record • Valid values — Not a • Default values — Not
PhysicalCopyExists	Record		Physical copy of the record e • Valid values — Y for y • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
VitalRecord	Record		Vital status of the record • Valid values — Y for y • Default values — Not
Addressees	Record		Addressee of the record • Valid values — Not ap • Default values — Not
PublicationDate	Record		Publication date of record • Valid values — Not ap • Default values — Not
OriginatingOrganisation	Record		Originating organization of r • Valid values — Not ap • Default values — Not
RecordType	Record		Type of record • Valid values — Not ap • Default values — Not
AdditionalRecord Properties	Root		Some additional properties • Valid values — Not ap • Default values — Not
Option	Root		Unique Option for the Call. • Valid values — Not ap • Default values — Not
FileName	AdditionalRecord Properties		Name of the file. • Valid values — Not ap • Default values — Not
WebPlatform	AdditionalRecord Properties		Web platform of the htm file • Valid values — Not ap • Default values — Not
WebSiteName	AdditionalRecord Properties		Name of the website • Valid values — Not ap • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
URL	AdditionalRecord Properties		Url of the file • Valid values — Not a • Default values — Not
CaptureMethod	AdditionalRecord Properties		Capture method of the file • Valid values — Not a • Default values — Not
CaptureDate	AdditionalRecord Properties		Capture date • Valid values — Not a • Default values — Not
Contact	AdditionalRecord Properties		Contact detail • Valid values — Not a • Default values — Not
ContentMgmtSystem	AdditionalRecord Properties		Content management syste • Valid values — Not a • Default values — Not
Caption	AdditionalRecord Properties		Caption of the image file • Valid values — Not a • Default values — Not
Photographer	AdditionalRecord Properties		Name of Photographer • Valid values — Not a • Default values — Not
Copyright	AdditionalRecord Properties		Copyright of the image • Valid values — Not a • Default values — Not
BitDepth	AdditionalRecord Properties		How many unique colors are image's color palette in term of 0's and 1's • Valid values — Not a • Default values — Not
ImageSize	AdditionalRecord Properties		Size of the image • Valid values — Not a • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
ImageSource	AdditionalRecord Properties		Source of the image • Valid values — Not a • Default values — Not
Compression	AdditionalRecord Properties		Compression used for this re • Valid values — Not a • Default values — Not
ICCICMPRofile	AdditionalRecord Properties		
EXIFInfo	AdditionalRecord Properties		
ProducingApp	AdditionalRecord Properties		Producing app of the pdf file • Valid values — Not a • Default values — Not
ProducingAppVersion	AdditionalRecord Properties		Version of producing app • Valid values — Not a • Default values — Not
PDFVersion	AdditionalRecord Properties		Version of the pdf • Valid values — Not a • Default values — Not
CreatingApp	AdditionalRecord Properties		Creating app of the file • Valid values — Not a • Default values — Not
DocSecuritySettings	AdditionalRecord Properties		Security setting of the docu • Valid values — Not a • Default values — Not
FormatAndVersion	AdditionalRecord Properties		Format and version of the in • Valid values — Not a • Default values — Not
Resolution	AdditionalRecord Properties		Resolution of the image • Valid values — Not a • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
BitDepth	AdditionalRecord Properties		How many unique colors are image's color palette in terms of the • Valid values — Not a • Default values — Not
Sender	AdditionalRecord Properties		Sender of the mail • Valid values — Not a • Default values — Not
Subject	AdditionalRecord Properties		Subject line of the mail • Valid values — Not a • Default values — Not
Addressee	AdditionalRecord Properties		Addressee of the mail • Valid values — Not a • Default values — Not
Name	Addressee		Name of the addressee • Valid values — Not a • Default values — Not
Type	Addressee		Type of the addressee • Valid values : ◦ A — primary ac ◦ O — other addr • Default values — Not
SentTimeStamp	AdditionalRecord Properties		Sent time of the mail • Valid values — Not a • Default values — Not
ReceivedTimeStamp	AdditionalRecord Properties		Received time stamp of the • Valid values — Not a • Default values — Not
ReceivedFromServer	AdditionalRecord Properties		Server from which mail is re • Valid values — Not a • Default values — Not

Parameter	Parent Tag	Parameter Type	Descript
Priority	AdditionalRecord Properties		Priority of the mail • Valid values — Not a • Default values — Not
MessageId	AdditionalRecord Properties		Message id of the mail • Valid values — Not a • Default values — Not
MessageType	AdditionalRecord Properties		Type of the message • Valid values — Not a • Default values — Not
AttachmentIndexList	AdditionalRecord Properties		Index of the attached file • Valid values — Not a • Default values — Not
ContentType	AdditionalRecord Properties		Type of the content • Valid values — Not a • Default values — Not
Mailer	AdditionalRecord Properties		Mailer associated with mail • Valid values — Not a • Default values — Not
AttachmentReference	AdditionalRecord Properties		Reference of the attachmen • Valid values — Not a • Default values — Not
AddEmlProp	AdditionalRecord Properties		Additional EML properties • Valid values — Not a • Default values — Not

Sample response

```
<?xml version="1.0"?>
<NGRM_CreateDocument_Output>
    <Status>0</Status>
    <Document>
        <LoginUserRights>11111111111</LoginUserRights>
        <ParentFolderIndex>324</ParentFolderIndex>
```

```
        <DocOrderNo>4</DocOrderNo>
        <DocumentIndex>166</DocumentIndex>
        <DocumentVersionNo>1.0</DocumentVersionNo>
        <DocumentName>ada</DocumentName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-04-18 12:58:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-18 12:58:00.0</RevisedDateTime>
        <AccessDateTime>2012-04-18 12:58:00.0</AccessDateTime>
        <VersionFlag>N</VersionFlag>
        <AccessType>I</AccessType>
        <DocumentType>N</DocumentType>
        <CreatedByApp>0</CreatedByApp>
        <ISIndex>120#1#</ISIndex>
        <NoOfPages>0</NoOfPages>
        <DocumentSize>2340</DocumentSize>
        <FTSDocumentIndex>0</FTSDocumentIndex>
        <ODMADocumentIndex>not defined</ODMADocumentIndex>
        <EnableLog>N</EnableLog>
        <DocumentLock>N</DocumentLock>
        <Comment>wdew</Comment>
        <Author>vdd</Author>
        <TextISIndex>0#0#</TextISIndex>
        <FTSFlag>PP</FTSFlag>
        <DocStatus>A</DocStatus>
        <ExpiryDateTime>2112-04-17 12:58:14.31</ExpiryDateTime>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-04-17 12:58:14.31</FinalizedDateTime>
        <CheckoutStatus>N</CheckoutStatus>
        <ACLMoreFlag>N</ACLMoreFlag>
        <PullPrintFlag>N</PullPrintFlag>
        <MainGroupIndex>0</MainGroupIndex>
        <ThumbNailFlag>N</ThumbNailFlag>
        <Owner>Supervisor</Owner>
        <LockByUser>NULL</LockByUser>
        <FinalizedBy>NULL</FinalizedBy>
        <CheckoutBy>NULL</CheckoutBy>
        <CreatedByAppName>txt</CreatedByAppName>
    </Document>
    <Record>
        <RecordID>166</RecordID>
        <VitalRecord>Y</VitalRecord>
        <VitalStatusReviewDate>2012-04-20  23:59:59.000</VitalStatusReviewDate>
        <VitalReviewCycle>N</VitalReviewCycle>
        <DueForReviewFlag>Y</DueForReviewFlag>
        <CyclicOrTimeBased>T</CyclicOrTimeBased>
        <ReviewerId>1</ReviewerId>
        <ReviewerName>Supervisor</ReviewerName>
        <BarCode>ddf</BarCode>
        <PermanentRecordIndicator>Y</PermanentRecordIndicator>
        <CurrentRequestee>0</CurrentRequestee>
        <PhysicalCopyExists>Y</PhysicalCopyExists>
```

```
        <ExtractedRecord>N</ExtractedRecord>
        <ParentFolderIndex>324</ParentFolderIndex>
        <CurrentRequestee>0</CurrentRequestee>
        <Addressees>
            <Addressee>
                <Name>da</Name>
                <Type>O</Type>
            </Addressee>
        </Addressees>
        <PublicationDate>2012-12-12</PublicationDate>
        <OriginatingOrganisation>w</OriginatingOrganisation>
        <RecordType>NA</RecordType>
        <Status>O</Status>
        <MediaType>sdas</MediaType>
        <DispStatus>0</DispStatus>
        <ReceivedDateTime>2012-12-12</ReceivedDateTime>
        <ObsoleteRecord>Y</ObsoleteRecord>
    </Record>
    <RELATIONS></RELATIONS>
    <AdditionalRecordProperties></AdditionalRecordProperties>
</NGRM_CreateDocument_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateDocument* API:

Parameter	Parent Tag	Descriptio
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
LoginUserRights	Document	Rights of the user logged in
ParentFolderIndex	Document	Index of parent folder of the document
DocOrderNo	Document	Order of the document in the Folder where it is
DocumentIndex	Document	Index of the document
DocumentVersionNo	Document	Version of the document added
DocumentName	Document	Name of the document.
OwnerIndex	Document	Index of the Owner of the document.
CreationDateTime	Document	Creation Date and Time of the document.

Parameter	Parent Tag	Descriptio
RevisedDateTime	Document	Revision Date and Time of the document.
AccessDateTime	Document	Date and Time when the document was last acc
VersionFlag	Document	Specifies whether Versioning of document is all
AccessType	Document	Specifies the scope of accessing the document.
DocumentType	Document	Specifies the Type of the document.
CreatedByApp	Document	
ISIndex	Document	Specifies a unique Combination of Image Index for a document stored on Image Server separate
NoOfPages	Document	Specifies the number of pages in the document
DocumentSize	Document	Size of the document
FTSDocumentIndex	Document	
ODMADocumentIndex	Document	
EnableLog	Document	Flag that specifies whether to generate log for t
DocumentLock	Document	Flag that specifies whether any User has locked
Comment	Document	Comments associated with this document
Author	Document	Name of the author of the document.
TextISIndex	Document	
FTSFlag	Document	Reserved for internal use.
DocStatus	Document	Specifies the status of the document.
ExpiryDateTime	Document	Date and Time when the document will expire.
FinalizedFlag	Document	Flag that specifies whether the document is fina
FinalizedDateTime	Document	Date and Time when the document was finalize
CheckoutStatus	Document	Indicates whether the document has been chec
ACLMoreFlag	Document	Reserved for internal use.
PullPrintFlag	Document	Reserved for internal use.
MainGroupIndex	Document	This parameter is Reserved.

Parameter	Parent Tag	Descriptio
ThumbNailFlag	Document	Specifies whether Thumbnail related informatio
Owner	Document	Owner of the document
FinalizedBy	Document	Flag that specifies whether the document is fina
CheckoutBy	Document	Index of the User who has checked out this docu
CreatedByAppName	Document	Extension of the Document. For example, JPG, C
Record	Root	Record properties
RecordID	Record	Record index of this record
VitalRecord	Record	Vital status of the record
VitalReviewCycle	Record	Vital review cycle of record
DueForReviewFlag	Record	Flag indicating whether record is due for review
PermanentRecordIndicator	Record	Whether record is permanent or not
CurrentRequestee	Record	Current user who have requested for this record
PhysicalCopyExists	Record	Whether physical copy of record exists or not
ExtractedRecord	Record	Record should be extracted or not
ParentFolderIndex	Record	Index of parent folder of the document
Addressees	Record	Addressee of the record
OriginatingOrganisation	Record	Originating organization of record
RecordType	Record	Type of record
DispStatus	Record	Disposition status of the record
ObsoleteRecord	Record	Whether record is obsolete or not
AdditionalRecordProperties	Record	Additional properties of the record
FileName	AdditionalRecordProperties	Name of the file.
WebPlatform	AdditionalRecordProperties	Web platform of the htm file
WebSiteName	AdditionalRecordProperties	Name of the website
URL	AdditionalRecordProperties	Url of the file
CaptureMethod	AdditionalRecordProperties	Capture method of the file

Parameter	Parent Tag	Descriptio
CaptureDate	AdditionalRecordProperties	Capture date
Contact	AdditionalRecordProperties	Contact detail
ContentMgmtSystem	AdditionalRecordProperties	Content management system of file
For Digital Photograph		
Caption	AdditionalRecordProperties	Caption of the image file
Photographer	AdditionalRecordProperties	Name of Photographer
Copyright	AdditionalRecordProperties	Copyright of the image
BitDepth	AdditionalRecordProperties	How many unique colors are available in an ima number of 0's and 1's
ImageSize	AdditionalRecordProperties	Size of the image
ImageSource	AdditionalRecordProperties	Source of the image
Compression	AdditionalRecordProperties	Compression used for this record
ICCICMPRofile	AdditionalRecordProperties	
EXIFInfo	AdditionalRecordProperties	
For PDF		
ProducingApp	AdditionalRecordProperties	Producing app of the pdf file
ProducingAppVersion	AdditionalRecordProperties	Version of producing app
PDFVersion	AdditionalRecordProperties	Version of the pdf
CreatingApp	AdditionalRecordProperties	Creating app of the file
DocSecuritySettings	AdditionalRecordProperties	Security setting of the document
For Scanned Image		
FormatAndVersion	AdditionalRecordProperties	FormatAndVersion
Resolution	AdditionalRecordProperties	Resolution
BitDepth	AdditionalRecordProperties	BitDepth
For EML		
Sender	AdditionalRecordProperties	Sender of the mail

Parameter	Parent Tag	Descriptio
Subject	AdditionalRecordProperties	Subject line of the mail
Addressee	AdditionalRecordProperties	Addressee of the mail
Name	Addressee	Name of the addressee
Type	Addressee	Type of the addressee
SentTimeStamp	AdditionalRecordProperties	Sent time of the mail
ReceivedTimeStamp	AdditionalRecordProperties	Received time stamp of the mail
ReceivedFromServer	AdditionalRecordProperties	Server from which mail is received
Priority	AdditionalRecordProperties	Priority of the mail
MessageId	AdditionalRecordProperties	Message id of the mail
MessageType	AdditionalRecordProperties	Type of the message
AttachmentIndexList	AdditionalRecordProperties	Index of the attached file
ContentType	AdditionalRecordProperties	Type of the content
Mailer	AdditionalRecordProperties	Mailer associated with mail
AttachmentReference	AdditionalRecordProperties	Reference of the attachment
AddEmlProp	AdditionalRecordProperties	Additional eml properties

Errors and warnings

NGRM_CreateDocumentFromFile

Sample request

Request parameter description

Sample response

Response parameter description

Errors and warnings

NGRM_MakeRecord

This call is used to make record.

Sample request

```
<?xml version="1.0"?>
<NGRM_MakeRecord_Input>
    <Option>NGRM_MakeRecord</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Document>
        <DocumentIndex>147</DocumentIndex>
    </Document>
</NGRM_MakeRecord_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_MakeRecord* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
Document	Root		Properties of the record • Valid values — Not applicable • Default values — Not applicable	
DocumentIndex	Document		Index of the document • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_MakeRecord_Output>
    <Status>0</Status>
    <Record>
        <RecordID>147</RecordID>
        <VitalRecord></VitalRecord>
        <PermanentRecordIndicator>N</PermanentRecordIndicator>
```

```
        <CurrentRequestee>0</CurrentRequestee>
        <PhysicalCopyExists>N</PhysicalCopyExists>
        <ExtractedRecord>N</ExtractedRecord>
        <CurrentRequestee>0</CurrentRequestee>
        <Addressees></Addressees>
        <DispStatus>0</DispStatus>
    </Record>
</NGRM_MakeRecord_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_MakeRecord* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
Record	Root	Record properties
RecordID	Record	Id of the record
VitalRecord	Record	Vital status of the record
PermanentRecordIndicator	Record	Whether record is permanent or not
CurrentRequestee	Record	Current user who have requested for this record
PhysicalCopyExists	Record	Whether physical copy of record exists or not
ExtractedRecord	Record	Record should be extracted or not
Addressees	Record	Addressee of the record
DispStatus	Record	Disposition status of the record

Errors and warnings

NGRM_DeleteRecord

This call is used to delete record.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteRecord_Input>
    <Option>NGRM_DeleteRecord</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Records>
        <DocumentIndex>147</DocumentIndex>
    </Records>
</NGRM_DeleteRecord_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteRecord* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
Records	Root		Records to be deleted • Valid values — Not applicable • Default values — Not applicable	
RecordID	Records		Id of the record to be deleted • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_DeleteRecord_Output>
    <Status>0</Status>
    <Document>
        <DocumentSize>5169</DocumentSize>
        <TextISIndex>0#0</TextISIndex>
    </Document>
    <Record>
        <RecordID>147</RecordID>
        <CurrentRequestee>0</CurrentRequestee>
        <CurrentRequestee>0</CurrentRequestee>
        <Addressees></Addressees>
        <RecordType>NA</RecordType>
        <DispStatus>0</DispStatus>
```

```
    </Record>
</NGRM_DeleteRecord_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteRecord* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
DocumentSize	Document	Size of the document
TextISIndex	Document	
RecordID	Record	Id of the record
CurrentRequestee	Record	Current user who have requested for this record
Addressees	Record	Addressee of the record
DispStatus	Record	Disposition status of the record

Errors and warnings

NGRM_GetRecordProperties

This call is used to get record properties.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_GetRecordProperties* API:

Parameter	Parent Tag	Data Type	Description	Manda
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y or N • Default values — Not applicable	Yes
DocumentIndex	Root	Integer	Index of the document • Valid values — Not applicable • Default values — Not applicable	Yes
DataAlsoFlag	Root	String	Data-related information is required or not • Valid values — Y or N • Default values — Not applicable	Yes
ThumbNailAlsoFlag	Root	String	Specifies whether Thumbnail related information is present. • Valid values — Y or N • Default values — Not applicable	Yes
ReadOnlyFlag	Root	String	The record is editable or readable • Valid values — Y or N • Default values — Not applicable	Yes
Hierarchy	Root	String	Hierarchy • Valid values — Y or N • Default values — Not applicable	Yes
Locale	Root	String	Locale of record • Valid values — Y or N • Default values — Not applicable	Yes

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_GetRecordProperties* API:

Parameter	Parent Tag	Descripti
Status	Root	Represents the status of the document creatio
Document	Root	Contains information about the document.
ParentFolderIndex	Document	Index of the parent folder
DocOrderNo	Document	Order number of the document
DocumentIndex	Document	Index of the document
DocumentVersionNo	Document	Version number of the document
DocumentName	Document	Name of the document
OwnerIndex	Document	Index of the document owner
CreationDateTime	Document	Date and time when the document was create
RevisedDateTime	Document	Date and time when the document was last re
RevisedBy	Document	Revised By User
Index	RevisedByUserInfo	Index of Revised By user
Name	RevisedByUserInfo	Name of Revised By user
PersonalName	RevisedByUserInfo	First Name of Revised By user
FamilyName	RevisedByUserInfo	Last Name of Revised By user
AccessDateTime	Document	Date and time of the documents last access
DataDefIndex	Document	Index related to data definition
VersionFlag	Document	Flag indicating document version status
AccessType	Document	Type of access to the document.
DocumentType	Document	Type of document
CreatedByApp	Document	Application that created the document
ISIndex	Document	Index related to IS (Information System)
NoOfPages	Document	Number of pages in the document
DocumentSize	Document	Size of the document
FTSDocumentIndex	Document	Index related to FTS (Full-Text Search) docume
ODMADocumentIndex	Document	Index related to ODMA (Open Document Man
EnableLog	Document	Flag indicating whether logging is enabled
DocumentLock	Document	Flag indicating document locking status

Errors and warnings

The following table describes the error code and description of the NGRM_GetRecordProperties API:

Error code	Description
-6045	Record move to trash
-6004	Invalid record id
-16002	No Security Classification Rights
-6007	Document properties not fetched
-501	Database Error
-508	JTS Error
-502	Try Again

NGRM_GetUnAuthorizedRecordProperties

Sample request

Request parameter description

Sample response

Response parameter description

Errors and warnings

NGRM_SetRecordProperties

This call is used to change record properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetRecordProperties_Input>
    <Option>NGRM_SetRecordProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Document>
        <DocumentIndex>155</DocumentIndex>
        <DocumentName>test_2</DocumentName>
        <DocumentType></DocumentType>
        <Comment></Comment>
        <MediaType>gg</MediaType>
        <ObsoleteRecord>N</ObsoleteRecord>
        <RightsCheckNeeded>Y</RightsCheckNeeded>
        <Author>asdf</Author>
        <DataDefinition>
            <DataDefIndex>0</DataDefIndex>
            <Fields></Fields>
        </DataDefinition>
        <Keywords></Keywords>
        <GlobalIndexes>
            <Fields>
                <Field>
                    <IndexId>-1</IndexId>
                </Field>
            </Fields>
        </GlobalIndexes>
    </Document>
```

```
    <Record>
        <PermanentRecordIndicator>N</PermanentRecordIndicator>
        <BarCode></BarCode>
        <PhysicalCopyExists>Y</PhysicalCopyExists>
        <VitalRecord>N</VitalRecord>
        <Suspended>N</Suspended>
        <Addressees>
            <Addressee>
                <Name>asdf</Name>
                <Type>O</Type>
            </Addressee>
        </Addressees>
        <PublicationDate>2011-11-11 00:00:00.0</PublicationDate>
        <OriginatingOrganisation>adsf</OriginatingOrganisation>
        <RecordType>NA</RecordType>
    </Record>
    <Relations></Relations>
</NGRM_SetRecordProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetRecordProperties* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	NGRM operation option • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	User database ID • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
LogGeneration	Root	String	Log generation flag • Valid values — Not applicable • Default values — Not applicable	Yes
Document	Root	String	Details of Document • Valid values — Not applicable • Default values — Not applicable	Yes
DocumentIndex	Document	Integer	ID of Document • Valid values — Not applicable • Default values — Not applicable	Yes
CreationDateTime	Document	String	Date time of document creation • Valid values — Not applicable • Default values — Not applicable	Yes
VersionFlag	Document	String	Flag of document version • Valid values — Not applicable • Default values — Not applicable	Yes
AccessType	Document	String	Type of Access on Document • Valid values — Not applicable • Default values — Not applicable	Yes
DocumentName	Document	String	Name of the document • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
DocumentType	Document	String	Type of the document • Valid values — Not applicable • Default values — Not applicable	Yes
CreatedByAppName	Document	String	Created by application name • Valid values — Not applicable • Default values — Not applicable	Yes
PhysicalLocation	Document	Integer	Physical location of document • Valid values — Not applicable • Default values — Not applicable	Yes
BoxID	Document	Integer	Box id of document • Valid values — Not applicable • Default values — Not applicable	Yes
FTSFlag	Document	String	FTS Flag of document • Valid values — Not applicable • Default values — Not applicable	Yes
ObsoleteRecord	Document	String	Record is obsolete or not • Valid values — Not applicable • Default values — Not applicable	Yes
RightsCheckNeeded	Document	String	Check rights or not • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
Author	Document	String	Author of record • Valid values — Not applicable • Default values — Not applicable	Yes
AggregationLevel	Document	String	Aggregation level of rules applied on record • Valid values — Not applicable • Default values — Not applicable	Yes
DataDefIndex	DataDefinition	Integer	ID of associated dataclass • Valid values — Not applicable • Default values — Not applicable	Yes
DataDefName	DataDefinition	String	Name of associated dataclass • Valid values — Not applicable • Default values — Not applicable	Yes
Fields	DataDefinition	String	Fields of dataclass • Valid values — Not applicable • Default values — Not applicable	Yes
OwnerIndex	Document	Integer	ID of owner • Valid values — Not applicable • Default values — Not applicable	Yes
OwnerType	Document	String	Type of owner • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
DispStatus	Document	Integer	Disposition Status • Valid values — Not applicable • Default values — Not applicable	Yes
PermanentRecordIndicator	Record	String	Record Indicator • Valid values — Not applicable • Default values — Not applicable	Yes
BarCode	Record	String	Bar Code • Valid values — Not applicable • Default values — Not applicable	Yes
PhysicalCopyExists	Record	String	Physical Copy Exists or Not • Valid values — Not applicable • Default values — Not applicable	Yes
ExtractedRecord	Record	String	Record is extracted or not • Valid values — Not applicable • Default values — Not applicable	Yes
RecordNumber	Record	String	Number of record • Valid values — Not applicable • Default values — Not applicable	Yes
VitalRecord	Record	String	Vital Flag • Valid values — Not applicable • Default values — Not applicable	Yes
Suspended	Record	String	Suspension Flag	Yes

Parameter	Parent tag	Data type	Description	Mandatory
			• Valid values — Not applicable • Default values — Not applicable	
PublicationDate	Record	String	Publication Date • Valid values — Not applicable • Default values — Not applicable	Yes
OriginatingOrganisation	Record	String	Originated Organisation • Valid values — Not applicable • Default values — Not applicable	Yes
RecordType	Record	String	Type of Record • Valid values — Not applicable • Default values — Not applicable	Yes
SecurityClassificationLevel	Root	Integer	Level of security classification • Valid values — Not applicable • Default values — Not applicable	Yes
Locale	Root	String	Locale • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_SetRecordProperties_Output>
    <Status>0</Status>
```

```
    <Document>
        <ParentFolderIndex>345</ParentFolderIndex>
        <DocOrderNo>2</DocOrderNo>
        <DocumentIndex>155</DocumentIndex>
        <DocumentVersionNo>1.0</DocumentVersionNo>
        <DocumentName>test_2</DocumentName>
        <OwnerIndex>1</OwnerIndex>
        <CreationDateTime>2012-02-29 17:26:00.0</CreationDateTime>
        <RevisedDateTime>2012-04-18 14:33:19.567</RevisedDateTime>
        <AccessDateTime>2012-04-18 14:33:19.567</AccessDateTime>
        <VersionFlag>N</VersionFlag>
        <AccessType>I</AccessType>
        <DocumentType>N</DocumentType>
        <CreatedByApp>0</CreatedByApp>
        <ISIndex>109#1#</ISIndex>
        <NoOfPages>0</NoOfPages>
        <DocumentSize>807</DocumentSize>
        <FTSDocumentIndex>0</FTSDocumentIndex>
        <ODMADocumentIndex>not defined</ODMADocumentIndex>
        <EnableLog>N</EnableLog>
        <DocumentLock>N</DocumentLock>
        <Comment></Comment>
        <Author>asdf</Author>
        <TextISIndex>0#0#</TextISIndex>
        <FTSFlag>XX</FTSFlag>
        <DocStatus>A</DocStatus>
        <ExpiryDateTime>2112-02-28 17:26:48.77</ExpiryDateTime>
        <FinalizedFlag>N</FinalizedFlag>
        <FinalizedDateTime>2112-02-28 17:26:48.77</FinalizedDateTime>
        <CheckoutStatus>N</CheckoutStatus>
        <ACLMoreFlag>N</ACLMoreFlag>
        <CreatedByAppName>txt</CreatedByAppName>
        <PullPrintFlag>N</PullPrintFlag>
        <ThumbNailFlag>N</ThumbNailFlag>
        <Owner>Supervisor</Owner>
        <Author>asdf</Author>
        <Keywords></Keywords>
        <GlobalIndexes>
            <Fields></Fields>
        </GlobalIndexes>
    </Document>
    <DocumentChanged>Y</DocumentChanged>
    <Record>
        <RecordID>155</RecordID>
        <VitalRecord>N</VitalRecord>
        <DueForReviewFlag>N</DueForReviewFlag>
        <PermanentRecordIndicator>N</PermanentRecordIndicator>
        <CurrentRequestee>0</CurrentRequestee>
        <PhysicalCopyExists>Y</PhysicalCopyExists>
        <Suspended>N</Suspended>
        <ParentFolderIndex>345</ParentFolderIndex>
```

```
        <CurrentRequestee>0</CurrentRequestee>
        <Addressees></Addressees>
        <PublicationDate>2011-11-11 00:00:00.0</PublicationDate>
        <OriginatingOrganisation>adsf</OriginatingOrganisation>
        <RecordType>NA</RecordType>
        <Status>O</Status>
        <MediaType>gg</MediaType>
        <DispStatus>0</DispStatus>
        <ObsoleteRecord>N</ObsoleteRecord>
    </Record>
    <RELATIONS></RELATIONS>
    <AdditionalRecordProperties></AdditionalRecordProperties>
</NGRM_SetRecordProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetRecordProperties* API:

Parameter	Parent Tag	Description
Status	Root	Represents the status of the document creation
Document	Root	Contains information about the document.
ParentFolderIndex	Document	Index of the parent folder
DocOrderNo	Document	Order number of the document
DocumentIndex	Document	Index of the document
DocumentVersionNo	Document	Version number of the document
DocumentName	Document	Name of the document
OwnerIndex	Document	Index of the document owner
CreationDateTime	Document	Date and time when the document was created
RevisedDateTime	Document	Date and time when the document was last revise
AccessDateTime	Document	Date and time of the documents last access
DataDefIndex	Document	Index related to data definition
VersionFlag	Document	Flag indicating document version status
AccessType	Document	Type of access to the document.
DocumentType	Document	Type of document
CreatedByApp	Document	Application that created the document
ISIndex	Document	Index related to IS (Information System)
NoOfPages	Document	Number of pages in the document
DocumentSize	Document	Size of the document
FTSDocumentIndex	Document	Index related to FTS (Full-Text Search) document
ODMADocumentIndex	Document	Index related to ODMA (Open Document Manager document
EnableLog	Document	Flag indicating whether logging is enabled
DocumentLock	Document	Flag indicating document locking status
Comment	Document	A comment associated with the document
Author	Document	The author of the document
FTSFlag	Document	Flag related to FTS (Full-Text Search)
DocStatus	Document	Status of the document

Errors and warnings

The following table describes the error codes and description of the NGRM_SetRecordProperties API:

Error code	Description
-14007	Class Not Approved
-14008	Class Locked
-14009	Box Not With User
-14016	Box Locked
-16002	No Security Classification Rights
-6004	Invalid Record ID
-6064	No Rights To Reviewer User Group Role
-13092	Reminder Not Set
-501	Database Error
-508	JTS Error
-502	Try Again
-505	No rights for the current operation

NGRM_SuspendReleaseRecord

This call is used to suspend release records.

Sample request

```
<?xml version="1.0"?>
<NGRM_SuspendReleaseRecord_Input>
    <Option>NGRM_SuspendReleaseRecord</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
```

```
    <Suspended>Y</Suspended>
    <SuspensionReason>vf</SuspensionReason>
    <Documents>
        <Document>
            <DocumentIndex>165</DocumentIndex>
        </Document>
    </Documents>
</NGRM_SuspendReleaseRecord_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SuspendReleaseRecord* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable
CabinetName	Root		Name of the Cabinet to which the User wants to • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root		UserDatabase ID, which is returned in the NGOC • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable
Suspended	Root		Whether record is suspended or not • Valid values — Y for yes and N for No • Default values — Not applicable
SuspensionReason	Root		Reason of suspension • Valid values — Not applicable • Default values — Not applicable
Document	Documents		Suspended documents • Valid values — Not applicable • Default values — Not applicable
DocumentIndex	Document		Index of the suspended document • Valid values — Not applicable • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_SuspendReleaseRecord_Output>
    <Status>0</Status>
    <FailedList></FailedList>
</NGRM_SuspendReleaseRecord_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SuspendReleaseRecord* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		Status returned for the call
FailedList	Root		Failed document list
DocumentIndex	Document		Index of the suspended document
ErrorCode	Document		Error code for failed record
SubCode	Document		Sub error code
Error	Document		Error of the suspended record

Errors and warnings

NGRM_ChangeVitalStatus

This call is used to change vital status of the record.

Sample request

```
<?xml version="1.0"?>
<NGRM_ChangeVitalStatus_Input>
    <Option>NGRM_ChangeVitalStatus</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <DocumentIndex>165</DocumentIndex>
</NGRM_ChangeVitalStatus_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ChangeVitalStatus* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable
CabinetName	Root	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	Allows log generation • Valid values — Not applicable • Default values — Not applicable
DocumentIndex	Root	Index of the suspended document • Valid values — Not applicable • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_ChangeVitalStatus_Output>
    <Status>0</Status>
    <Record>
        <RecordID>165</RecordID>
        <DueForReviewFlag>N</DueForReviewFlag>
        <SuspendedByName>Supervisor</SuspendedByName>
        <CurrentRequestee>0</CurrentRequestee>
        <CurrentRequestee>0</CurrentRequestee>
        <Addressees></Addressees>
        <DispStatus>0</DispStatus>
```

```
    </Record>
</NGRM_ChangeVitalStatus_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_ChangeVitalStatus* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
RecordID	Record	Record index of this record
DueForReviewFlag	Record	Flag indicating whether record is due for review or not
SuspendedByName	Record	Name of the user who suspended record
CurrentRequestee	Record	Current user who have requested for this record
Addressees	Record	Addressee of the record
DispStatus	Record	Disposition status of the record

Errors and warnings

NGRM_ChangeFilePart

This call is used to change vital status of the record.

Sample request

```
<?xml version="1.0"?>
<NGRM_ChangeFilePart_Input>
    <Option>NGRM_ChangeFilePart</Option>
    <CabinetName>MyCab</CabinetName>
```

```
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Document>
        <DocumentIndex>157</DocumentIndex>
        <ParentFolderIndex>345</ParentFolderIndex>
        <DestFolderIndex>311</DestFolderIndex>
    </Document>
</NGRM_ChangeFilePart_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ChangeFilePart* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Not applicable • Default values — Not applicable	
DocumentIndex	Root		Index of the suspended document • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_ChangeFilePart_Output>
```

```
    <Option>NGRM_ChangeFilePart</Option>
    <Status>-6018</Status>
    <Error>Source and Destination file should not be closed.</Error>
    <ErrorSubject></ErrorSubject>
</NGRM_ChangeFilePart_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_ChangeFilePart* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		Status returned for the call
RecordID	Record		Record index of this record
DueForReviewFlag	Record		Flag indicating whether record is due for review or not
SuspendedByName	Record		Name of the user who suspended record
CurrentRequestee	Record		Current user who have requested for this record
Addressees	Record		Addressee of the record
DispStatus	Record		Disposition status of the record

Errors and warnings

NGRM_GetRecordList

This call is used to get record list of a filepart.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetRecordList_Input>
    <Option>NGRM_GetRecordList</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>345</FolderIndex>
    <PreviousIndex>0</PreviousIndex>
    <NoOfRecordsToFetch>5</NoOfRecordsToFetch>
    <LastSortField></LastSortField>
    <OrderBy>2</OrderBy>
    <DataAlsoFlag>N</DataAlsoFlag>
    <DataDefID>0</DataDefID>
    <ReferenceFlag>B</ReferenceFlag>
    <SortOrder>A</SortOrder>
</NGRM_GetRecordList_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetRecordList* API:

Parameter	Parent Tag	Parameter Type	Description	Manda
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
FolderIndex	Root		Index of the folder whose Folder List is to be fetched in this call. If it is 0, then list of all the folders is fetched. • Valid values — Not applicable • Default values — Not applicable	
PreviousIndex	Root		This tag is meant for the last Index of the Folder received in the previous batch. Should be sent for the first batch. • Valid values — Not applicable • Default values — Not applicable	
NoOfRecordsToFetch	Root		Specifies the Number of records to be fetched in the current batch. • Valid values — Not applicable • Default values — Not applicable	
LastSortField	Root		This tag is meant for the value of the sorted column of the last Folder received in the previous batch • Valid values — Not applicable • Default values — Not applicable	
OrderBy	Root		Indicates the field (Folder Name, Folder Index etc) on the basis of which the Folder List will be sorted. • Valid values — ◦ 1- Folder Index ◦ 2- Folder Name • Default values — Not applicable	
			Specifies whether to retrieve the Data Class field	

Sample response

```
<?xml version="1.0"?>
<NGRM_GetRecordList_Output>
    <Status>0</Status>
    <DocRecords>
        <DocRecord>
            <Document>
                <DocumentIndex>157</DocumentIndex>
                <DocumentVersionNo>1.0</DocumentVersionNo>
                <DocumentName>dispRecord</DocumentName>
                <OwnerIndex>1</OwnerIndex>
                <OwnerName>Supervisor</OwnerName>
                <CreationDateTime>2012-03-06 18:36:00.0</CreationDateTime>
                <RevisedDateTime>2012-03-06 18:36:00.0</RevisedDateTime>
                <AccessDateTime>2012-03-06 18:36:00.0</AccessDateTime>
                <VersionFlag>N</VersionFlag>
                <DocumentType>N</DocumentType>
                <ISIndex>111#1#</ISIndex>
                <NoOfPages>0</NoOfPages>
                <DocumentSize>8509</DocumentSize>
                <FTSDocumentIndex>0</FTSDocumentIndex>
                <Comment></Comment>
                <Author>newgen</Author>
                <FTSFlag>X</FTSFlag>
                <ExpiryDateTime>2112-03-05 18:36:37.107</ExpiryDateTime>
                <FinalizedFlag>N</FinalizedFlag>
                <FinalizedDateTime>2112-03-05 18:36:37.107</FinalizedDateTime>
                <CheckOutStatus>N</CheckOutStatus>
                <ParentFolderIndex>345</ParentFolderIndex>
                <DocOrderNo>-1</DocOrderNo>
                <FiledDateTime>2012-03-06 18:36:00.0</FiledDateTime>
                <ReferenceFlag>O</ReferenceFlag>
                <FiledByUser>-1</FiledByUser>
                <LockByUser>-1</LockByUser>
                <FinalizedBy>-1</FinalizedBy>
                <CreatedByAppName>txt</CreatedByAppName>
                <DataDefinition>
                    <DataDefIndex>0</DataDefIndex>
                    <DataDefName>null</DataDefName>
                </DataDefinition>
            </Document>
            <Record>
                <VitalRecord>N</VitalRecord>
                <CurrentBorrower>0</CurrentBorrower>
                <SuspendedByName>Supervisor</SuspendedByName>
                <PermanentRecordIndicator>N</PermanentRecordIndicator>
                <TransferNoteID>0</TransferNoteID>
                <CurrentRequestee>0</CurrentRequestee>
```

```
            <FileCategory>/MyCab/Fileplan/000001/11/1111</FileCategory>
            <PhysicalCopyExists>Y</PhysicalCopyExists>
            <ExtractedRecord>N</ExtractedRecord>
            <SuspendedDateTime>2012-03-06 18:36:58.39</SuspendedDateTime>
            <SuspendedBy>1</SuspendedBy>
            <Suspended>Y</Suspended>
            <SuspensionReason>nfvkdsu</SuspensionReason>
            <ParentFolderIndex>345</ParentFolderIndex>
            <CurrentRequestee>0</CurrentRequestee>
            <Addressees></Addressees>
            <PublicationDate>2012-03-06 00:00:00.0</PublicationDate>
            <OriginatingOrganisation>newgen</OriginatingOrganisation>
            <DispStatus>0</DispStatus>
            <LinkIndicator>N</LinkIndicator>
        </Record>
    </DocRecord>
    <DocRecord>
        <Document>
            <DocumentIndex>145</DocumentIndex>
            <DocumentVersionNo>1.0</DocumentVersionNo>
            <DocumentName>rec_1</DocumentName>
            <OwnerIndex>1</OwnerIndex>
            <OwnerName>Supervisor</OwnerName>
            <CreationDateTime>2012-02-10 17:30:00.0</CreationDateTime>
            <RevisedDateTime>2012-02-10 17:30:00.0</RevisedDateTime>
            <AccessDateTime>2012-03-07 15:21:00.0</AccessDateTime>
            <VersionFlag>N</VersionFlag>
            <DocumentType>N</DocumentType>
            <ISIndex>99#1#</ISIndex>
            <NoOfPages>0</NoOfPages>
            <DocumentSize>147</DocumentSize>
            <FTSDocumentIndex>0</FTSDocumentIndex>
            <Comment></Comment>
            <Author>adf</Author>
            <FTSFlag>X</FTSFlag>
            <ExpiryDateTime>2112-02-09 17:30:18.48</ExpiryDateTime>
            <FinalizedFlag>N</FinalizedFlag>
            <FinalizedDateTime>2112-02-09 17:30:18.48</FinalizedDateTime>
            <CheckOutStatus>N</CheckOutStatus>
            <ParentFolderIndex>345</ParentFolderIndex>
            <DocOrderNo>-1</DocOrderNo>
            <FiledDateTime>2012-02-10 17:30:00.0</FiledDateTime>
            <ReferenceFlag>O</ReferenceFlag>
            <FiledByUser>-1</FiledByUser>
            <LockByUser>-1</LockByUser>
            <FinalizedBy>-1</FinalizedBy>
            <CreatedByAppName>sql</CreatedByAppName>
            <DataDefinition>
                <DataDefIndex>0</DataDefIndex>
                <DataDefName>null</DataDefName>
            </DataDefinition>
```

```
            </Document>
            <Record>
                <VitalRecord>N</VitalRecord>
                <CurrentBorrower>0</CurrentBorrower>
                <PermanentRecordIndicator>N</PermanentRecordIndicator>
                <TransferNoteID>0</TransferNoteID>
                <CurrentRequestee>0</CurrentRequestee>
                <FileCategory>/MyCab/Fileplan/000001/11/1111</FileCategory>
                <PhysicalCopyExists>Y</PhysicalCopyExists>
                <ExtractedRecord>N</ExtractedRecord>
                <SuspendedBy>0</SuspendedBy>
                <ParentFolderIndex>345</ParentFolderIndex>
                <CurrentRequestee>0</CurrentRequestee>
                <Addressees></Addressees>
                <PublicationDate>2011-11-11 00:00:00.0</PublicationDate>
                <OriginatingOrganisation>adfaf</OriginatingOrganisation>
                <DispStatus>0</DispStatus>
                <LinkIndicator>N</LinkIndicator>
            </Record>
        </DocRecord>
        <DocRecord>
            <Document>
                <DocumentIndex>155</DocumentIndex>
                <DocumentVersionNo>1.0</DocumentVersionNo>
                <DocumentName>test_2</DocumentName>
                <OwnerIndex>1</OwnerIndex>
                <OwnerName>Supervisor</OwnerName>
                <CreationDateTime>2012-02-29 17:26:00.0</CreationDateTime>
                <RevisedDateTime>2012-04-18 14:33:19.567</RevisedDateTime>
                <AccessDateTime>2012-04-18 14:33:19.567</AccessDateTime>
                <VersionFlag>N</VersionFlag>
                <DocumentType>N</DocumentType>
                <ISIndex>109#1#</ISIndex>
                <NoOfPages>0</NoOfPages>
                <DocumentSize>807</DocumentSize>
                <FTSDocumentIndex>0</FTSDocumentIndex>
                <Comment></Comment>
                <Author>asdf</Author>
                <FTSFlag>X</FTSFlag>
                <ExpiryDateTime>2112-02-28 17:26:48.77</ExpiryDateTime>
                <FinalizedFlag>N</FinalizedFlag>
                <FinalizedDateTime>2112-02-28 17:26:48.77</FinalizedDateTime>
                <CheckOutStatus>N</CheckOutStatus>
                <ParentFolderIndex>345</ParentFolderIndex>
                <DocOrderNo>-1</DocOrderNo>
                <FiledDateTime>2012-02-29 17:26:00.0</FiledDateTime>
                <ReferenceFlag>O</ReferenceFlag>
                <FiledByUser>-1</FiledByUser>
                <LockByUser>-1</LockByUser>
                <FinalizedBy>-1</FinalizedBy>
                <CreatedByAppName>txt</CreatedByAppName>
```

```
                <DataDefinition>
                    <DataDefIndex>0</DataDefIndex>
                    <DataDefName>null</DataDefName>
                </DataDefinition>
            </Document>
            <Record>
                <VitalRecord>N</VitalRecord>
                <CurrentBorrower>0</CurrentBorrower>
                <PermanentRecordIndicator>N</PermanentRecordIndicator>
                <TransferNoteID>0</TransferNoteID>
                <CurrentRequestee>0</CurrentRequestee>
                <FileCategory>/MyCab/Fileplan/000001/11/1111</FileCategory>
                <PhysicalCopyExists>Y</PhysicalCopyExists>
                <ExtractedRecord>N</ExtractedRecord>
                <SuspendedBy>0</SuspendedBy>
                <Suspended>N</Suspended>
                <ParentFolderIndex>345</ParentFolderIndex>
                <CurrentRequestee>0</CurrentRequestee>
                <Addressees></Addressees>
                <PublicationDate>2011-11-11 00:00:00.0</PublicationDate>
                <OriginatingOrganisation>adsf</OriginatingOrganisation>
                <DispStatus>0</DispStatus>
                <LinkIndicator>N</LinkIndicator>
            </Record>
        </DocRecord>
        <DocRecord>
            <Document>
                <DocumentIndex>165</DocumentIndex>
                <DocumentVersionNo>1.0</DocumentVersionNo>
                <DocumentName>test_sd_1</DocumentName>
                <OwnerIndex>1</OwnerIndex>
                <OwnerName>Supervisor</OwnerName>
                <CreationDateTime>2012-04-09 23:37:00.0</CreationDateTime>
                <RevisedDateTime>2012-04-18 14:37:20.187</RevisedDateTime>
                <AccessDateTime>2012-04-18 14:37:20.187</AccessDateTime>
                <VersionFlag>N</VersionFlag>
                <DocumentType>N</DocumentType>
                <ISIndex>119#1#</ISIndex>
                <NoOfPages>0</NoOfPages>
                <DocumentSize>2340</DocumentSize>
                <FTSDocumentIndex>0</FTSDocumentIndex>
                <Comment></Comment>
                <Author>new</Author>
                <FTSFlag>X</FTSFlag>
                <ExpiryDateTime>2112-04-08 23:37:00.173</ExpiryDateTime>
                <FinalizedFlag>N</FinalizedFlag>
                <FinalizedDateTime>2112-04-08 23:37:00.173</FinalizedDateTime>
                <CheckOutStatus>N</CheckOutStatus>
                <ParentFolderIndex>345</ParentFolderIndex>
                <DocOrderNo>-1</DocOrderNo>
                <FiledDateTime>2012-04-09 23:37:00.0</FiledDateTime>
```

```
                <ReferenceFlag>O</ReferenceFlag>
                <FiledByUser>-1</FiledByUser>
                <LockByUser>-1</LockByUser>
                <FinalizedBy>-1</FinalizedBy>
                <CreatedByAppName>txt</CreatedByAppName>
                <DataDefinition>
                    <DataDefIndex>0</DataDefIndex>
                    <DataDefName>null</DataDefName>
                </DataDefinition>
            </Document>
            <Record>
                <VitalRecord>Y</VitalRecord>
                <CurrentBorrower>0</CurrentBorrower>
                <SuspendedByName>Supervisor</SuspendedByName>
                <PermanentRecordIndicator>N</PermanentRecordIndicator>
                <TransferNoteID>0</TransferNoteID>
                <CurrentRequestee>0</CurrentRequestee>
                <FileCategory>/MyCab/Fileplan/000001/11/1111</FileCategory>
                <PhysicalCopyExists>Y</PhysicalCopyExists>
                <ExtractedRecord>N</ExtractedRecord>
                <SuspendedDateTime>2012-04-18 14:35:32.303</SuspendedDateTime>
                <SuspendedBy>1</SuspendedBy>
                <Suspended>Y</Suspended>
                <SuspensionReason>vf</SuspensionReason>
                <ParentFolderIndex>345</ParentFolderIndex>
                <CurrentRequestee>0</CurrentRequestee>
                <Addressees></Addressees>
                <PublicationDate>2012-04-09 00:00:00.0</PublicationDate>
                <OriginatingOrganisation>sds</OriginatingOrganisation>
                <DispStatus>0</DispStatus>
                <LinkIndicator>N</LinkIndicator>
            </Record>
        </DocRecord>
    </DocRecords>
    <NoOfRecordsFetched>4</NoOfRecordsFetched>
    <TotalNoOfRecords>4</TotalNoOfRecords>
</NGRM_GetRecordList_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetRecordList* API:

Parameter	Parent Tag	Parameter Type	
Option	Root		Unique Option for the Call.
Status	Root		Status returned for the call
DocRecord	DocRecords		List of records
DocumentIndex	Document		Index of the document
DocumentVersionNo	Document		Version of the document added
DocumentName	Document		Name of the document.
OwnerIndex	Document		Index of the Owner of the document.
OwnerName	Document		name of the owner of the index
CreationDateTime	Document		Creation Date and Time of the document.
RevisedDateTime	Document		Revision Date and Time of the document.
AccessDateTime	Document		Date and Time when the document was last acc
VersionFlag	Document		Specifies whether Versioning of document is allo
ISIndex	Document		Specifies a unique Combination of Image Index a
NoOfPages	Document		Specifies the number of pages in the document.
DocumentSize	Document		Size of the document
FTSDocumentIndex	Document		
DocumentType	Document		Type of the document
Comment	Document		Comment associated with this document
Author	Document		Name of the author of the document.
FinalizedFlag	Document		Flag that specifies whether the document is fina
FinalizedDateTime	Document		Date and Time when the document was finalized
CheckoutStatus	Document		Indicates whether the document has been check
ParentFolderIndex	Document		Index of parent folder of the document
DocOrderNo	Document		Order of the document in the Folder where it is a
FiledByUser	Document		Name of the user who filed the record
LockByUser	Document		Id of the user who locked the record
FinalizedBy	Document		Name of the user who finalized the record

Errors and warnings

NGRM_SearchRecord

This call is used to search record in a filepart.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_SearchRecord* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
CabinetName	Root		Name of the Cabinet to which the U connect
UserDBId	Root		UserDatabase ID, which is returned NGOConnectCabinet call.
LogGeneration	Root		Allows log generation
LookInFolder	Root		Index of folder in which to search fo
IncludeSubFolder	Root		Whether to include subfolder in sea
RecordType	Root		Type of record
LinkDocFlag	Root		Flag indicating whether record is li
PreviousList	Root		
StartFrom	Root		Starting index
NoOfRecordsToFetch			
NoOfRecordsToFetch	Root		Specifies the Number of records to the current batch.
ReferenceFlag	Root		Reference flag of the data class
DataAlsoFlag	Root		
DataAlsoFlag	Root		Data related information is required
MaximumHitCountFlag	Root		Specifies whether in the search resu MaximumHit Count tag is required MaximumHit Count tag indicates n records that fulfill the search criteri of rights on individual documents.
SearchOnPreviousVersions	Root		Indicates if search is to be performe Versions of document also or only t Versions of the documents are to b the search
SearchText	Root		Text for making Full Text Search
SearchUID	Root		Id of the user performing the search
DocumentType	Root		Type of the document

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_SearchRecord* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
SearchResult	SearchResults	Result searched
DocumentIndex	Document	Index of the document
DocumentVersionNo	Document	Version of the document added
DocumentName	Document	Name of the document.
OwnerName	Document	Name of the owner of the record
OwnerIndex	Document	Index of the Owner of the document.
CreationDateTime	Document	Creation Date and Time of the document.
RevisedDateTime	Document	Revision Date and Time of the document.
AccessDateTime	Document	Date and Time when the document was last acc
VersionFlag	Document	Specifies whether Versioning of document is all
DocumentType	Document	Specifies the Type of the document.
ISIndex	Document	Specifies a unique Combination of Image Index for a document stored on Image Server separate
NoOfPages	Document	Specifies the number of pages in the document
DocumentSize	Document	Size of the document
FTSDocumentIndex	Document	
Comment	Document	Comments associated with this document
Author	Document	Name of the author of the document.
TextISIndex	Document	

Parameter	Parent Tag	Description
FTSFlag	Document	Reserved for internal use.
ExpiryDateTime	Document	Date and Time when the document will expire.
FinalizedFlag	Document	Flag that specifies whether the document is fina
FinalizedDateTime	Document	Date and Time when the document was finalize
CheckoutStatus	Document	Indicates whether the document has been chec
ParentFolderIndex	Document	Parent folder index of the record
DocOrderNo	Document	Document order in fetch result
ReferenceFlag	Document	Reference flag of the data class
FiledByUser	Document	Name of the user who filed the record
LockByUser	Document	Id of the user who locked the record
FinalizedBy	Document	Flag that specifies whether the document is fina
CreatedByAppName	Document	Extension of the Document. For example, JPG, C
DataDefinition	Document	It contains the data regarding the Data Class to be associated with the document and its fields a
DataDefIndex	DataDefinition	IndexName of the Data Class associated with th
Fields	DataDefinition	It contains the information about the fields in th
Field	Fields	Description containing information regarding p
IndexId	Field	Index of the Field associated with the Data Class
IndexName	Field	Name of the index
IndexType	Field	The type of data that the field would store in the
IndexAttribute	Field	Attribute of the index
IndexValue	Field	Value of this index
VitalRecord	Record	Vital status of the record
VitalStatusReviewDate	Record	Vital status review date of the record
VitalReviewCycle	Record	Vital review cycle of record

Parameter	Parent Tag	Description
CyclicOrTimeBased	Record	Whether review is cyclic or time based
PermanentRecordIndicator	Record	Whether record is permanent or not
CurrentRequestee	Record	Current user who have requested for this record
PhysicalCopyExists	Record	Whether physical copy of record exists or not
ExtractedRecord	Record	Record should be extracted or not
ParentFolderIndex	Record	Index of parent folder of the document
Addressees	Record	Addressee of the record
OriginatingOrganisation	Record	Originating organization of record
RecordType	Record	Type of record
DispStatus	Record	Disposition status of the record
BarCode	Record	Barcode of the record
CurrentBorrower	Record	Current borrower of the record
TransferNoteID	Record	Transfer note id of the record
FileNumber	Record	File number of the record
FileCategory	Record	Category of the file indicating full path of the rec
SuspendedBy	Record	Index of the user responsible for the suspension
SearchOptions	Record	
PublicationDate	Record	Date of publication of the document
LinkIndicator	Record	A flag indicating whether record is linked to oth
MediaType	Record	
ReceivedDateTime	Record	Received date and time of the document
MediaType	Record	
FileIdentifier	Record	File identifier associated with record
ReviewerName	Record	Name of the reviewer of the record
LastReviewedDate	Record	Last review date of the record
ParentObjectType	Record	Parent object type of the record

Parameter	Parent Tag	Description
GlobalIndexes	Record	Globalindex associated with this document
Fields	GlobalIndexes	Global index fields
Field	Fields	Contains the information about a particular field
IndexId	Field	Index of the Field associated with the Data Class
IndexValue	Field	Value of the globalindex
IndexType	Field	The type of data that the field would store in the
IndexLength	Field	Length of the global index filed
IndexFlag	Field	Specifies whether the given Index is Global or sp Class.
ImageValue	Field	
Pickable	Field	Whether field is pickable or not
AdditionalRecordProperties	Record	Additional properties of the record
FileName	AdditionalRecordProperties	Name of the file.
WebPlatform	AdditionalRecordProperties	Web platform of the htm file
WebSiteName	AdditionalRecordProperties	Name of the website
URL	AdditionalRecordProperties	Url of the file
CaptureMethod	AdditionalRecordProperties	Capture method of the file
CaptureDate	AdditionalRecordProperties	Capture date
Contact	AdditionalRecordProperties	Contact detail
ContentMgmtSystem	AdditionalRecordProperties	Content management system of file
Caption	AdditionalRecordProperties	Caption of the image file
Photographer	AdditionalRecordProperties	Name of Photographer
Copyright	AdditionalRecordProperties	Copyright of the image
BitDepth	AdditionalRecordProperties	How many unique colors are available in an ima in terms of the number of 0's and 1's
ImageSize	AdditionalRecordProperties	Size of the image
ImageSource	AdditionalRecordProperties	Source of the image

Parameter	Parent Tag	Description
Compression	AdditionalRecordProperties	Compression used for this record
ICCICMPRofile	AdditionalRecordProperties	
EXIFInfo	AdditionalRecordProperties	
ProducingApp	AdditionalRecordProperties	Producing app of the pdf file
ProducingAppVersion	AdditionalRecordProperties	Version of producing app
PDFVersion	AdditionalRecordProperties	Version of the pdf
CreatingApp	AdditionalRecordProperties	Creating app of the file
DocSecuritySettings	AdditionalRecordProperties	Security setting of the document
NoOfRecordsFetched	Root	No of records to fetch at a time
TotalNoOfRecords	Root	No of records fetched in this call
MaximumHitCount	Root	Indicates number of records that fulfill the searc irrespective of rights on individual documents.
FormatAndVersion	AdditionalRecordProperties	Format and version of the image
Resolution	AdditionalRecordProperties	Resolution of the image
BitDepth	AdditionalRecordProperties	How many unique colors are available in an image's color palette in terms of the number of
Sender	AdditionalRecordProperties	Sender of the mail
Subject	AdditionalRecordProperties	Subject line of the mail
Addressee	AdditionalRecordProperties	Addressee of the mail
Name	Addressee	Name of the addressee
Type	Addressee	Type of the addressee
SentTimeStamp	AdditionalRecordProperties	Sent time of the mail
ReceivedTimeStamp	AdditionalRecordProperties	Received time stamp of the mail
ReceivedFromServer	AdditionalRecordProperties	Server from which mail is received
Priority	AdditionalRecordProperties	Priority of the mail
MessageId	AdditionalRecordProperties	Message id of the mail
MessageType	AdditionalRecordProperties	Type of the message

Parameter	Parent Tag	Description
AttachmentIndexList	AdditionalRecordProperties	Index of the attached file
ContentType	AdditionalRecordProperties	Type of the content
Mailer	AdditionalRecordProperties	Mailer associated with mail
AttachmentReference	AdditionalRecordProperties	Reference of the attachment
AddEmlPrope	AdditionalRecordProperties	Additional eml properties

Errors and warnings

NGRM_FileDocumentToFilePlan

Sample request

```
<?xml version="1.0"?>
<NGRM_FileDocumentToFilePlan_Input>
    <Option>NGRM_FileDocumentToFilePlan</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <DestFolderIndex></DestFolderIndex>
    <ParentFolderIndex></ParentFolderIndex>
    <CreateReference></CreateReference>
    <DocumentIndex></DocumentIndex>
    <VitalRecord></VitalRecord>
    <PhysicalCopyExists></PhysicalCopyExists>
    <FinalizedFlag></FinalizedFlag>
    <CurrentBorrower></CurrentBorrower>
    <VitalStatusReviewDate></VitalStatusReviewDate>
    <VitalReviewCycle></VitalReviewCycle>
    <DueForReviewFlag></DueForReviewFlag>
    <CyclicOrTimeBased></CyclicOrTimeBased>
    <LastReviewedDate></LastReviewedDate>
    <ReferenceAsOfDate></ReferenceAsOfDate>
    <ReviewerId></ReviewerId>
    <PhysicalCopyExists></PhysicalCopyExists>
</NGRM_FileDocumentToFilePlan_Input>
```

Request parameter description

Sample response

```
<?xml version="1.0"?>
<NGRM_FileDocumentToFilePlan_Outout>
    <Option>NGRM_FileDocumentToFilePlan</Option>
    <Status></Status>
    <FailedList>
        <Document>
            <DocumentIndex></DocumentIndex>
            <ErrorCode></ErrorCode>
            <SubCode></SubCode>
            <Error></Error>
        </Document>
    </FailedList>
</NGRM_FileDocumentToFilePlan_Outout>
```

Response parameter description

Errors and warnings

NGRM_SearchRecordExt

This call is used to search record in a filepart.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_SearchRecordExt* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
CabinetName	Root		Name of the Cabinet to which the U connect
UserDBId	Root		UserDatabase ID, which is returned NGOConnectCabinet call.
LogGeneration	Root		Allows log generation
LookInFolder	Root		Index of folder in which to search fo
IncludeSubFolder	Root		Whether to include subfolder in sea
RecordType	Root		Type of record
LinkDocFlag	Root		Flag indicating whether record is li
PreviousList	Root		
StartFrom	Root		Starting index
NoOfRecordsToFetch			
NoOfRecordsToFetch	Root		Specifies the Number of records to the current batch.
ReferenceFlag	Root		Reference flag of the data class
DataAlsoFlag	Root		
DataAlsoFlag	Root		
MaximumHitCountFlag	Root		Specifies whether in the search res MaximumHit Count tag is required MaximumHit Count tag indicates n records that fulfill the search criteri of rights on individual documents.
SearchOnPreviousVersions	Root		Indicates if search is to be performe Versions of document also or only t Versions of the documents are to b the search
SearchText	Root		Text for making Full Text Search
SearchUID	Root		Id of the user performing the searc

Parameter	Parent Tag	Parameter Type	Description
DocumentType	Root		Type of the document
GlobalAlsoFlag	Root		Whether to include global indexes
ObjectTypes			Contains information about the obj shall be included while making a Fu
Criterion	Criteria		Criteria on which to make search
CriterionOperator	Criterion		Criteria operator
CriterionValue	Criterion		Value on which to make search
CriterionJoin	Criterion		Join condition for multiple criteria
CriterionOperator	Criterion		Criteria operator
CriterionValue	Criterion		Specifies Revised Date Range in the Creation
CriterionJoin	Criterion		DateRange
OrderBy	OrderByField		Indicates the field on which the sea be sorted e.g. Name of document, C Date Time etc.
SortOrder	OrderByField		Order of sorting required
CriterionValue	Criterion		Value of criterion
RuleType	CriterionValue		Type of rule
Event	Events		Events defined on record
EventName	Event		Name of event
Operator	Event		Operator on event
CriterionJoin	Event		Join condition for multiple criteria
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Criterion value
DataDefinitions	CriterionValue		Datadefinitions applied on record
DataDefIndex	DataDefinitions		Index of datadefinition

Parameter	Parent Tag	Parameter Type	Description
FOR CRITERIONNAME =DataDefCriteria	Criterion		This tag encloses the actual Data C search.
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
DataDefCriterion	CriterionValue		This tag encloses the actual Data C search.
DataDefIndex	DataDefCriterion		It is just a flag if value is specified th will be made on the criteria given.
IndexId	DataDefCriterion		Index of Data Class Field on which t to be applied.
Operator	DataDefCriterion		Comparison operator for search cri
IndexValue	DataDefCriterion		Value for comparison in search crite
JoinCondition	DataDefCriterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
GlobalIndexCriterion	CriterionValue		Global index criterion associated wi
GlobalIndexCriteria	GlobalIndexCriterion		Individual criteria associated with r
IndexType	GlobalIndexCriteria		Type of the Global Index
IndexId	DataDefCriterion		Index of Data Class Field on which t to be applied.
Operator	DataDefCriterion		Comparison operator for search cri
IndexValue	DataDefCriterion		Value for comparison in search crite
JoinCondition	DataDefCriterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.

Parameter	Parent Tag	Parameter Type	Description
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
Keyword	Keywords		Keyword on which to search
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =MediaType	Criterion		media type of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =OriginatingOrganisation	Criterion		Originating organization of the reco
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo

Parameter	Parent Tag	Parameter Type	Description
			criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =RecordIndex	Criterion		Index of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =DateFiled	Criterion		Date associated with record
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =Author	Criterion		Author of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.

Parameter	Parent Tag	Parameter Type	Description
FOR CRITERIONNAME =Suspended	Criterion		Suspended filed associated with re
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =SuspensionReason	Criterion		Reason of suspension
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =CurrentBorrower	Criterion		Current borrower of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =Addressee	Criterion		Addressee of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.

Parameter	Parent Tag	Parameter Type	Description
FOR CRITERIONNAME =OtherAddressee	Criterion		Addressee of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =TransferNumber	Criterion		Addressee of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =PublicationDate	Criterion		Addressee of the record
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =Caption	Criterion		Caption of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.

Parameter	Parent Tag	Parameter Type	Description
FOR CRITERIONNAME =Photographer	Criterion		Photographer of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =Copyright	Criterion		Copyright of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =BitDepth	Criterion		BitDepth of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =ImageSize	Criterion		ImageSize of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =ImageSource	Criterion		ImageSource of the record

Parameter	Parent Tag	Parameter Type	Description
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
FOR CRITERIONNAME =Compression	Criterion		Compression of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =ICCICMPRofile	Criterion		ICCICMPRofile of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.
FOR CRITERIONNAME =EXIFInfo	Criterion		EXIFInfo of the record
CriterionOperator	Criterion		Operator on datadefinition
CriterionValue	Criterion		Value of criterion
JoinCondition	Criterion		This tag is used when multiple crite Class field values are to be given. Fo criterion the tag should be empty e have a value 'AND'.

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_SearchRecordExt* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
SearchResult	SearchResults	Result searched
DocumentIndex	Document	Index of the document
DocumentVersionNo	Document	Version of the document added
DocumentName	Document	Name of the document.
OwnerName	Document	Name of the owner of the record
OwnerIndex	Document	Index of the Owner of the document.
CreationDateTime	Document	Creation Date and Time of the document.
RevisedDateTime	Document	Revision Date and Time of the document.
AccessDateTime	Document	Date and Time when the document was last accessed.
VersionFlag	Document	Specifies whether Versioning of document is allowed.
DocumentType	Document	Specifies the Type of the document.
ISIndex	Document	Specifies a unique Combination of Image Index and Volume Index for a document stored on Image Server separated by #.
NoOfPages	Document	Specifies the number of pages in the document.
DocumentSize	Document	size of the document

Parameter	Parent Tag	Description
FTSDocumentIndex	Document	
Comment	Document	Comments associated with this document
Author	Document	Name of the author of the document.
TextISIndex	Document	
FTSFlag	Document	Reserved for internal use.
ExpiryDateTime	Document	Date and Time when the document will ex
FinalizedFlag	Document	Flag that specifies whether the document is finalized.
FinalizedDateTime	Document	Date and Time when the document was finalized.
CheckoutStatus	Document	Indicates whether the document has been checked out or not
ParentFolderIndex	Document	Parent folder index of the record
DocOrderNo	Document	Document order in fetch result
ReferenceFlag	Document	Reference flag of the data class
FiledByUser	Document	Name of the user who filed the record
LockByUser	Document	Id of the user who locked the record
FinalizedBy	Document	Flag that specifies whether the document is finalized
CreatedByAppName	Document	Extension of the Document. For example, JPG, GIF etc.
DataDefinition	Document	It contains the data regarding the Data Class to be associated with the document and its fields and their values.
DataDefIndex	DataDefinition	IndexName of the Data Class associated with the document.
Fields	DataDefinition	It contains the information about the fields in the dataclass
Field	Fields	Description containing information regarding particular field

Parameter	Parent Tag	Description
IndexId	Field	Index of the Field associated with the Data Class
IndexName	Field	Name of the index
IndexType	Field	The type of data that the field would store in the Field
IndexAttribute	Field	Attribute of the index
IndexValue	Field	Value of this index
VitalRecord	Record	Vital status of the record
VitalStatusReviewDate	Record	Vital status review date of the record
VitalReviewCycle	Record	Vital review cycle of record
CyclicOrTimeBased	Record	Whether review is cyclic or time based
PermanentRecordIndicator	Record	Whether record is permanent or not
CurrentRequestee	Record	Current user who have requested for this record
PhysicalCopyExists	Record	Whether physical copy of record exists or not
ExtractedRecord	Record	Record should be extracted or not
ParentFolderIndex	Record	Index of parent folder of the document
Addressees	Record	Addressee of the record
OriginatingOrganisation	Record	Originating organization of record
RecordType	Record	Type of record
DispStatus	Record	Disposition status of the record
BarCode	Record	Barcode of the record
CurrentBorrower	Record	Current borrower of the record
TransferNoteID	Record	Transfer note id of the record
FileNumber	Record	File number of the record
FileCategory	Record	Category of the file indicating full path of t

Parameter	Parent Tag	Description
SuspendedBy	Record	Index of the user responsible for the suspension of the record
SearchOptions	Record	
PublicationDate	Record	Date of publication of the document
LinkIndicator	Record	A flag indicating whether record is linked to other record or not
MediaType	Record	
ReceivedDateTime	Record	Received date and time of the document
MediaType	Record	
FileIdentifier	Record	File identifier associated with record
ReviewerName	Record	Name of the reviewer of the record
LastReviewedDate	Record	Last review date of the record
ParentObjectType	Record	Parent object type of the record
GlobalIndexes	Record	Globalindex associated with this documen
Fields	GlobalIndexes	Global index fields
Field	Fields	Contains the information about a particular field.
IndexId	Field	Index of the Field associated with the Data Class
IndexValue	Field	Value of the globalindex
IndexType	Field	The type of data that the field would store in the Field
IndexLength	Field	Length of the global index filed
IndexFlag	Field	Specifies whether the given Index is Global or specific to the Data Class.
ImageValue	Field	
Pickable	Field	Whether field is pickable or not
AdditionalRecordProperties	Record	Additional properties of the record

Parameter	Parent Tag	Description
For HTML		
FileName	AdditionalRecord Properties	Name of the file.
WebPlatform	AdditionalRecord Properties	Web platform of the htm file
WebSiteName	AdditionalRecord Properties	Name of the website
URL	AdditionalRecord Properties	Url of the file
CaptureMethod	AdditionalRecord Properties	Capture method of the file
CaptureDate	AdditionalRecord Properties	Capture date
Contact	AdditionalRecord Properties	Contact detail
ContentMgmtSystem	AdditionalRecord Properties	Content management system of file
For JPEG		
Caption	AdditionalRecord Properties	Caption of the image file
Photographer	AdditionalRecord Properties	Name of Photographer
Copyright	AdditionalRecord Properties	Copyright of the image
BitDepth	AdditionalRecord Properties	How many unique colors are available in an image's color palette in terms of the number of 0's and 1's
ImageSize	AdditionalRecord Properties	Size of the image
ImageSource	AdditionalRecord Properties	Source of the image

Parameter	Parent Tag	Description
Compression	AdditionalRecord Properties	Compression used for this record
ICCICMPRofile	AdditionalRecord Properties	
EXIFInfo	AdditionalRecord Properties	
For PDF		
ProducingApp	AdditionalRecord Properties	Producing app of the pdf file
ProducingAppVersion	AdditionalRecord Properties	Version of producing app
PDFVersion	AdditionalRecord Properties	Version of the pdf
CreatingApp	AdditionalRecord Properties	Creating app of the file
DocSecuritySettings	AdditionalRecord Properties	Security setting of the document
NoOfRecordsFetched	Root	Number of records to fetch at a time
TotalNoOfRecords	Root	Number of records fetched in this call
MaximumHitCount	Root	Indicates number of records that fulfill the search criteria irrespective of rights on individual documents.
For Scanned Image		
FormatAndVersion	AdditionalRecord Properties	Format and version of the image
Resolution	AdditionalRecord Properties	Resolution of the image
BitDepth	AdditionalRecord Properties	How many unique colors are available in an image's color palette in terms of the number of 0's and 1's
For EML		

Parameter	Parent Tag	Description
Sender	AdditionalRecord Properties	Sender of the mail
Subject	AdditionalRecord Properties	Subject line of the mail
Addressee	AdditionalRecord Properties	Addressee of the mail
Name	Addressee	Name of the addressee
Type	Addressee	Type of the addressee
SentTimeStamp	AdditionalRecord Properties	Sent time of the mail
ReceivedTimeStamp	AdditionalRecord Properties	Received time stamp of the mail
ReceivedFromServer	AdditionalRecord Properties	Server from which mail is received
Priority	AdditionalRecord Properties	Priority of the mail
MessageId	AdditionalRecord Properties	Message id of the mail
MessageType	AdditionalRecord Properties	Type of the message
AttachmentIndexList	AdditionalRecord Properties	Index of the attached file
ContentType	AdditionalRecord Properties	Type of the content
Mailer	AdditionalRecord Properties	Mailer associated with mail
AttachmentReference	AdditionalRecord Properties	Reference of the attachment
AddEmlProp	AdditionalRecord Properties	Additional eml properties

Errors and warnings

NGRM_DeleteRecordImage

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteRecordImage* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
RecordIndex	Root		Index of the record • Valid values — Not applicable • Default values — Not applicable	

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteRecordImage* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		Status returned for the call

Errors and warnings

NGRM_CreateRecordVersion

This call is used to create a version of the record.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_CreateRecordVersion* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values —Y for yes and N for No • Default values — Not applicable	
CurrentDateTime	Root		Current date and time of the record • Valid values — Not applicable • Default values — Not applicable	
RecordIndex	Root		Index of the record • Valid values — Not applicable • Default values — Not applicable	
MajorVersion	Root		Flag indicating whether version is major or not • Valid values — Y for yes and N for No • Default values — Not applicable	

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_CreateRecordVersion* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
DocumentIndex	Document	Index of the document
OwnerIndex	Document	Owner index of this document
DocumentSize	Document	Size of the document
FinalizedFlag	Document	Flag that specifies whether the document is finalized.
ParentFolderIndex	Document	Index of parent folder of the document
FinalizedBy	Document	Flag that specifies whether the document is finalized
DataDefinition	Document	It contains the data regarding the Data Class to be associated with the document and its fields and their values.
DataDefIndex	DataDefinition	IndexName of the Data Class associated with the document.
Fields	DataDefinition	It contains the information about the fields in the dataclass
Field	Fields	Description containing information regarding particular field
IndexId	Field	Index of the Field associated with the Data Class
IndexName	Field	Name of the index
IndexType	Field	The type of data that the field would store in the Field
IndexAttribute	Field	Attribute of the index
IndexValue	Field	Value of this index
Keywords	Document	Keywords associated with record
GlobalIndexes	Document	Globalindex associated with this document
Fields	GlobalIndexes	Global index fields
Field	Fields	Contains the information about a particular field.
IndexId	Field	Index of the Field associated with the Data Class
IndexValue	Field	Value of the globalindex
RecordID	Record	Record index of this record
CurrentRequestee	Record	Current user who have requested for this record

Parameter	Parent Tag	Description
Addressees	Record	Addressee of the record
DispStatus	Record	Disposition status of the record

Errors and warnings

NGRM_DeleteRendition

This call is used to delete a rendition.

Sample request

```
<?xml version="1.0"?>

  <NGRM_DeleteRendition_Input>
    <Option>NGRM_DeleteRendition</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-536387751</UserDBId>
    <LogGeneration>y</LogGeneration>
    <RecordIndex>1572</RecordIndex>
    <Renditions>
      <RecordIndex>1392</RecordIndex>
    </Renditions>
    <DeleteAllFlag>N</DeleteAllFlag>
  </NGRM_DeleteRendition_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteRendition* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes, N for No • Default values — Not applicable	
RecordIndex	Root		Record Index for which rendition is to be created • Valid values — Not applicable • Default values — Not applicable	
Renditions	Root		Parent tag for rendition • Valid values — Not applicable • Default values — Not applicable	
RecordIndex	Renditions		Record Index of rendition • Valid values — Not applicable • Default values — Not applicable	
DeleteAllFlag	Root		Y' to delete all renditions of a record, 'N' to delete only those renditions which are provided in Renditions sub tag • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_DeleteRendition_Output>
    <Option>NGRM_DeleteRendition</Option>
    <Status>0</Status>
  </NGRM_DeleteRendition_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteRendition* API:

Parameter	Parent Tag	Parameter Type	Description
Options	Root		Unique option for the call.
Status	Root		Status of the call. If the Status is 0, then the call is successful.

Errors and warnings

The following table describes the error codes and description of the *NGRM_DeleteRendition* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create a class.
-13096	No rendition exists	No rendition exists.

NGRM_CreateRendition

This call is used to create a rendition.

Sample request

```
<?xml version="1.0"?>

  <NGRM_CreateRendition_Input>
    <Option>NGRM_CreateRendition</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-536387751</UserDBId>
    <LogGeneration>y</LogGeneration>
    <RecordIndex>1572</RecordIndex>
    <Renditions>
      <RecordIndex>1392</RecordIndex>
    </Renditions>
  </NGRM_CreateRendition_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateRendition* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root		Allows log generation • Valid values — Y for yes, N for No • Default values — Not applicable	
RecordIndex	Root		Record Index for which rendition is to be created • Valid values — Not applicable • Default values — Not applicable	
Renditions	Root		Parent tag for rendition • Valid values — Not applicable • Default values — Not applicable	
MappingIndex	Renditions		Record Index of rendition • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_CreateRendition_Output>
    <Option>NGRM_CreateRendition</Option>
    <Status>0</Status>
  </NGRM_CreateRendition_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateRendition* API:

Parameter	Parent Tag	Parameter Type	Description
Options	Root		Unique option for the call.
Status	Root		Status of the call. If the Status is 0, then the call is successful.

Errors and warnings

The following table describes the error codes and description of the *NGRM_CreateRendition* API:

Error code	Error message	Description
-505	No rights for the current operation	Insufficient rights to create a class.
-13095	Rendition cannot be created	Rendition cannot be created.

NGRM_GetListOfRenditions

This call is used to get a list of renditions for a record.

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetListOfRenditions_Input>
    <Option>NGRM_GetListOfRenditions</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-536387751</UserDBId>
    <LogGeneration>y</LogGeneration>
    <RecordIndex>1572</RecordIndex>
  </NGRM_GetListOfRenditions_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfRenditions* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes, N for No • Default values — Not applicable	
RecordIndex	Root		Record Index for which rendition list id to be fetched • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_GetListOfRenditions_Output>
    <Option>NGRM_GetListOfRenditions</Option>
    <Status>0</Status>
```

```
    <Renditions>
      <Rendition>
        <RecordIndex>1392</RecordIndex>
        <RecordName>2000001200.txt</RecordName>
        <RevisedDateTime>2012-04-12 15:18:00.0</RevisedDateTime>
        <Owner>Supervisor</Owner>
      </Rendition>
    </Renditions>
  </NGRM_GetListOfRenditions_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfRenditions* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call
Status	Root		0 if call is successful
Renditions	Root		Parent tag for all renditions
Rendition	Renditions		Sub Tag for rendition
RecordIndex	Renditions		Record Index of rendition
RecordName	Renditions		Record Name
RevisedDateTime	Renditions		Revised Date time of rendition
Owner	Renditions		Owner of rendition

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetListOfRenditions* API:

Error Code	Error message	Description
-13096	No rendition exists	No rendition exists.

NGRM_DeleteSupplementalMarking

This call is used to delete supplemental marking.

Sample request

```
 <NGRM_DeleteSupplementalMarking_Input>
    <Option>NGRM_DeleteSupplementalMarking</Option>
    <CabinetName>rms4orc</CabinetName>
    <UserDBId>1798454236</UserDBId>
    <ObjectIndex>340</ObjectIndex>
    <ObjectType>f</ObjectType>
    <FieldValue>BLUE</FieldValue>
    <FieldIndex>63</FieldIndex>
</NGRM_DeleteSupplementalMarking_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteSupplementalMarking* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root	String	Refers to the case sensitive call name • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable	Yes
ObjectIndex	Root	Integer	It is unique ID of object. • Valid values — Not applicable • Default values — Not applicable	Yes
ObjectType	Root	String	F - folders, D - documents • Valid values — Not applicable • Default values — Not applicable	Yes
FieldValue	Root	String	Value of index field. • Valid values — Not applicable • Default values — Not applicable	Yes
FieldIndex	Root	Int	Index of the data class • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_DeleteSupplementalMarking_Output>
    <Option>NGRM_DeleteSupplementalMarking</Option>
    <Status>0</Status>
</NGRM_DeleteSupplementalMarking_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteSupplementalMarking* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	Status value of the security classification.

Errors and warnings

The following table describes the error codes and description of the Delete Supplemental Marking API:

Error Code	Suggestions	Error Code Description
-14000	Add Marking Failed	Add Marking Failed
-6004	Invalid Record	Invalid Record
-13098	Check Document Failed	Check Document Failed.

NGRM_CreateSupplementalMarking

This call is used to create a supplemental marking.

Sample request

```
<?xml version="1.0"?>
```

```
<NGRM_CreateSupplementalMarking_Input>
  <Option>NGRM_CreateSupplementalMarking</Option>
  <CabinetName>MyCab</CabinetName>
  <UserDBId>-940440473</UserDBId>
  <ObjectIndex>166</ObjectIndex>
  <ObjectType>D</ObjectType>
  <Fields>
    <Field>
      <IndexId>17</IndexId>
      <IndexType>S</IndexType>
      <IndexValue>v1</IndexValue>
    </Field>
  </Fields>
</NGRM_CreateSupplementalMarking_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateSupplementalMarking* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case-sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ObjectIndex	Root		Unique Id of object. • Valid values — Not applicable • Default values — Not applicable	
ObjectType	Root		F' – folders, 'D'-documents. • Valid values — Not applicable • Default values — Not applicable	
Fields	Root		Outer Tag containing information about the fields of the associated Data Class. • Valid values — Not applicable • Default values — Not applicable	
Field	Fields		Outer Tag containing information about a single field of this data class. • Valid values — Not applicable • Default values — Not applicable	
IndexId	Field		Index of the Data Class field. • Valid values — Not applicable • Default values — Not applicable	
IndexType	Field		Type of the Data Class field. • Valid values — Not applicable • Default values — Not applicable	
IndexValue	Field		Value of index field. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_CreateSupplementalMarking_Output>
    <Option>NGRM_CreateSupplementalMarking</Option>
    <Status>0</Status>
  </NGRM_CreateSupplementalMarking_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateSupplementalMarking* API:

Parameter	Parent Tag	Parameter Type	Description
Options	Root		Unique option for the call.
Status	Root		Status of the call. If the Status is 0, then the call is successful.

Errors and warnings

The following table describes the error codes and description of the *NGRM_CreateSupplementalMarking* API:

Error Code	Error Code Description	Suggestions
-14000	Add Marking Failed.	Add Marking Failed.
-6004	Invalid Record.	Invalid Record.
-13098	Check Document Failed.	Check Document Failed.

FilePlan

The FilePlan consists of the following APIs:

NGRM_SearchFilePlan

NGRM_GetFilePlanList

NGRM_GetRMObjectType

NGRM_SearchFilePlan

This call is used to search fileplans on various criteria.

Sample request

```
<?xml version="1.0"?>
<NGRM_SearchFilePlan_Input>
    <Option>NGRM_SearchFilePlan</Option>
    <SearchUID>123</SearchUID>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1908562804</UserDBId>
    <LogGeneration>y</LogGeneration>
    <LookInFolder>23</LookInFolder>
    <IncludeSubFolder>Y</IncludeSubFolder>
    <Name>asd</Name>
    <Owner></Owner>
    <CreationDateRange></CreationDateRange>
    <AccessedDateRange></AccessedDateRange>
    <RevisedDateRange>BETWEEN,2000-01-01 00:00:01,2000-01-01 23:59:59</
RevisedDateRange>
    <DataDefinitions>
        <DataDefIndex>2</DataDefIndex>
    </DataDefinitions>
    <DataDefCriterion>
        <DataDefCriteria>
            <DataDefIndex>2</DataDefIndex>
            <IndexId>7</IndexId>
            <Operator>=</Operator>
            <IndexValue>*ert*</IndexValue>
            <JoinCondition>AND</JoinCondition>
        </DataDefCriteria>
```

```
        <DataDefCriteria>
            <DataDefIndex>2</DataDefIndex>
            <IndexId>8</IndexId>
            <Operator>=</Operator>
            <IndexValue></IndexValue>
            <JoinCondition>AND</JoinCondition>
        </DataDefCriteria>
        <DataDefCriteria>
            <DataDefIndex>2</DataDefIndex>
            <IndexId>9</IndexId>
            <Operator>=</Operator>
            <IndexValue></IndexValue>
            <JoinCondition>AND</JoinCondition>
        </DataDefCriteria>
        <DataDefCriteria>
            <DataDefIndex>2</DataDefIndex>
            <IndexId>10</IndexId>
            <Operator>=</Operator>
            <IndexValue></IndexValue>
            <JoinCondition>AND</JoinCondition>
        </DataDefCriteria>
        <DataDefCriteria>
            <DataDefIndex>2</DataDefIndex>
            <IndexId>11</IndexId>
            <Operator>=</Operator>
            <IndexValue></IndexValue>
            <JoinCondition></JoinCondition>
        </DataDefCriteria>
    </DataDefCriterion>
    <GlobalIndexCriterion>
        <GlobalIndexCriteria>
            <IndexType>S</IndexType>
            <IndexId>16</IndexId>
            <Operator>=</Operator>
            <IndexValue>*121*</IndexValue>
            <JoinCondition></JoinCondition>
        </GlobalIndexCriteria>
    </GlobalIndexCriterion>
    <StartFrom>1</StartFrom>
    <OrderBy>2</OrderBy>
    <SortOrder>A</SortOrder>
    <MaximumHitCountFlag>Y</MaximumHitCountFlag>
    <DataAlsoFlag>Y</DataAlsoFlag>
    <GlobalAlsoFlag>Y</GlobalAlsoFlag>
    <NoOfRecordsToFetch>50</NoOfRecordsToFetch>
    <BarCode>sg</BarCode>
    <VitalRecord>Y</VitalRecord>
    <CyclicOrTimeBased>C</CyclicOrTimeBased>
    <VitalReviewCycle></VitalReviewCycle>
    <CutOffRollOverID>86</CutOffRollOverID>
    <RetentionRuleID>136</RetentionRuleID>
```

```
    <StorageRuleID>15</StorageRuleID>
    <BorrowPeriod>10</BorrowPeriod>
    <BorrowPeriodUnit>D</BorrowPeriodUnit>
    <RuleType>C</RuleType>
    <Events>
        <Event>
            <EventName>BarCode</EventName>
            <Operator>OR</Operator>
        </Event>
        <Event>
            <EventName>Event12</EventName>
            <Operator>AND</Operator>
        </Event>
        <Event>
            <EventName>Event12</EventName>
            <Operator>AND</Operator>
        </Event>
    </Events>
    <FileNumber>12</FileNumber>
    <FilePartNumber>gfh</FilePartNumber>
    <Status>O</Status>
    <PhysicalLocation>14</PhysicalLocation>
    <TransferNumber>gg</TransferNumber>
    <SuspendedBy></SuspendedBy>
    <TransferToNARA>N</TransferToNARA>
    <FPObjectType>F</FPObjectType>
    <ObjectIdentifier>56</ObjectIdentifier>
    <Description></Description>
    <DispAuthority>fgf</DispAuthority>
</NGRM_SearchFilePlan_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SearchFilePlan* API:

Parameter	Parent Tag	Data Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect	Yes

Parameter	Parent Tag	Data Type	Description	Mandatory
			• Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
LookInFolder	Root	integer	Look in folder for searching a particular folder • Valid values — Not applicable • Default values — Not applicable	Yes
IncludeSubFolder	Root	String	Include all subfolders • Valid values — Y for yes and N for No • Default values — Not applicable	No
StartFrom	Root	Integer	List start from value • Valid values — Not applicable • Default values — 0	Yes
NoOfRecordsToFetch	Root	Integer	Number of folders to fetch • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Data Type	Description	Mandatory
OrderBy	Root	Integer	Order by field 1. FolderIndex 2. Name 3. Owner 4. CreatedDateTime 5. RevisedDateTime 6. AccessedDateTime 7. DataDefinitionIndex 8. FolderType 9. FolderLock 10. ExpiryDateTime 11. FinalisedFlag • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Ascending or Descending • Valid values — Not applicable • Default values — Not applicable	Yes
ReferenceFlag	Root	String	This flag can be used to find out why the folder is not deleted. Folder is not deleted because some of the documents are referenced in the folder or any of its subfolders. If ReferenceFlag is sent as 'N' in input xml and if it returns the value 'Y', it shows that folder is not deleted because some of the documents in the folder or its subfolder are referenced • Valid values — Not applicable • Default values — Not applicable	Yes
DataAlsoFlag	Root	String	Flag for getting data definition field values in output	No

Parameter	Parent Tag	Data Type	Description	Mandatory
			• Valid values — Y for yes and N for no • Default values — Not applicable	
GlobalAlsoFlag	Root	String	Flag for getting global index values in output • Valid values — Y for yes and N for no • Default values — Not applicable	No
MaximumHitCountFlag	Root	String	Flag for getting the total number of folders for the provided search criteria • Valid values — Y for yes and N for no • Default values — Not applicable	No
StarSearchOnName				
CountOnlyFlag	Root	String	Flag for getting the total number of folders in the search result • Valid values — Y for yes and N for no • Default values — Not applicable	No
Criteria	Root	Parent tag	Criteria • Valid values — Not applicable • Default values — Not applicable	Yes
Criterion	Root	Criteria	Criterion • Valid values — Not applicable • Default values — Not applicable	Yes
CriterionName	Criteria	String	Name of the criteria	Yes

Parameter	Parent Tag	Data Type	Description	Mandatory
			• Valid values — Not applicable • Default values — Not applicable	
CriterionOperator	Criteria	String	Operator of criteria • Valid values — =,<,>,<=,>= • Default values — Not applicable	Yes
CriterionValue	Criteria	String	Value of criteria • Valid values — Not applicable • Default values — Not applicable	Yes
CriterionJoin	Criteria	String	And/OR • Valid values — And/Or • Default values — Not applicable	Yes
Locale	Parent tag	String	Locale • Valid values — ◦ en—english ◦ ar—arabic ◦ fr—french ◦ es—spanish • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_SearchFilePlan_Output>
    <Status>0</Status>
    <SearchResults>
        <FolderClasses>
            <FolderClass>
                <Folder>
```

```
            <FolderIndex>334</FolderIndex>
            <ParentFolderIndex>332</ParentFolderIndex>
            <FolderName>0_BOTH_RF</FolderName>
            <OwnerIndex>1</OwnerIndex>
            <CreationDateTime>2012-01-27 19:17:00.0</CreationDateTime>
            <RevisedDateTime>2012-02-08 16:15:00.0</RevisedDateTime>
            <AccessDateTime>2012-02-08 16:15:08.497</AccessDateTime>
            <AccessType>S</AccessType>
            <ImageVolumeIndex>1</ImageVolumeIndex>
            <FolderType>G</FolderType>
            <FolderLock>N</FolderLock>
            <Location>G</Location>
            <DeletedDateTime>2112-01-26 19:17:49.873</DeletedDateTime>
            <VersionFlag>N</VersionFlag>
            <ExpiryDateTime>2112-01-26 19:17:49.873</ExpiryDateTime>
            <Comment>sdf</Comment>
            <FinalizedFlag>N</FinalizedFlag>
            <FinalizedDateTime>2112-01-26 19:17:49.873</FinalizedDateTime>
            <ACLMoreFlag>N</ACLMoreFlag>
            <Owner>Supervisor</Owner>
            <DataDefinition>
                <DataDefinitionIndex>0</DataDefinitionIndex>
            </DataDefinition>
            <GlobalIndexes>
                <Fields></Fields>
            </GlobalIndexes>
            <ReferenceFlag>O</ReferenceFlag>
        </Folder>
        <Class>
            <ObjectType>F</ObjectType>
            <VitalRecord>N</VitalRecord>
            <SearchOptions>A</SearchOptions>
            <NextClassType>N</NextClassType>
            <FileNumberingID>3</FileNumberingID>
            <CutOffRollOverRuleID>49</CutOffRollOverRuleID>
            <RetentionRuleID>1</RetentionRuleID>
            <StorageRuleID>1</StorageRuleID>
            <DispAuthority>17</DispAuthority>
            <BorrowPeriod>10</BorrowPeriod>
            <BorrowPeriodUnit>D</BorrowPeriodUnit>
            <PhysicalLocation>21</PhysicalLocation>
            <BoxID>22</BoxID>
            <BarCode>123</BarCode>
            <OpenedDateTime>2012-01-27 19:17:00.0</OpenedDateTime>
            <FileNumber>123</FileNumber>
            <FilePartNumber>3</FilePartNumber>
            <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
            <TransferNoteID>0</TransferNoteID>
            <CurrentRequestee>0</CurrentRequestee>
            <FileCategory>/MyCab/Fileplan/0cutOff_Both_test</FileCategory>
            <FileNumberingRule>test_23_11_11</FileNumberingRule>
```

```
                <CutOffRule>0rule_RF_both</CutOffRule>
                <RetentionRule>ret_rule</RetentionRule>
                <StorageRule>st_rule</StorageRule>
                <DispAuthorityName>swdfsdfs</DispAuthorityName>
                <PhysicalLocationName>D-162</PhysicalLocationName>
                <BoxName>box1</BoxName>
                <DispAuthorityName>swdfsdfs</DispAuthorityName>
            </Class>
            <VERS>
                <AGENTS></AGENTS>
                <RightsManagement>
                    <SecurityClassification>0</SecurityClassification>
                </RightsManagement>
                <Title>
                    <SchemeType>Free Text</SchemeType>
                    <SchemeName>None</SchemeName>
                    <TitleWords>0_BOTH_RF</TitleWords>
                </Title>
                <RELATIONS></RELATIONS>
            </VERS>
        </FolderClass>
        <FolderClass>
            <Folder>
                <FolderIndex>320</FolderIndex>
                <ParentFolderIndex>43</ParentFolderIndex>
                <FolderName>00 test_ phase date _FP</FolderName>
                <OwnerIndex>1</OwnerIndex>
                <CreationDateTime>2012-01-25 12:18:00.0</CreationDateTime>
                <RevisedDateTime>2012-04-16 18:02:00.0</RevisedDateTime>
                <AccessDateTime>2012-04-18 16:29:05.203</AccessDateTime>
                <AccessType>S</AccessType>
                <ImageVolumeIndex>1</ImageVolumeIndex>
                <FolderType>G</FolderType>
                <FolderLock>N</FolderLock>
                <Location>G</Location>
                <DeletedDateTime>2112-01-24 12:18:19.28</DeletedDateTime>
                <VersionFlag>N</VersionFlag>
                <ExpiryDateTime>2112-01-24 12:18:19.28</ExpiryDateTime>
                <Comment>asdfas</Comment>
                <FinalizedFlag>N</FinalizedFlag>
                <FinalizedDateTime>2112-01-24 12:18:19.28</FinalizedDateTime>
                <ACLMoreFlag>N</ACLMoreFlag>
                <Owner>Supervisor</Owner>
                <DataDefinition>
                    <DataDefinitionIndex>1</DataDefinitionIndex>
                    <DataDefName>Dispatch</DataDefName>
                </DataDefinition>
                <GlobalIndexes>
                    <Fields></Fields>
                </GlobalIndexes>
                <ReferenceFlag>O</ReferenceFlag>
```

```
            </Folder>
            <Class>
                <ObjectType>C</ObjectType>
                <ClassType>S</ClassType>
                <Code>G#</Code>
                <VitalRecord>N</VitalRecord>
                <SearchOptions>A</SearchOptions>
                <BackupMedia>bcvkj</BackupMedia>
                <NextClassType>d</NextClassType>
                <FileNumberingID>2</FileNumberingID>
                <CutOffRollOverRuleID>43</CutOffRollOverRuleID>
                <RetentionRuleID>37</RetentionRuleID>
                <StorageRuleID>7</StorageRuleID>
                <DispAuthority>16</DispAuthority>
                <BorrowPeriod>10</BorrowPeriod>
                <BorrowPeriodUnit>D</BorrowPeriodUnit>
                <PhysicalLocation>1</PhysicalLocation>
                <BoxID>11</BoxID>
                <TransferNoteID>0</TransferNoteID>
                <CurrentRequestee>0</CurrentRequestee>
                <FileCategory>/MyCab/Fileplan</FileCategory>
                <FileNumberingRule>filno_rule</FileNumberingRule>
                <CutOffRule>myCutOffRule</CutOffRule>
                <RetentionRule>my_retention</RetentionRule>
                <StorageRule>00test1_F</StorageRule>
                <DispAuthorityName>asdf</DispAuthorityName>
                <PhysicalLocationName>D-152</PhysicalLocationName>
                <BoxName>allbox2</BoxName>
                <DispAuthorityName>asdf</DispAuthorityName>
            </Class>
            <VERS>
                <AGENTS></AGENTS>
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                    <SecurityClassification>0</SecurityClassification>
                </RightsManagement>
                <Title>
                    <SchemeType>Free Text</SchemeType>
                    <SchemeName>None</SchemeName>
                    <TitleWords>00 test_ phase date _FP</TitleWords>
                </Title>
                <RELATIONS></RELATIONS>
            </VERS>
        </FolderClass>
        <FolderClass>
            <Folder>
                <FolderIndex>312</FolderIndex>
                <ParentFolderIndex>43</ParentFolderIndex>
                <FolderName>00_test1_R</FolderName>
                <OwnerIndex>1</OwnerIndex>
                <CreationDateTime>2012-01-19 19:18:00.0</CreationDateTime>
                <RevisedDateTime>2012-01-19 19:18:00.0</RevisedDateTime>
```

```
            <AccessDateTime>2012-04-18 14:33:03.623</AccessDateTime>
            <AccessType>S</AccessType>
            <ImageVolumeIndex>1</ImageVolumeIndex>
            <FolderType>G</FolderType>
            <FolderLock>N</FolderLock>
            <Location>G</Location>
            <DeletedDateTime>2112-01-18 19:18:32.0</DeletedDateTime>
            <VersionFlag>N</VersionFlag>
            <ExpiryDateTime>2112-01-18 19:18:32.0</ExpiryDateTime>
            <Comment>rescheduling Rules for record</Comment>
            <FinalizedFlag>N</FinalizedFlag>
            <FinalizedDateTime>2112-01-18 19:18:32.0</FinalizedDateTime>
            <ACLMoreFlag>N</ACLMoreFlag>
            <Owner>Supervisor</Owner>
            <DataDefinition>
                <DataDefinitionIndex>0</DataDefinitionIndex>
            </DataDefinition>
            <GlobalIndexes>
                <Fields></Fields>
            </GlobalIndexes>
            <ReferenceFlag>O</ReferenceFlag>
        </Folder>
        <Class>
            <ObjectType>C</ObjectType>
            <ClassType>S</ClassType>
            <Code>B#</Code>
            <VitalRecord>N</VitalRecord>
            <SearchOptions>A</SearchOptions>
            <FileNumberingID>2</FileNumberingID>
            <CutOffRollOverRuleID>41</CutOffRollOverRuleID>
            <RetentionRuleID>33</RetentionRuleID>
            <StorageRuleID>8</StorageRuleID>
            <DispAuthority>15</DispAuthority>
            <BorrowPeriod>10</BorrowPeriod>
            <BorrowPeriodUnit>D</BorrowPeriodUnit>
            <PhysicalLocation>1</PhysicalLocation>
            <BoxID>11</BoxID>
            <TransferNoteID>0</TransferNoteID>
            <CurrentRequestee>0</CurrentRequestee>
            <FileCategory>/MyCab/Fileplan</FileCategory>
            <FileNumberingRule>filno_rule</FileNumberingRule>
            <CutOffRule>00test1_R</CutOffRule>
            <RetentionRule>00_test1_R</RetentionRule>
            <StorageRule>00test1_R</StorageRule>
            <DispAuthorityName>adsf</DispAuthorityName>
            <PhysicalLocationName>D-152</PhysicalLocationName>
            <BoxName>allbox2</BoxName>
            <DispAuthorityName>adsf</DispAuthorityName>
        </Class>
        <VERS>
            <AGENTS></AGENTS>
```

```
                    <RightsManagement>
                        <SecurityClassification>0</SecurityClassification>
                    </RightsManagement>
                    <Title>
                        <SchemeType>Free Text</SchemeType>
                        <SchemeName>None</SchemeName>
                        <TitleWords>00_test1_R</TitleWords>
                    </Title>
                    <RELATIONS></RELATIONS>
                </VERS>
            </FolderClass>
            <FolderClass>
                <Folder>
                    <FolderIndex>309</FolderIndex>
                    <ParentFolderIndex>43</ParentFolderIndex>
                    <FolderName>000_test1_F</FolderName>
                    <OwnerIndex>1</OwnerIndex>
                    <CreationDateTime>2012-01-19 19:04:00.0</CreationDateTime>
                    <RevisedDateTime>2012-01-19 19:04:00.0</RevisedDateTime>
                    <AccessDateTime>2012-04-18 14:41:55.527</AccessDateTime>
                    <AccessType>S</AccessType>
                    <ImageVolumeIndex>1</ImageVolumeIndex>
                    <FolderType>G</FolderType>
                    <FolderLock>N</FolderLock>
                    <Location>G</Location>
                    <DeletedDateTime>2112-01-18 19:04:49.02</DeletedDateTime>
                    <VersionFlag>N</VersionFlag>
                    <ExpiryDateTime>2112-01-18 19:04:49.02</ExpiryDateTime>
                    <Comment>test rescheduling of FP</Comment>
                    <FinalizedFlag>N</FinalizedFlag>
                    <FinalizedDateTime>2112-01-18 19:04:49.02</FinalizedDateTime>
                    <ACLMoreFlag>N</ACLMoreFlag>
                    <Owner>Supervisor</Owner>
                    <DataDefinition>
                        <DataDefinitionIndex>0</DataDefinitionIndex>
                    </DataDefinition>
                    <GlobalIndexes>
                        <Fields></Fields>
                    </GlobalIndexes>
                    <ReferenceFlag>O</ReferenceFlag>
                </Folder>
                <Class>
                    <ObjectType>C</ObjectType>
                    <ClassType>S</ClassType>
                    <Code>B#</Code>
                    <VitalRecord>N</VitalRecord>
                    <SearchOptions>A</SearchOptions>
                    <FileNumberingID>2</FileNumberingID>
                    <CutOffRollOverRuleID>40</CutOffRollOverRuleID>
                    <RetentionRuleID>32</RetentionRuleID>
                    <StorageRuleID>7</StorageRuleID>
```

```
                    <DispAuthority>14</DispAuthority>
                    <BorrowPeriod>10</BorrowPeriod>
                    <BorrowPeriodUnit>D</BorrowPeriodUnit>
                    <PhysicalLocation>1</PhysicalLocation>
                    <BoxID>11</BoxID>
                    <TransferNoteID>0</TransferNoteID>
                    <CurrentRequestee>0</CurrentRequestee>
                    <FileCategory>/MyCab/Fileplan</FileCategory>
                    <FileNumberingRule>filno_rule</FileNumberingRule>
                    <CutOffRule>000test_1_F</CutOffRule>
                    <RetentionRule>00_test1_F_change</RetentionRule>
                    <StorageRule>00test1_F</StorageRule>
                    <DispAuthorityName>sa</DispAuthorityName>
                    <PhysicalLocationName>D-152</PhysicalLocationName>
                    <BoxName>allbox2</BoxName>
                    <DispAuthorityName>sa</DispAuthorityName>
                </Class>
                <VERS>
                    <AGENTS></AGENTS>
                    <RightsManagement>
                        <SecurityClassification>0</SecurityClassification>
                    </RightsManagement>
                    <Title>
                        <SchemeType>Free Text</SchemeType>
                        <SchemeName>None</SchemeName>
                        <TitleWords>000_test1_F</TitleWords>
                    </Title>
                    <RELATIONS></RELATIONS>
                </VERS>
            </FolderClass>
            <FolderClass>
                <Folder>
                    <FolderIndex>343</FolderIndex>
                    <ParentFolderIndex>43</ParentFolderIndex>
                    <FolderName>000001</FolderName>
                    <OwnerIndex>1</OwnerIndex>
                    <CreationDateTime>2012-01-27 21:54:00.0</CreationDateTime>
                    <RevisedDateTime>2012-01-27 21:54:00.0</RevisedDateTime>
                    <AccessDateTime>2012-04-18 14:33:05.137</AccessDateTime>
                    <AccessType>S</AccessType>
                    <ImageVolumeIndex>1</ImageVolumeIndex>
                    <FolderType>G</FolderType>
                    <FolderLock>N</FolderLock>
                    <Location>G</Location>
                    <DeletedDateTime>2112-01-26 21:54:46.29</DeletedDateTime>
                    <VersionFlag>N</VersionFlag>
                    <ExpiryDateTime>2112-01-26 21:54:46.29</ExpiryDateTime>
                    <Comment>1111</Comment>
                    <FinalizedFlag>N</FinalizedFlag>
                    <FinalizedDateTime>2112-01-26 21:54:46.29</FinalizedDateTime>
                    <ACLMoreFlag>N</ACLMoreFlag>
```

```
                    <Owner>Supervisor</Owner>
                    <DataDefinition>
                        <DataDefinitionIndex>0</DataDefinitionIndex>
                    </DataDefinition>
                    <GlobalIndexes>
                        <Fields></Fields>
                    </GlobalIndexes>
                    <ReferenceFlag>O</ReferenceFlag>
                </Folder>
                <Class>
                    <ObjectType>C</ObjectType>
                    <ClassType>S</ClassType>
                    <Code>B#</Code>
                    <VitalRecord>N</VitalRecord>
                    <SearchOptions>A</SearchOptions>
                    <FileNumberingID>2</FileNumberingID>
                    <CutOffRollOverRuleID>49</CutOffRollOverRuleID>
                    <RetentionRuleID>1</RetentionRuleID>
                    <StorageRuleID>1</StorageRuleID>
                    <DispAuthority>18</DispAuthority>
                    <BorrowPeriod>10</BorrowPeriod>
                    <BorrowPeriodUnit>D</BorrowPeriodUnit>
                    <PhysicalLocation>21</PhysicalLocation>
                    <BoxID>22</BoxID>
                    <TransferNoteID>0</TransferNoteID>
                    <CurrentRequestee>0</CurrentRequestee>
                    <FileCategory>/MyCab/Fileplan</FileCategory>
                    <FileNumberingRule>filno_rule</FileNumberingRule>
                    <CutOffRule>0rule_RF_both</CutOffRule>
                    <RetentionRule>ret_rule</RetentionRule>
                    <StorageRule>st_rule</StorageRule>
                    <DispAuthorityName>1111</DispAuthorityName>
                    <PhysicalLocationName>D-162</PhysicalLocationName>
                    <BoxName>box1</BoxName>
                    <DispAuthorityName>1111</DispAuthorityName>
                </Class>
                <VERS>
                    <AGENTS></AGENTS>
                    <RightsManagement>
                        <SecurityClassification>0</SecurityClassification>
                    </RightsManagement>
                    <Title>
                        <SchemeType>Free Text</SchemeType>
                        <SchemeName>None</SchemeName>
                        <TitleWords>000001</TitleWords>
                    </Title>
                    <RELATIONS></RELATIONS>
                </VERS>
            </FolderClass>
        </FolderClasses>
    </SearchResults>
```

```
    <NoOfRecordsFetched>5</NoOfRecordsFetched>
    <TotalNoOfRecords>6</TotalNoOfRecords>
    <MaximumHitCount>79</MaximumHitCount>
</NGRM_SearchFilePlan_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SearchFilePlan* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
FolderClass	Root	Parent Tag for list of folders
Folder	FolderClass	Parent tag for folder properties
FolderIndex	Folder	It is the folder id
ParentFolderIndex	Folder	It is the parent folder id
FolderName	Folder	It is the folder name
OwnerIndex	Folder	It is index of owner
Owner	Folder	Owner Name of folder
OwnerType	Folder	Type of owner(U,G,R)
OwnerFamilyName	Folder	Family name of owner
CreationDateTime	Folder	Created Date Time of folder
RevisedDateTime	Folder	Last Revised Date Time of folder
AccessDateTime	Folder	Last Accessed Date Time of folder
AccessType	Folder	Access Type of the folder.
ImageVolumeIndex	Folder	Volume Index of the Folder where the documents added in this folder will be added, if no Volume Index is supplied in the Add Document call.

Parameter	Parent Tag	Description
FolderType	Folder	Indicates the Type of the folder, namely G-General, A-Reserved.
FolderLock	Folder	Indicates if the folder is locked
Location	Folder	Folder Type of the Parent Folder of this folder namely Root, General, Inbox, SentItems, Trash etc.
DeletedDateTime	Folder	Date time when folder was deleted.
VersionFlag	Folder	It is the version flag for the document
ExpiryDateTime	Folder	Expiry Date and Time of the folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedBy	Folder	Flag that specifies whether the document is finalized
FinalizedDateTime	Folder	Date and Time when the folder was finalized.
ACLMoreFlag	Folder	Reserved for internal use.
LockByUser	Folder	Locked by user
NoOfSubFolders	Folder	No. of subfolders in folder
NoOfDocuments	Folder	No. of documents in folder
NoOfReferencedDocuments	Folder	No of referenced document
LoginUserRights	Folder	Rights of logged in user
DataDefinition	Folder	If Data Class is associated with this folder, then the whole description of the Data Class is displayed.
DataDefinitionIndex	DataDefinition	Index of the Data Class associated with the folder, if any.
GlobalIndexes	Folder	If Marking is associated with this folder, then the whole description of the Data Class is displayed.

Parameter	Parent Tag	Description
Fields	GlobalIndexes	Parent tag
Field	Fields	Parent tag
IndexId	Field	Id of field
IndexName	Field	Name of field
IndexType	Field	Type of field(String,Integer,Date,)
IndexLength	Field	Length of field(50)
IndexFlag	Field	Flag of field(M)
IndexValue	Field	Field value
ReferenceFlag	Field	Flag for checking if it is reference or not 'O' or 'R'
Class	Class	Pareng tag
ObjectType	Class	Object Type id : 'C' for Class,' F' for file, 'P' for filepart.
MakerId	Class	Id of maker
VitalRecord	Class	It specifies if it will contain vital record or not
SearchOptions	Class	It is the search option for the records
NextClassType	Class	It is the next class type
FileNumberingID	Class	File Numbering ID
CutOffRollOverRuleID	Class	Cutoff Rollover ID
RetentionRuleID	Class	Retention Rule ID
StorageRuleID	Class	Storage Rule ID
DispositionStatus	Class	Disposition Status
DispositionStatusId	Class	Id of Disposition Status
DispositionStage	Class	Stage of Disposition Status
DispAuthority	Class	Disposition Authority name
BorrowPeriod	Class	Borrow Period

Parameter	Parent Tag	Description
BorrowPeriodUnit	Class	Borrow Period Unit
PhysicalLocation	Class	Physical Location of folder
BoxID	Class	Id of box
OpenedDateTime	Class	Opened Date Time of Folder
FileStatus	Class	Status of file
FileNumber	Class	File Number
FilePartNumber	Class	File Part number
PhysicalHybridIndicator	Class	N/A
TotalNumOfRecords	Class	Total no of records
CurrentBorrower	Class	Current borrower of the Folder
Suspended	Class	Y if folder is suspended, otherwise N
DispositionAction	Class	Disposition action
TransferNoteID	Class	It is the transfer note id which has to be added.
CurrentRequestee	Class	Current user who have requested for this folder
FileCategory	Class	File Category
FileNumberingRule	Class	File numbering rule name
CutOffRule	Class	CutOff rule name
RetentionRule	Class	Retention rule name
StorageRule	Class	Storage rule name
DispAuthorityName	Class	Disposition authority name
PhysicalLocationName	Class	Location name
BoxName	Class	Box name
AggregationLevel	Class	Aggregation level folder or folder
RELATIONS	Class	Parent tag
LockStatus	Class	'L'-Hold, 'U'-unhold

Parameter	Parent Tag	Description
LockedByUser	Class	Id of the user who did the operation
MakerChecker	Class	For approve the request Y/N
LocationOwnerID	Class	Location owner id
LocationOwnerGroupID	Class	location owner group id
LocationOwnerGroupName	Class	owner group name location
LocationOwnerRoleID	Class	Owner role id of location
BoxOwnerID	Class	Box owner id
BoxOwnerGroupID	Class	It is the group owner id for the box
BoxOwnerGroupName	Class	It is the group owner name for the box
BoxOwnerRoleID	Class	It is the role owner id for the box
SecurityClassificationLevel	Class	Security classification level(top secret,secret,unclassified, classified)
SecurityClassificationName	Class	Name of the securiticlassification
HighestChildSCLevel	Class	N/A
ParentSCLevel	Class	N/A
HighestFileRecordsSCLevel	Class	N/A

Errors and warnings

The following table describes the error codes and description of the *NGRM_SearchFilePlan* API:

Error Code	Description	Suggestion
-603700	Search FilePlan failed.	Search FilePlan failed.

NGRM_GetFilePlanList

This call is used to get a list of all folders in a folder.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetFilePlanList_Input>
    <Option>NGRM_GetFilePlanList</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-265819497</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>323</FolderIndex>
    <PreviousIndex>0</PreviousIndex>
    <NoOfRecordsToFetch>20</NoOfRecordsToFetch>
    <LastSortField></LastSortField>
    <OrderBy>2</OrderBy>
    <SortOrder>A</SortOrder>
</NGRM_GetFilePlanList_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetFilePlanList* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Not applicable • Default values — Not applicable	
FolderIndex	Root		Folder index for which subfolder list is required • Valid values — Not applicable • Default values — Not applicable	
PreviousIndex	Root		Previous index of folder index • Valid values — Not applicable • Default values — Not applicable	
NoOfRecordsToFetch	Root		Total number to folders to fetch • Valid values — Not applicable • Default values — Not applicable	
LastSortField	Root		Last value of sort field • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
OrderBy	Root		Order by field • Valid values : 1-folderindex 2-name 3-username 4-revisedDateTime 5-createdDateTime 6-AccessedDatetime 7-DataDefName 8-FolderType 9-FolderLock 10-ExpiryDateTime 11-FinalizedFlag 12-Code 13-Barcode 14-vitalreviewdate 15-backupmedia 16-dispositionauthority 17-borrowperiod 18-openedDateTime 19- closedDateTime 21- returndate 22-locationName 23-boxName 24-transfernumber 25-RecievedDateTime 26-FileCategory 27-TransferRequestnumber 28-GroupName 29-VitalRecord 30-FileNumberingRuleName 31-CutOffRollOverRuleName 32- RetentionRule Name	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			33- Storage Rule Name 34-Permanent Record Indicator 35-Physical Hybrid Indicator 36- Generated Sequence Values 37-Transfer Status • Default values — Not applicable	
SortOrder	Root		Ascending or Descending • Valid values — A for Ascending and D for Descending • Default values — Not applicable	
ReferenceFlag	Root		Value of reference flag • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_GetFilePlanList_Output>
    <Status>0</Status>
    <FolderClasses>
        <FolderClass>
            <Folder>
                <FolderIndex>324</FolderIndex>
                <ParentFolderIndex>323</ParentFolderIndex>
                <FolderName>B_Rec</FolderName>
                <OwnerIndex>1</OwnerIndex>
                <CreationDateTime>2012-01-25 12:46:00.0</CreationDateTime>
                <RevisedDateTime>2012-04-18 14:22:43.187</RevisedDateTime>
                <AccessDateTime>2012-04-18 15:18:26.893</AccessDateTime>
```

```
            <AccessType>S</AccessType>
            <ImageVolumeIndex>1</ImageVolumeIndex>
            <FolderType>G</FolderType>
            <Location>G</Location>
            <DeletedDateTime>2112-01-24 12:46:24.413</DeletedDateTime>
            <VersionFlag>N</VersionFlag>
            <ExpiryDateTime>2112-01-24 12:46:24.413</ExpiryDateTime>
            <Comment>Not Defined</Comment>
            <FinalizedFlag>N</FinalizedFlag>
            <FinalizedDateTime>2112-01-24 12:46:24.413</FinalizedDateTime>
            <ACLMoreFlag>N</ACLMoreFlag>
            <EnableFTSFlag>N</EnableFTSFlag>
            <LockMessage>N</LockMessage>
            <Owner>Supervisor</Owner>
            <LockByUser>0</LockByUser>
            <NoOfSubFolders>0</NoOfSubFolders>
            <NoOfDocuments>3</NoOfDocuments>
            <DataDefinition>
                <DataDefinitionIndex>0</DataDefinitionIndex>
            </DataDefinition>
            <GlobalIndexes></GlobalIndexes>
            <ReferenceFlag>0</ReferenceFlag>
        </Folder>
        <Class>
            <ObjectType>P</ObjectType>
            <VitalRecord>N</VitalRecord>
            <VitalReviewCycle>N</VitalReviewCycle>
            <SearchOptions>A</SearchOptions>
            <FileNumberingID>2</FileNumberingID>
            <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
            <RetentionRuleID>38</RetentionRuleID>
            <StorageRuleID>8</StorageRuleID>
            <DispAuthority>16</DispAuthority>
            <BorrowPeriod>10</BorrowPeriod>
            <BorrowPeriodUnit>D</BorrowPeriodUnit>
            <PhysicalLocation>1</PhysicalLocation>
            <BoxID>11</BoxID>
            <OpenedDateTime>2012-04-17 11:52:53.403</OpenedDateTime>
            <ClosedDateTime>2012-04-17 11:52:36.393</ClosedDateTime>
            <FileStatus>R</FileStatus>
            <FileNumber>B</FileNumber>
            <FilePartNumber>A</FilePartNumber>
            <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
            <CurrentBorrower>0</CurrentBorrower>
            <PermanentRecordIndicator>N</PermanentRecordIndicator>
            <Suspended>N</Suspended>
            <TransferNoteID>0</TransferNoteID>
            <CurrentRequestee>0</CurrentRequestee>
            <FileNumberingRule>filno_rule</FileNumberingRule>
            <CutOffRule>mycutoff_R</CutOffRule>
            <RetentionRule>myretention_R</RetentionRule>
```

```
                <StorageRule>00test1_R</StorageRule>
                <PhysicalLocationName>D-152</PhysicalLocationName>
                <BoxName>allbox2</BoxName>
            </Class>
        </FolderClass>
        <FolderClass>
            <Folder>
                <FolderIndex>370</FolderIndex>
                <ParentFolderIndex>323</ParentFolderIndex>
                <FolderName>B_Rec(2012_2_17_14_56_14_10)</FolderName>
                <OwnerIndex>1</OwnerIndex>
                <CreationDateTime>2012-02-17 14:56:00.0</CreationDateTime>
                <RevisedDateTime>2012-04-17 12:13:00.0</RevisedDateTime>
                <AccessDateTime>2012-04-17 12:14:25.6</AccessDateTime>
                <AccessType>S</AccessType>
                <ImageVolumeIndex>1</ImageVolumeIndex>
                <FolderType>G</FolderType>
                <Location>G</Location>
                <DeletedDateTime>2112-02-16 14:56:13.997</DeletedDateTime>
                <VersionFlag>N</VersionFlag>
                <ExpiryDateTime>2112-02-16 14:56:13.997</ExpiryDateTime>
                <Comment>dsnfvja</Comment>
                <FinalizedFlag>N</FinalizedFlag>
                <FinalizedDateTime>2112-02-16 14:56:13.997</FinalizedDateTime>
                <ACLMoreFlag>N</ACLMoreFlag>
                <EnableFTSFlag>N</EnableFTSFlag>
                <LockMessage>N</LockMessage>
                <Owner>Supervisor</Owner>
                <LockByUser>0</LockByUser>
                <NoOfSubFolders>0</NoOfSubFolders>
                <NoOfDocuments>0</NoOfDocuments>
                <DataDefinition>
                    <DataDefinitionIndex>1</DataDefinitionIndex>
                    <DataDefName>Dispatch</DataDefName>
                </DataDefinition>
                <GlobalIndexes></GlobalIndexes>
                <ReferenceFlag>O</ReferenceFlag>
            </Folder>
            <Class>
                <ObjectType>P</ObjectType>
                <VitalRecord>Y</VitalRecord>
                <VitalReviewCycle>N</VitalReviewCycle>
                <SearchOptions>A</SearchOptions>
                <BackupMedia>sdmnbfma</BackupMedia>
                <FileNumberingID>2</FileNumberingID>
                <CutOffRollOverRuleID>44</CutOffRollOverRuleID>
                <RetentionRuleID>38</RetentionRuleID>
                <StorageRuleID>8</StorageRuleID>
                <DispAuthority>16</DispAuthority>
                <BorrowPeriod>10</BorrowPeriod>
                <BorrowPeriodUnit>D</BorrowPeriodUnit>
```

```
                <PhysicalLocation>21</PhysicalLocation>
                <BoxID>22</BoxID>
                <BarCode>BN</BarCode>
                <OpenedDateTime>2012-02-17 14:56:00.0</OpenedDateTime>
                <ClosedDateTime>2012-04-17 11:55:00.593</ClosedDateTime>
                <FileStatus>C</FileStatus>
                <FileNumber>B</FileNumber>
                <FilePartNumber>B</FilePartNumber>
                <PhysicalHybridIndicator>N</PhysicalHybridIndicator>
                <CurrentBorrower>0</CurrentBorrower>
                <PermanentRecordIndicator>N</PermanentRecordIndicator>
                <Suspended>Y</Suspended>
                <SuspendedDateTime>2012-04-18 15:18:41.93</SuspendedDateTime>
                <SuspensionReason>sdfcdss</SuspensionReason>
                <VitalReviewDate>2012-02-15 23:59:59.0</VitalReviewDate>
                <TransferNoteID>0</TransferNoteID>
                <CurrentRequestee>0</CurrentRequestee>
                <FileNumberingRule>filno_rule</FileNumberingRule>
                <CutOffRule>mycutoff_R</CutOffRule>
                <RetentionRule>myretention_R</RetentionRule>
                <StorageRule>00test1_R</StorageRule>
                <PhysicalLocationName>D-162</PhysicalLocationName>
                <BoxName>box1</BoxName>
            </Class>
        </FolderClass>
    </FolderClasses>
    <NoOfRecordsFetched>2</NoOfRecordsFetched>
    <TotalNoOfRecords>2</TotalNoOfRecords>
    <ParentFolderIndex>320</ParentFolderIndex>
</NGRM_GetFilePlanList_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetFilePlan* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	0 if call is successful
FolderClasses	Root	Parent Tag for list of folders
FolderClass	FolderClasses	Sub Tag for a folder
Folder	FolderClass	Parent tag for folder properties

Parameter	Parent Tag	Description
FolderIndex	Folder	It is the folder id
ParentFolderIndex	Folder	It is the parent folder id
FolderName	Folder	It is the folder name
OwnerIndex	Folder	It is index of owner
CreationDateTime	Folder	Created Date Time of folder
RevisedDateTime	Folder	Last Revised Date Time of folder
AccessDateTime	Folder	Last Accessed Date Time of folder
AccessType	Folder	Access Type of the folder.
ImageVolumeIndex	Folder	Volume Index of the Folder where the documents added in this folder will be added, if no Volume Index is supplied in the Add Document call.
FolderType	Folder	Indicates the Type of the folder, namely G-General, A-Reserved.
Location	Folder	Folder Type of the Parent Folder of this folder namely Root, General, Inbox, SentItems, Trash etc.
DeletedDateTime	Folder	Date time when folder was deleted.
VersionFlag	Folder	
ExpiryDateTime	Folder	Expiry Date and Time of the folder.
Comment	Folder	Comment associated with this folder.
FinalizedFlag	Folder	Indicates if this folder is finalized.
FinalizedDateTime	Folder	Date and Time when the folder was finalized.
ACLMoreFlag	Folder	Reserved for internal use.
EnableFTSFlag	Folder	Reserved for internal use.
LockMessage	Folder	
Owner	Folder	Owner Name of folder

Parameter	Parent Tag	Description
LockByUser	Folder	Locked by user
NoOfSubFolders	Folder	No. of subfolders in folder
NoOfDocuments	Folder	No. of documents in folder
DataDefinition	Folder	If Data Class is associated with this folder, then the whole description of the Data Class is displayed.
DataDefIndex	DataDefinition	Index of the Data Class associated with the folder, if any.
Fields	Folder	Outer Tag containing information about the fields of the associated Data Class.
Field	Fields	Outer Tag containing information about a single field of this data class.
IndexId	Field	Index of the Data Class field.
IndexName	Field	Name of the Data Class field.
IndexType	Field	Type of the Data Class field.
IndexLength	Field	Length of the Data Class field.
IndexAttribute	Field	Attribute of the Data Class Field.
IndexFlag	Field	Specifies whether the given field is Global or specific to this Data Class.
Pickable	Field	Flag to check that data field values can be picked up or not.
Reference Flag	Folder	Flag for checking if it is reference or not 'O' or 'R'
ObjectType	Class	Object Type id : 'C' for Class, ' F' for file, 'P' for filepart.
VitalRecord	Class	It specifies if it will contain vital record or not

Parameter	Parent Tag	Description
DueForReviewFlag	Class	Y if filepart is due for review, otherwise N
VitalReviewCycle	Class	Review would be cyclic or time based
CyclicOrTimeBased	Class	C' for cyclic and 'T' for time based
ReviewerId	Class	Index of the Reviewer
ReviewerName	Class	Name of the Reviewer
SearchOptions	Class	
BackupMedia	Class	
NextClassType	Class	
FileNumberingID	Class	File Numbering ID
CutOffRollOverRuleID	Class	Cutoff Rollover ID
RetentionRuleID	Class	Retention Rule ID
StorageRuleID	Class	Storage Rule ID
RequestTransferNumId	Class	Request Transfer Number if request is generated
DispAuthority	Class	Disposition Authority ID
DispAuthorityGroupID	Class	Disposition Authority group ID
DispAuthorityRoleID	Class	Disposition Authority role ID
BorrowPeriod	Class	Borrow Period
BorrowPeriodUnit	Class	Borrow Period Unit
PhysicalLocation	Class	Location ID
BoxID	Class	Box ID
BarCode	Class	Bar Code associated with this folder.
FileStatus	Class	
FileNumber	Class	File number
FilePartNumber	Class	File Part number

Parameter	Parent Tag	Description
PhysicalHybridIndicator	Class	
PermanentRecordIndicator	Class	Y if filepart contains permanent record, otherwise N
Suspended	Class	Y if filepart is suspended, otherwise N
VitalReviewDate	Class	Review date if it is time based
CurrentRequestee	Class	Current Requestee if file is requested
GeneratedSequenceValues	Class	
FileCategory	Class	File Category
DispAuthorityName	Class	Name of disposition authority

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetFilePlan* API:

Error Code	Error Code Description	Suggestions
-603600	FilePlan List Failed	FilePlan List Failed

NGRM_GetRMObjectType

This call returns type of the folder, if an RMS entity.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetRMObjectType_Input>
    <Option>NGRM_GetRMObjectType</Option>
    <CabinetName>testdod</CabinetName>
```

```
    <UserDBId>1138215137</UserDBId>
    <LogGeneration>y</LogGeneration>
    <ObjectIndex>23</ObjectIndex>
    <ObjectType>23</ObjectType>
</NGRM_GetRMObjectType_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetRMObjectType* API:

Parameter	Parent Tag	Data Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
ObjectIndex	Root	Integer	Id of object • Valid values — Integer value • Default values — Not applicable	Yes
ObjectType	Root	String	Type of Object ('F' folder, 'D' document) • Valid values — F or D • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_GetRMObjectType_Output>
    <Option>NGRM_GetRMObjectType</Option>
    <Status>0</Status>
    <ObjectIndex>23</ObjectIndex>
    <ObjectType>23</ObjectType>
    <ObjectName>aa</ObjectName>
</NGRM_GetRMObjectType_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetRMObjectType* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	0 if call is successful
ObjectIndex	Root	Name of object
ObjectType	Root	Type of Object ('F' folder,'D' document)
ObjectName	Root	Name of object

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetRMObjectType* API:

Error Code	Description
-6042	Items are not a part of Fileplan.
-501	Database Error.
-502	Server Error.

Location and Box

The section consists of the following topics:

- Location
- Box

Location

The Location consists of the following APIs:

- NGRM_CreateLocation
- NGRM_DeleteLocation
- NGRM_GetLocationProperties
- NGRM_SetLocationProperties
- NGRM_GetListOfLocations
- NGRM_GetLocationIDForName

NGRM_CreateLocation

This call is used to create a location for mapping physical location of documents.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateLocation_Input>
    <Option>NGRM_CreateLocation</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Location>
        <ParentLocationId>0</ParentLocationId>
        <NoOfChildLocs>10</NoOfChildLocs>
        <LocationName>dac</LocationName>
        <Comment>ass</Comment>
        <LocationType>A</LocationType>
```

```
        <LocationAdmin>1</LocationAdmin>
        <LocationAdminName>Supervisor</LocationAdminName>
        <LocationAdminGroupID>0</LocationAdminGroupID>
        <LocationAdminGroupName></LocationAdminGroupName>
        <LocationAdminRoleID>0</LocationAdminRoleID>
        <LocationAdminRoleName></LocationAdminRoleName>
        <Conditions>
            <Condition>
                <Operand_1>0</Operand_1>
                <Operator_1>2</Operator_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operand_2>7</Operand_2>
                <Operator_2>4</Operator_2>
                <Operand_2Name>FILE_PART_CREATED_DATE</Operand_2Name>
                <Operand_3>2</Operand_3>
                <Operand_3Name>10</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </Location>
</NGRM_CreateLocation_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateLocation* API:

Parameter	Parent tag	Parameter data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation.	No

Parameter	Parent tag	Parameter data type	Description	Mandatory
			• Valid values — Y for yes and N for no • Default values — Not applicable	
ParentLocationId	Location	Integer	Index of the parent location. • Valid values — Not applicable • Default values — Not applicable	Yes
NoOfChildLocs	Location	Integer	Capacity of this location. • Valid values — Not applicable • Default values — Not applicable	Yes
LocationName	Location	String	Name of the location to be created. • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	Location	String	Comment associated with location. • Valid values — Not applicable • Default values — Not applicable	Yes
LocationType	Location	String	Type of the location. • Valid values ◦ A for Active-In-House ◦ I for Inactive In-House ◦ E for External Storage • Default values — Not applicable	Yes
LocationAdmin	Location	Integer	Admin of this location. • Valid values: ◦ 1 for Supervisor ◦ 2 for Supervisor2 • Default values — Not applicable	Yes
Location AdminName	Location	String	Name of the location administrator. • Valid values — Not applicable • Default values — Not applicable	Yes
LocationAdmin GroupID	Location	Integer	Group in which the admin belongs to. • Valid values: ◦ 1 for Everyone ◦ 2 for Supervisor	Yes

Parameter	Parent tag	Parameter data type	Description	Mandatory
			◦ 3 for Public • Default values — Not applicable	
LocationAdmin GroupName	Location	String	Name of the admin group. • Valid values: ◦ Everyone ◦ Supervisor ◦ Public • Default values — Not applicable	Yes
LocationAdmin RoleID	Location	Integer	Role ID of the admin. • Valid values — Not applicable • Default values — Not applicable	Yes
LocationAdmin RoleName	Location	String	Role name of the admin. • Valid values — Not applicable • Default values — Not applicable	Yes
Condition	Conditions	String	Condition on the location. • Valid values — Not applicable • Default values — Not applicable	Yes
Operand_1	Condition	Integer	First operand • Valid values — Not applicable • Default values — Not applicable	Yes
Operator_1	Condition	Integer	First operator • Valid values — 2 for = • Default values — Not applicable	Yes
Operand_1Name	Condition	String	Name of the second operator. • Valid values — CURRENT_DATE • Default values — Not applicable	Yes
Operand_2	Condition	Integer	Second operand • Valid values — 7, 8, 9, 11 • Default values — Not applicable	Yes
Operator_2	Condition	Integer	Second operator • Valid values — 4 for + • Default values — Not applicable	Yes

Parameter	Parent tag	Parameter data type	Description	Mandatory
Operand_2Name	Condition	String	Name of the second operand. • Valid values — FILE_PART_CREATED_DATE • Default values — Not applicable	Yes
Operand_3	Condition	Integer	Third operand • Valid values — 2 • Default values — Not applicable	Yes
Operand_3Name	Condition	String	Name of the third operand • Valid values — INTEGER_CONSTANT • Default values — Not applicable	Yes
JoinCondition	Condition	Integer	Join condition 0 or 1 • Valid values — 0 for OR and 1 for AND • Default values — Not applicable	Yes

Sample response

```
<NGRM_CreateLocation_Output>
    <Option>NGRM_CreateLocation</Option>
    <Status>0</Status>
    <Location>
        <LocationID>23</LocationID>
        <LocationName>dac</LocationName>
        <Comment>ass</Comment>
        <LocationType>A</LocationType>
        <LocationAdmin>1</LocationAdmin>
        <LocationAdminName></LocationAdminName>
        <LocationRuleID>164</LocationRuleID>
        <NoOfBoxes>1</NoOfBoxes>
        <LocationAdminGroupID>0</LocationAdminGroupID>
        <LocationAdminGroupName></LocationAdminGroupName>
        <LocationAdminRoleID>0</LocationAdminRoleID>
        <LocationAdminRoleName></LocationAdminRoleName>
        <LocationAuthority>0</LocationAuthority>
        <AggregationLevel>P</AggregationLevel>
        <ParentLocationID>0</ParentLocationID>
        <NoOfChildLocs>10</NoOfChildLocs>
        <LocsCount>0</LocsCount>
        <Conditions>
            <Condition>
                <ConditionID>167</ConditionID>
```

```
                <Operand_1>0</Operand_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operator_1>2</Operator_1>
                <Operand_2>7</Operand_2>
                <Operand_2Name>FILE_PART_CREATED_DATE</Operand_2Name>
                <Operator_2>4</Operator_2>
                <Operand_3>2</Operand_3>
                <Operand_3Name>10</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </Location>
</NGRM_CreateLocation_Output>
```

Response parameters description

The following table describes the output parameters of the *NGRM_CreateLocation* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the call.
Status	Root	Status returned for the call.
LocationID	Location	Index of the location.
Comment	Location	Comment associated with location.
LocationType	Location	Type of the location.
LocationAdmin	Location	Admin of this location.
LocationAdminName	Location	Name of the location administrator.
LocationRuleID	Location	Rule ID associated with the location.
NoOfBoxes	Location	Number of boxes in this location.
LocationAdminGroupID	Location	Group in admin belongs to.
LocationAdminGroupName	Location	Name of the admin group.
LocationAdminRoleID	Location	Role ID of the admin.
LocationAdminRoleName	Location	Role name of the admin.
LocationAuthority	Location	Location authority.

Parameter	Parent tag	Description
AggregationLevel	Location	Aggregation level of the location.
ParentLocationID	Location	Index of the parent location.
NoOfChildLocs	Location	Capacity of this location.
LocsCount	Location	Count of location.
Condition	Conditions	Condition on the location.
Operand_1	Condition	First operand.
Operator_1	Condition	First operator.
Operand_1Name	Condition	Name of the second operator.
Operand_2	Condition	Second operand.
Operator_2	Condition	Second operator.
Operand_2Name	Condition	Name of the second operand.
Operand_3	Condition	Third operand.
Operand_3Name	Condition	Name of the third operand.
JoinCondition	Condition	Join Conidition

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_CreateLocation* API:

Error code	Description
- 7009	Location name already exists
- 14006	Location Capacity Full.

NGRM_DeleteLocation

This call is used to delete a location.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteLocation_Input>
    <Option>NGRM_DeleteLocation</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Location>
        <LocationID>23</LocationID>
    </Location>
</NGRM_DeleteLocation_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteLocation* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No

Parameter	Parent tag	Data type	Description	Mandatory
LocationID	Root	String	Index of the location. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_DeleteLocation_Output>
    <Option>NGRM_DeleteLocation</Option>
    <Status>0</Status>
</NGRM_DeleteLocation_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteLocation* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	Status returned for the call.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_DeleteLocation* API:

Error code	Description
- 7002	Location cannot be deleted, since it has some boxes
- 7006	Location cannot be deleted, since it has some sub-locations

NGRM_GetLocationProperties

This call is used to get location properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetLocationProperties_Input>
    <Option>NGRM_GetLocationProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Location>
        <LocationID>20</LocationID>
        <CountFlag>Y</CountFlag>
    </Location>
</NGRM_GetLocationProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetLocationProperties* API:

Parameter	Parent tag	Parameter data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Parameter data type	Description	Mandatory
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
LocationID	Location	String	Index of the location. • Valid values — Not applicable • Default values — Not applicable	Yes
CountFlag	Location	String	Whether to include the number of records or not. • Valid values — Y for yes and N for no • Default values — Not applicable	No

Sample response

```
<NGRM_GetLocationProperties_Output>
    <Option>NGRM_GetLocationProperties</Option>
    <Status>0</Status>
    <Location>
        <LocationID>20</LocationID>
        <LocationName>crr24</LocationName>
        <Comment></Comment>
        <LocationType>I</LocationType>
        <LocationAdmin>1</LocationAdmin>
        <LocationAdminName>Supervisor</LocationAdminName>
        <LocationRuleID>35</LocationRuleID>
        <NoOfBoxes>1</NoOfBoxes>
        <LocationAdminGroupID>0</LocationAdminGroupID>
        <LocationAdminGroupName></LocationAdminGroupName>
        <LocationAdminRoleID>0</LocationAdminRoleID>
        <LocationAdminRoleName></LocationAdminRoleName>
        <LocationAuthority>1</LocationAuthority>
        <AggregationLevel>P</AggregationLevel>
        <ParentLocationID>0</ParentLocationID>
        <NoOfChildLocs>0</NoOfChildLocs>
        <LocsCount>0</LocsCount>
        <Conditions>
```

```
            <Condition>
                <ConditionID>85</ConditionID>
                <Operand_1>0</Operand_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operator_1>2</Operator_1>
                <Operand_2>7</Operand_2>
                <Operand_2Name>FP_CreatedDate</Operand_2Name>
                <Operator_2>4</Operator_2>
                <Operand_3>2</Operand_3>
                <Operand_3Name>78</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </Location>
</NGRM_GetLocationProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetLocationProperties* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	Status returned for the call.
LocationID	Location	ID of the location.
LocationName	Location	Name of the location.
Comment	Location	Comment associated with location.
LocationType	Location	Type of the location.
LocationAdmin	Location	Administrator of this location.
LocationAdminName	Location	Name of the location administrator.
LocationRuleID	Location	Rule ID associated with the location.
NoOfBoxes	Location	Number of boxes in this location.
LocationAdminGroupID	Location	The group in admin belongs. to.
LocationAdminGroupName	Location	Name of the administrator group.
LocationAdminRoleID	Location	Role ID of the administrator.

Parameter	Parent tag	Description
LocationAdminRoleName	Location	Role name of the administrator.
LocationAuthority	Location	Location authority.
AggregationLevel	Location	Aggregation level of the location.
ParentLocationID	Location	Index of the parent location.
NoOfChildLocs	Location	Capacity of this location.
LocsCount	Location	Count of location.
Condition	Conditions	Condition on the location.
Operand_1	Condition	First operand
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of the second operator.
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of the second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Location	Join condition
DataDefinition	DataDefinitions	Dataclass index related
DataDefIndex	DataDefinition	Index of dataclass related

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_GetLocationProperties* API:

Error code	Description
-505	Insufficient rights to create a class
-507	Location does not exist

NGRM_SetLocationProperties

This call is used to modify location properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetLocationProperties_Input>
    <Option>NGRM_SetLocationProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Location>
        <LocationID>20</LocationID>
        <LocationName>crr24</LocationName>
        <Comment></Comment>
        <ParentLocationId>0</ParentLocationId>
        <NoOfChildLocs>12</NoOfChildLocs>
        <LocationType>I</LocationType>
        <LocationAdmin>1</LocationAdmin>
        <LocationAdminName>Supervisor</LocationAdminName>
        <LocationRuleID>35</LocationRuleID>
        <LocationAdminGroupID>0</LocationAdminGroupID>
        <LocationAdminGroupName></LocationAdminGroupName>
        <LocationAdminRoleID>0</LocationAdminRoleID>
        <LocationAdminRoleName></LocationAdminRoleName>
        <Conditions>
            <Condition>
                <Operand_1>0</Operand_1>
                <Operator_1>2</Operator_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operand_2>7</Operand_2>
                <Operator_2>4</Operator_2>
                <Operand_2Name>FP_CreatedDate</Operand_2Name>
                <Operand_3>2</Operand_3>
                <Operand_3Name>78</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </Location>
</NGRM_SetLocationProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetLocationProperties* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
LocationID	Location	Integer	Index of the location • Valid values — Not applicable • Default values — Not applicable	Yes
NoOfChildLocs	Location	Integer	Capacity of this location. • Valid values — Not applicable • Default values — Not applicable	Yes
LocationName	Location	String	Name of the location to be created. • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	Location	String	Comment associated with location. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
ParentLocationId	Location	String	Index of the parent location. • Valid values — Not applicable • Default values — Not applicable	Yes
LocationType	Location	String	Type of the location. • Valid values: ◦ A for Active-In-House ◦ I for Inactive In-House ◦ E for External Storage • Default values — Not applicable	Yes
LocationAdmin	Location	Integer	Administrator of this location. • Valid values: ◦ 1 for supervisor ◦ 2 for supervisor2 • Default values — Not applicable	Yes
LocationAdminName	Location	String	Name of the location administrator • Valid values — Not applicable • Default values — Not applicable	Yes
LocationRuleID	Location	Integer	Index of the rule of the location • Valid values — Not applicable • Default values — Not applicable	Yes
LocationAdmin GroupID	Location	Integer	The group in administrator belongs to. • Valid values: ◦ 1 for Everyone ◦ 2 for Supervisor ◦ 3 for Public • Default values — Not applicable	Yes
LocationAdmin GroupName	Location	String	Name of the administrator group. • Valid values: ◦ Everyone ◦ Supervisor ◦ Public • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
LocationAdminRoleID	Location	Integer	Role ID of the administrator. • Valid values — Not applicable • Default values — Not applicable	Yes
LocationAdmin RoleName	Location	String	Role name of the administrator. • Valid values — Not applicable • Default values — Not applicable	Yes
Condition	Conditions	String	Condition on the location. • Valid values — Not applicable • Default values — Not applicable	Yes
Operand_1	Condition	Integer	First operand • Valid values — 0 • Default values — Not applicable	Yes
Operator_1	Condition	Integer	First operator • Valid values — 2 for = • Default values — Not applicable	Yes
Operand_1Name	Condition	String	Name of the second operator. • Valid values — CURRENT_DATE • Default values — Not applicable	Yes
Operand_2	Condition	Integer	Second operand • Valid values — 7, 8, 9, 11 • Default values — Not applicable	Yes
Operator_2	Condition	Integer	Second operator • Valid values — 4 for + • Default values — Not applicable	Yes
Operand_2Name	Condition	String	Name of the second operand. • Valid values — The file part created date • Default values — Not applicable	Yes
Operand_3	Condition	Integer	Third operand. • Valid values — 2 • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
Operand_3Name	Condition	String	Name of the third operand. • Valid values — INTEGER_CONSTANT • Default values — Not applicable	Yes
JoinCondition	Condition	Integer	Join condition 0 or 1 • Valid values — 0 for OR and 1 for AND • Default values — Not applicable	Yes
DataDefIndex	DataDefinition	Integer	Index of the dataclass associated • Valid values — Not applicable • Default values — Not applicable	Yes
DataDefName	DataDefinition	String	Name of the dataclass associated • Valid values — Not applicable • Default values — Not applicable	Yes
Fields	DataDefinition	Object	Array containing dataclass fields • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_SetLocationProperties_Output>
    <Option>NGRM_SetLocationProperties</Option>
    <Status>0</Status>
    <Location>
        <LocationID>20</LocationID>
        <LocationName>crr24</LocationName>
        <Comment></Comment>
        <LocationType>I</LocationType>
        <LocationAdmin>1</LocationAdmin>
        <LocationAdminName></LocationAdminName>
        <LocationRuleID>35</LocationRuleID>
        <NoOfBoxes>1</NoOfBoxes>
        <LocationAdminGroupID>0</LocationAdminGroupID>
        <LocationAdminGroupName></LocationAdminGroupName>
        <LocationAdminRoleID>0</LocationAdminRoleID>
        <LocationAdminRoleName></LocationAdminRoleName>
        <LocationAuthority>1</LocationAuthority>
        <AggregationLevel></AggregationLevel>
        <ParentLocationID>0</ParentLocationID>
        <NoOfChildLocs>12</NoOfChildLocs>
```

```
        <LocsCount>0</LocsCount>
        <Conditions>
            <Condition>
                <ConditionID>168</ConditionID>
                <Operand_1>0</Operand_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operator_1>2</Operator_1>
                <Operand_2>7</Operand_2>
                <Operand_2Name>FP_CreatedDate</Operand_2Name>
                <Operator_2>4</Operator_2>
                <Operand_3>2</Operand_3>
                <Operand_3Name>78</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </Location>
</NGRM_SetLocationProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetLocationProperties* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	The status returned for the call.
LocationID	Location	The ID of the location.
LocationName	Location	Name of the location.
Comment	Location	The comment associated with location.
LocationType	Location	Type of the location.
LocationAdmin	Location	The administrator of this location.
LocationAdminName	Location	Name of the location administrator.
LocationRuleID	Location	Rule ID associated with the location.
NoOfBoxes	Location	The number of boxes in this location.
LocationAdminGroupID	Location	The group in admin belongs to.
LocationAdminGroupName	Location	The name of the administrator group.

Parameter	Parent tag	Description
LocationAdminRoleID	Location	Role ID of the administrator.
LocationAdminRoleName	Location	Role name of the administrator.
LocationAuthority	Location	Location authority
AggregationLevel	Location	Aggregation level of the location.
ParentLocationID	Location	Index of the parent location.
NoOfChildLocs	Location	Capacity of this location.
LocsCount	Location	Count of the location.
Condition	Conditions	Condition on the location.
Operand_1	Condition	First operand
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of the second operator.
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of the second operand.
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand.
JoinCondition	Condition	Join condition

Errors and warnings

NGRM_GetListOfLocations

This call is used to get list of all locations.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfLocations_Input>
    <Option>NGRM_GetListOfLocations</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>20</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <RuleDetailsFlag>N</RuleDetailsFlag>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
    <ParentLocationID>0</ParentLocationID>
</NGRM_GetListOfLocations_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfLocations* API:

Parameter	Parent tag	Data type	Description	Mandato
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No

Parameter	Parent tag	Data type	Description	Mandato
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
FetchCount	Root	Integer	Number of locations to fetch at a time. • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Ordering of sorting. • Valid values — A for ascending and D for descending • Default values — Not applicable	Yes
OrderBy	Root	String	Filed on which the ordering is required. • Valid values — 2 for names and 1 for index • Default values — Not applicable	Yes
RuleDetailsFlag	Root	String	Flag indicating whether details are required or not. • Valid values — Y for yes and N for no • Default values — Not applicable	Yes
PreviousIndex	Root	Integer	Index of the previous location. • Valid values — Not applicable • Default values — Not applicable	Yes
LastSortField	Root	String	Last sort field. • Valid values — Not applicable • Default values — Not applicable	No
ParentLocationID	Root	Integer	ID of the parent location of location. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetListOfLocations_Output>
    <Option>NGRM_GetListOfLocations</Option>
    <Status>0</Status>
    <NoOfLocationsFetched>5</NoOfLocationsFetched>
    <Locations>
```

```
        <Location>
            <LocationID>20</LocationID>
            <LocationName>crr24</LocationName>
            <Comment></Comment>
            <LocationType>I</LocationType>
            <LocationAdmin>1</LocationAdmin>
            <LocationAdminName>Supervisor</LocationAdminName>
            <LocationRuleID>35</LocationRuleID>
            <NoOfBoxes>1</NoOfBoxes>
            <LocationAdminGroupID>0</LocationAdminGroupID>
            <LocationAdminRoleID>0</LocationAdminRoleID>
            <LocationAuthority>0</LocationAuthority>
            <AggregationLevel></AggregationLevel>
            <ParentLocationID>0</ParentLocationID>
            <NoOfChildLocs>12</NoOfChildLocs>
            <LocsCount>0</LocsCount>
        </Location>
        <Location>
            <LocationID>1</LocationID>
            <LocationName>D-152</LocationName>
            <Comment></Comment>
            <LocationType>A</LocationType>
            <LocationAdmin>1</LocationAdmin>
            <LocationAdminName>Supervisor</LocationAdminName>
            <LocationRuleID>1</LocationRuleID>
            <NoOfBoxes>16</NoOfBoxes>
            <LocationAdminGroupID>0</LocationAdminGroupID>
            <LocationAdminRoleID>0</LocationAdminRoleID>
            <LocationAuthority>0</LocationAuthority>
            <AggregationLevel></AggregationLevel>
            <ParentLocationID>0</ParentLocationID>
            <NoOfChildLocs>0</NoOfChildLocs>
            <LocsCount>0</LocsCount>
        </Location>
        <Location>
            <LocationID>21</LocationID>
            <LocationName>D-162</LocationName>
            <Comment></Comment>
            <LocationType>A</LocationType>
            <LocationAdmin>1</LocationAdmin>
            <LocationAdminName>Supervisor</LocationAdminName>
            <LocationRuleID>36</LocationRuleID>
            <NoOfBoxes>2</NoOfBoxes>
            <LocationAdminGroupID>0</LocationAdminGroupID>
            <LocationAdminRoleID>0</LocationAdminRoleID>
            <LocationAuthority>0</LocationAuthority>
            <AggregationLevel></AggregationLevel>
            <ParentLocationID>0</ParentLocationID>
            <NoOfChildLocs>0</NoOfChildLocs>
            <LocsCount>0</LocsCount>
        </Location>
```

```
        <Location>
            <LocationID>19</LocationID>
            <LocationName>loca_test</LocationName>
            <Comment></Comment>
            <LocationType>A</LocationType>
            <LocationAdmin>1</LocationAdmin>
            <LocationAdminName>Supervisor</LocationAdminName>
            <LocationRuleID>27</LocationRuleID>
            <NoOfBoxes>2</NoOfBoxes>
            <LocationAdminGroupID>0</LocationAdminGroupID>
            <LocationAdminRoleID>0</LocationAdminRoleID>
            <LocationAuthority>0</LocationAuthority>
            <AggregationLevel></AggregationLevel>
            <ParentLocationID>0</ParentLocationID>
            <NoOfChildLocs>0</NoOfChildLocs>
            <LocsCount>0</LocsCount>
        </Location>
        <Location>
            <LocationID>22</LocationID>
            <LocationName>nara</LocationName>
            <Comment></Comment>
            <LocationType>I</LocationType>
            <LocationAdmin>1</LocationAdmin>
            <LocationAdminName>Supervisor</LocationAdminName>
            <LocationRuleID>161</LocationRuleID>
            <NoOfBoxes>0</NoOfBoxes>
            <LocationAdminGroupID>0</LocationAdminGroupID>
            <LocationAdminRoleID>0</LocationAdminRoleID>
            <LocationAuthority>0</LocationAuthority>
            <AggregationLevel></AggregationLevel>
            <ParentLocationID>0</ParentLocationID>
            <NoOfChildLocs>78</NoOfChildLocs>
            <LocsCount>0</LocsCount>
        </Location>
    </Locations>
</NGRM_GetListOfLocations_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfLocations* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	The status returned for the call.

Parameter	Parent tag	Description
NoOfLocationsFetched	Root	Number of records fetched at a time.
LocationID	Location	The ID of the location fetched.
Comment	Location	The comment associated with location.
LocationType	Location	Type of the location.
LocationAdmin	Location	The administrator of this location.
LocationAdminName	Location	Name of the location administrator.
LocationRuleID	Location	Rule ID associated with the location.
NoOfBoxes	Location	The number of boxes in this location.
LocationAdminGroupID	Location	The group in administrator belongs to.
LocationAdminGroupName	Location	Name of the administrator group.
LocationAdminRoleID	Location	Role ID of the administrator.
LocationAdminRoleName	Location	Role name of the administrator.
LocationAuthority	Location	Location authority
AggregationLevel	Location	The aggregation level of the location.
ParentLocationID	Location	Index of the parent location.
NoOfChildLocs	Location	The capacity of this location.
LocsCount	Location	Count of locations.

Errors and warnings

NGRM_GetLocationIDForName

This call is used to get the location ID for a particular location name.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_GetLocationIDForName* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
LocationName	Root	String	Name of the location. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_GetLocationIDForName* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	The status returned for the call.
LocationID	Root	The ID of the location.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_GetLocationIDForName* API:

Error code	Description
- 7007	Location does not exist

NGRM_SearchLocation

This call is used to search on location.

Sample request

```
<?xml version="1.0"?>
<NGRM_SearchLocation_Input>
```

```
   <Option>NGRM_SearchLocation</Option>
   <CabinetName>postcab11</CabinetName>
   <UserDBId>-1386542208</UserDBId>
   <LogGeneration>n</LogGeneration>
   <NoOfLocationsToFetch>10</NoOfLocationsToFetch>
   <SortOrder>A</SortOrder>
   <OrderBy>2</OrderBy>
   <LookInFolder>0</LookInFolder>
   <StartFrom>1</StartFrom>
   <IncludeSubFolder>N</IncludeSubFolder>
   <Criteria></Criteria>
</NGRM_SearchLocation_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SearchLocation* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No

Parameter	Parent tag	Data type	Description	Mandatory
NoOfLocationsToFetch	Root	Integer	Name of the location. • Valid values — Not applicable • Default values — Not applicable	Yes
LookInFolder	Root	Integer	Look in a folder to search for a particular folder • Valid values — Not applicable • Default values — Not applicable	Yes
StartFrom	Root	String	Start from value • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Sort order ascending or descending • Valid values — A for ascending and D for descending • Default values — Not applicable	Yes
OrderBy	Root	Integer	Order by field • Valid values — Not applicable • Default values — Not applicable	Yes
IncludeSubFolder	Root	Integer	Flag to decide whether to include a subfolder • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_SearchLocation_Output>
   <Option>NGRM_SearchLocation</Option>
   <Status>0</Status>
   <NoOfLocationsFetched>4</NoOfLocationsFetched>
   <TotalNumberOfLocations>4</TotalNumberOfLocations>
   <Locations>
       <Location>
```

```
            <LocationID>6</LocationID>
            <LocationName>createlocationnm</LocationName>
            <Comment>ef</Comment>
            <LocationType>A</LocationType>
            <LocationAdmin>0</LocationAdmin>
            <LocationRuleID>25</LocationRuleID>
            <NoOfBoxes>0</NoOfBoxes>
            <LocationAdminGroupID>2</LocationAdminGroupID>
            <LocationAdminGroupName>Supervisors</LocationAdminGroupName>
            <LocationAdminRoleID>0</LocationAdminRoleID>
            <LocationAuthority>0</LocationAuthority>
            <AggregationLevel>P</AggregationLevel>
            <ParentLocationID>0</ParentLocationID>
            <NoOfChildLocs>0</NoOfChildLocs>
            <LocsCount>0</LocsCount>
        </Location>
        <Location>
            <LocationID>2</LocationID>
            <LocationName>Janakpuri</LocationName>
            <Comment>sjn</Comment>
            <LocationType>A</LocationType>
            <LocationAdmin>0</LocationAdmin>
            <LocationRuleID>4</LocationRuleID>
            <NoOfBoxes>1</NoOfBoxes>
            <LocationAdminGroupID>1</LocationAdminGroupID>
            <LocationAdminGroupName>Everyone</LocationAdminGroupName>
            <LocationAdminRoleID>0</LocationAdminRoleID>
            <LocationAuthority>0</LocationAuthority>
            <AggregationLevel>P</AggregationLevel>
            <ParentLocationID>0</ParentLocationID>
            <NoOfChildLocs>0</NoOfChildLocs>
            <LocsCount>0</LocsCount>
        </Location>
    </Locations>
</NGRM_SearchLocation_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SearchLocation* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the Call.
Status	Root	0 if call is successful

Parameter	Parent tag	Description
NoOfLocationsFetched	Root	Total number of locations fetched
TotalNumberOfLocations	Root	Total number of locations present
Locations	Root	Parent Tag for list of locations
Location	Locations	Sub Tag for location
LocationID	Location	ID of the location
LocationName	Location	Name of the location
Comment	Location	It is the comment associated with the location.
LocationType	Location	It is the type of the location
LocationAdmin	Location	It is the admin id of location
LocationRuleID	Location	It is the rule id of the location
NoOfBoxes	Location	Total number of boxes present inside location
LocationAdminGroupID	Location	It is the group owner id for the location
LocationAdminGroupName	Location	It is the group owner name for the location
LocationAdminRoleID	Location	It is the role owner id for the location
LocationAuthority	Location	It is the disposition authority associated with the location
AggregationLevel	Location	Aggregation level of the location
ParentLocationID	Location	It is the id of the parent location
NoOfChildLocs	Location	Capacity of this location
LocsCount	Location	Count of the location

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_SearchLocation* API:

Error code	Description
- 14014	Location search failed

Box

The Box consists of the following APIs:

NGRM_CreateBox

This call is used to create a box for mapping the physical location of documents.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateBox_Input>
    <Option>NGRM_CreateBox</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1276214676</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Box>
        <BoxName>gcb</BoxName>
        <Comment>dgddd</Comment>
        <BarCode>ff</BarCode>
        <OwnerIndex>1</OwnerIndex>
        <ParentLocationID>20</ParentLocationID>
        <CreationDateTime></CreationDateTime>
        <RevisedDateTime></RevisedDateTime>
        <AccessDateTime></AccessDateTime>
        <BoxOwnerGroupID>0</BoxOwnerGroupID>
        <BoxOwnerGroupName></BoxOwnerGroupName>
        <BoxOwnerRoleID>0</BoxOwnerRoleID>
        <BoxOwnerRoleName></BoxOwnerRoleName>
    </Box>
</NGRM_CreateBox_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateBox* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
BoxName	Box	String	It is the box name that has to be created. • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	Box	String	It is the comment associated with the box. • Valid values — Not applicable • Default values — Not applicable	No
BarCode	Box	String	It is the bar code which is associated with the box. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Data type	Description	Mandatory
OwnerIndex	Box	Integer	It is the owner ID for the box. • Valid values — Not applicable • Default values — Not applicable	Yes
ParentLocationID	Box	Integer	It is the parent location ID for the new box. • Valid values — Not applicable • Default values — Not applicable	Yes
CreationDateTime	Box	String	It is the creation date time for the box. • Valid values — Not applicable • Default values — Not applicable	No
RevisedDateTime	Box	String	It is the revision date time for the box. • Valid values — Not applicable • Default values — Not applicable	No
AccessDateTime	Box	String	It is the accessed date time for the box. • Valid values — Not applicable • Default values — Not applicable	No
BoxOwnerGroupID	Box	String	It is the group owner ID for the box. • Valid values — Not applicable • Default values — Not applicable	Yes
BoxOwnerGroupName	Box	String	It is the group owner name for the box. • Valid values — Not applicable • Default values — Not applicable	No
BoxOwnerRoleID	Box	String	It is the role owner ID for the box. • Valid values — Not applicable • Default values — Not applicable	Yes
BoxOwnerRoleName	Box	String	It is the role owner name for the box. • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_CreateBox_Output>
    <Option>NGRM_CreateBox</Option>
    <Status>0</Status>
    <Box>
        <BoxID>24</BoxID>
        <BoxName>gcb</BoxName>
        <Comment>dgddd</Comment>
        <BarCode>ff</BarCode>
        <OwnerIndex>1</OwnerIndex>
        <Owner></Owner>
        <CreationDateTime>2012-04-17 12:48:22.733</CreationDateTime>
        <RevisedDateTime>2012-04-17 12:48:22.733</RevisedDateTime>
        <AccessDateTime>2012-04-17 12:48:22.733</AccessDateTime>
        <ParentLocationID>20</ParentLocationID>
        <ParentLocationName></ParentLocationName>
        <BoxOwnerGroupID>0</BoxOwnerGroupID>
        <BoxOwnerGroupName></BoxOwnerGroupName>
        <BoxOwnerRoleID>0</BoxOwnerRoleID>
        <BoxOwnerRoleName></BoxOwnerRoleName>
        <BoxAuthority>0</BoxAuthority>
        <BoxCurrentBorrower></BoxCurrentBorrower>
        <BoxTransferStatus></BoxTransferStatus>
        <BoxTransferNoteID>0</BoxTransferNoteID>
        <BoxTransferStatus></BoxTransferStatus>
        <BoxCapacity>0</BoxCapacity>
        <BoxLockedStatus></BoxLockedStatus>
        <BoxLockedByUser></BoxLockedByUser>
        <BoxLockedDateTime></BoxLockedDateTime>
    </Box>
</NGRM_CreateBox_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateBox* API:

Parameter	Parent tag	Description
Option	Root	A unique option for the call.
Status	Root	0 if call is successful.
BoxID	Box	ID of the box.

Parameter	Parent tag	Description
BoxName	Box	Name of the box.
Comment	Box	It is the comment associated with the box.
BarCode	Box	It is the bar code which is associated with the box.
OwnerIndex	Box	It is the owner ID for the box.
Owner	Box	It is the owner name for the box.
CreationDateTime	Box	It is the creation date time for the box.
RevisedDateTime	Box	It is the revision date time for the box.
AccessDateTime	Box	It is the accessed date time for the box.
ParentLocationID	Box	It is the parent location ID for the new box.
ParentLocationName	Box	It is the parent location name for the new box.
BoxOwnerGroupID	Box	It is the group owner ID for the box.
BoxOwnerGroupName	Box	It is the group owner name for the box.
BoxOwnerRoleID	Box	It is the role owner ID for the box.
BoxOwnerRoleName	Box	It is the role owner name for the box.
BoxAuthority	Box	It is the disposition authority associated with the box.
BoxCurrentBorrower	Box	It is the current borrower of the box.
BoxTransferStatus	Box	It is the transfer status of box.
BoxTransferNoteID	Box	It is transfer note ID of box, if it is transferred.
BoxCapacity	Box	It is the capacity of the box.
BoxLockedStatus	Box	It is the locked status of box.
BoxLockedByUser	Box	It is user id by which box is locked.
BoxLockedDateTime	Box	It is locked date time of box.

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_CreateBox* API:

Error code	Description
-505	Insufficient rights to create a class.

NGRM_DeleteBox

This call is used to delete a box.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteBox_Input>
    <Option>NGRM_DeleteBox</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Box>
        <BoxID>23</BoxID>
    </Box>
</NGRM_DeleteBox_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteBox* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the *NGOConnectCabinet* call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — *Y* for yes and *N* for no • Default values — Not applicable	No
BoxID	Box	String	ID of the box that requires to be deleted. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_DeleteBox_Output>
    <Option>NGRM_DeleteBox</Option>
    <Status>0</Status>
</NGRM_DeleteBox_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteBox* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	0 if call is successful

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_DeleteBox* API:

Error code	Error message	Description
-505	No rights for the current operation.	Insufficient rights to create a class.
-7004	Box not empty.	The box cannot be deleted since it has some items.

NGRM_GetBoxProperties

This call is used to get properties a box.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetBoxProperties_Input>
    <Option>NGRM_GetBoxProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Box>
        <BoxID>23</BoxID>
    </Box>
</NGRM_GetBoxProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetBoxProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGRM_GetBoxProperties call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
BoxID	Box	String	ID of the box that requires to be deleted. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetBoxProperties_Output>
    <Option>NGRM_GetBoxProperties</Option>
    <Status>0</Status>
    <Box>
        <BoxID>23</BoxID>
        <BoxName>nara</BoxName>
        <Comment></Comment>
```

```
        <BarCode></BarCode>
        <OwnerIndex>1</OwnerIndex>
        <Owner>Supervisor</Owner>
        <CreationDateTime>2012-03-02 11:20:21.79</CreationDateTime>
        <RevisedDateTime>2012-03-02 11:20:21.79</RevisedDateTime>
        <AccessDateTime>2012-03-02 11:20:21.79</AccessDateTime>
        <ParentLocationID>22</ParentLocationID>
        <ParentLocationName>nara</ParentLocationName>
        <BoxOwnerGroupID>0</BoxOwnerGroupID>
        <BoxOwnerGroupName></BoxOwnerGroupName>
        <BoxOwnerRoleID>0</BoxOwnerRoleID>
        <BoxOwnerRoleName></BoxOwnerRoleName>
        <BoxAuthority>1</BoxAuthority>
        <BoxCurrentBorrower></BoxCurrentBorrower>
        <BoxTransferStatus></BoxTransferStatus>
        <BoxTransferNoteID>0</BoxTransferNoteID>
        <BoxTransferStatus></BoxTransferStatus>
        <BoxCapacity>0</BoxCapacity>
        <BoxLockedStatus></BoxLockedStatus>
        <BoxLockedByUser></BoxLockedByUser>
    </Box>
</NGRM_GetBoxProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetBoxProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	0 if call is successful
BoxID	Box	ID of the box
BoxName	Box	Name of the box
Comment	Box	It is the comment associated with the box.
BarCode	Box	It is the bar code which is associated with the box
OwnerIndex	Box	It is the owner id for the box
Owner	Box	It is the owner name for the box

Parameter	Parent Tag	Description
CreationDateTime	Box	It is the creation date time for the box
RevisedDateTime	Box	It is the revision date time for the box
AccessDateTime	Box	It is the accessed date time for the box
ParentLocationID	Box	It is the parent location id for the box
ParentLocationName	Box	It is the parent location name for the box
BoxOwnerGroupID	Box	It is the group owner id for the box
BoxOwnerGroupName	Box	It is the group owner name for the box
BoxOwnerRoleID	Box	It is the role owner id for the box
BoxOwnerRoleName	Box	It is the role owner name for the box
BoxAuthority	Box	It is the disposition authority associated with the box
BoxCurrentBorrower	Box	It is the current borrower of the box
BoxTransferStatus	Box	It is the transfer status of box
BoxTransferNoteID	Box	It is transfer note id of box, if it is transferred
BoxCapacity	Box	It is the capacity of the box
BoxLockedStatus	Box	It is the locked status of box
BoxLockedByUser	Box	It is user id by which box is locked
BoxLockedDateTime	Box	It is locked date time of box

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetBoxProperties* API:

Error Code	HTTP Status	HTTP Status Description	Error Code Description	Suggestions
-505			No Rights for the current operation	Insufficient rights to create class
-507			Item does not exists	Box does not exists

NGRM_SetBoxProperties

This call is used to modify the properties of a box.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetBoxProperties_Input>
    <Option>NGRM_SetBoxProperties</Option>
    <CabinetName>dodcab</CabinetName>
    <UserDBId>1500753719</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Box>
        <BoxID>5</BoxID>
        <BoxName>BOXN_1</BoxName>
        <Comment>adfadfdfasdf</Comment>
        <BarCode>123</BarCode>
        <OwnerIndex>1</OwnerIndex>
        <ParentLocationID>0</ParentLocationID>
        <CreationDateTime></CreationDateTime>
        <RevisedDateTime></RevisedDateTime>
        <AccessDateTime></AccessDateTime>
        <BoxOwnerGroupID>0</BoxOwnerGroupID>
        <BoxOwnerGroupName></BoxOwnerGroupName>
        <BoxOwnerRoleID>0</BoxOwnerRoleID>
        <BoxOwnerRoleName></BoxOwnerRoleName>
    </Box>
</NGRM_SetBoxProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetBoxProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
BoxID	Box	String	ID of the box • Valid values — Not applicable • Default values — Not applicable	Yes
BoxName	Box	String	It is the box name that has to be created. • Valid values — Not applicable • Default values — Not applicable	Yes
Comment	Box	String	It is the comment associated with the box. • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
BarCode	Box	String	It is the bar code which is associated with the box. • Valid values — Not applicable • Default values — Not applicable	Yes
OwnerIndex	Box	Integer	It is the owner ID for the box. • Valid values — Not applicable • Default values — Not applicable	Yes
ParentLocationID	Box	Integer	It is the parent location ID for the new box. • Valid values — Not applicable • Default values — Not applicable	Yes
CreationDateTime	Box	String	It is the creation date time for the box. • Valid values — Not applicable • Default values — Not applicable	No
RevisedDateTime	Box	String	It is the revision date time for the box. • Valid values — Not applicable • Default values — Not applicable	No
AccessDateTime	Box	String	It is the accessed date time for the box. • Valid values — Not applicable • Default values — Not applicable	No
BoxOwnerGroupID	Box	String	It is the group owner ID for the box. • Valid values — Not applicable • Default values — Not applicable	Yes
BoxOwnerGroupName	Box	String	It is the group owner name for the box. • Valid values — Not applicable • Default values — Not applicable	No
BoxOwnerRoleID	Box	String	It is the role owner ID for the box. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
BoxOwnerRoleName	Box	String	It is the role owner's name for the box. • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_SetBoxProperties_Output>
    <Option>NGRM_SetBoxProperties</Option>
    <Status>0</Status>
    <Box>
        <BoxID>5</BoxID>
        <BoxName>BOXN_1</BoxName>
        <Comment>adfadfdfasdf</Comment>
        <BarCode>123</BarCode>
        <OwnerIndex>1</OwnerIndex>
        <Owner></Owner>
        <CreationDateTime>2011-10-25 04:59:16.607</CreationDateTime>
        <RevisedDateTime>2012-04-26 04:51:25.937</RevisedDateTime>
        <AccessDateTime>2012-04-26 04:51:25.937</AccessDateTime>
        <ParentLocationID>5</ParentLocationID>
        <ParentLocationName></ParentLocationName>
        <BoxOwnerGroupID>0</BoxOwnerGroupID>
        <BoxOwnerGroupName></BoxOwnerGroupName>
        <BoxOwnerRoleID>0</BoxOwnerRoleID>
        <BoxOwnerRoleName></BoxOwnerRoleName>
        <BoxAuthority>1</BoxAuthority>
        <BoxCurrentBorrower></BoxCurrentBorrower>
        <BoxReturnDate></BoxReturnDate>
        <BoxTransferStatus></BoxTransferStatus>
        <BoxTransferNoteID>0</BoxTransferNoteID>
        <BoxTransferStatus></BoxTransferStatus>
        <BoxCapacity>0</BoxCapacity>
        <BoxReceivedDate></BoxReceivedDate>
        <BoxLockedStatus></BoxLockedStatus>
        <BoxLockedByUser></BoxLockedByUser>
        <BoxLockedDateTime></BoxLockedDateTime>
    </Box>
</NGRM_SetBoxProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetBoxProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	0 if call is successful
BoxID	Box	ID of the box
BoxName	Box	name of the box
Comment	Box	It is the comment associated with the box
BarCode	Box	It is the bar code which is associated with the box
OwnerIndex	Box	It is the owner id for the box
Owner	Box	It is the owner name for the box
CreationDateTime	Box	It is the creation date time for the box
RevisedDateTime	Box	It is the revision date time for the box
AccessDateTime	Box	It is the accessed date time for the box
ParentLocationID	Box	It is the parent location id for the box
ParentLocationName	Box	It is the parent location name for the box
BoxOwnerGroupID	Box	It is the group owner id for the box
BoxOwnerGroupName	Box	It is the group owner name for the box
BoxOwnerRoleID	Box	It is the role owner id for the box
BoxOwnerRoleName	Box	It is the role owner name for the box
BoxAuthority	Box	It is the disposition authority associated with the box
BoxReturnDate	Box	Return date of box if borrowed
BoxCurrentBorrower	Box	It is the current borrower of the box
BoxTransferStatus	Box	It is the transfer status of box
BoxTransferNoteID	Box	It is transfer note id of box, if it is transferred

Parameter	Parent Tag	Description
BoxCapacity	Box	It is the capacity of the box
BoxReceivedDate	Box	Received date of box if borrowed
BoxLockedStatus	Box	It is the locked status of box
BoxLockedByUser	Box	It is user id by which box is locked
BoxLockedDateTime	Box	It is locked date time of box

Errors and warnings

The following table describes the error codes and description of the *NGRM_SetBoxProperties* API:

Error Code	Description
-505	Insufficient rights to create class
-507	Box does not exists
-14016	Box is locked

NGRM_GetListOfBoxes

This call is used to get the list of all boxes.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfBoxes_Input>
    <Option>NGRM_GetListOfBoxes</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>20</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
```

```
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
    <ParentLocationID>19</ParentLocationID>
</NGRM_GetListOfBoxes_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfBoxes* API:

Parameter	Parent Tag	Parameter Type	Description	Manda
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
FetchCount	Root	Integer	Number of locations to fetch at a time. • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Ordering of sorting. • Valid values — A for ascending and D for descending • Default values — Not applicable	Yes
OrderBy	Root	Integer	Filed on which the ordering is required. • Valid values — 2 for names and 1 for index • Default values — Not applicable	Yes
PreviousIndex	Root	Integer	Index of the previous location. • Valid values — Not applicable • Default values — Not applicable	Yes
LastSortField	Root	String	Last sort field. • Valid values — Not applicable • Default values — Not applicable	No
ParentLocationID	Root	Integer	ID of the parent location of the location. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetListOfBoxes_Output>
    <Option>NGRM_GetListOfBoxes</Option>
    <Status>0</Status>
    <NoOfBoxesFetched>2</NoOfBoxesFetched>
    <Boxes>
        <Box>
            <BoxID>2</BoxID>
            <BoxName>box12</BoxName>
            <Comment>for testing</Comment>
            <BarCode>1234</BarCode>
            <OwnerIndex>1</OwnerIndex>
            <Owner></Owner>
            <CreationDateTime>2011-09-07 15:18:29.06</CreationDateTime>
            <RevisedDateTime>2011-09-07 15:18:29.06</RevisedDateTime>
            <AccessDateTime>2012-04-17 12:42:14.843</AccessDateTime>
            <ParentLocationID>19</ParentLocationID>
            <ParentLocationName></ParentLocationName>
            <BoxOwnerGroupID>0</BoxOwnerGroupID>
            <BoxOwnerGroupName></BoxOwnerGroupName>
            <BoxOwnerRoleID>0</BoxOwnerRoleID>
            <BoxOwnerRoleName></BoxOwnerRoleName>
            <BoxAuthority>0</BoxAuthority>
            <BoxCurrentBorrower></BoxCurrentBorrower>
            <BoxReturnDate></BoxReturnDate>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxTransferNoteID>0</BoxTransferNoteID>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxCapacity>0</BoxCapacity>
            <BoxReceivedDate></BoxReceivedDate>
            <BoxLockedStatus></BoxLockedStatus>
            <BoxLockedByUser></BoxLockedByUser>
            <BoxLockedDateTime></BoxLockedDateTime>
        </Box>
        <Box>
            <BoxID>5</BoxID>
            <BoxName>Box2</BoxName>
            <Comment></Comment>
            <BarCode></BarCode>
            <OwnerIndex>1</OwnerIndex>
            <Owner></Owner>
            <CreationDateTime>2011-09-07 16:32:06.723</CreationDateTime>
            <RevisedDateTime>2011-09-07 16:32:06.723</RevisedDateTime>
            <AccessDateTime>2011-09-07 16:34:01.35</AccessDateTime>
            <ParentLocationID>19</ParentLocationID>
            <ParentLocationName></ParentLocationName>
            <BoxOwnerGroupID>0</BoxOwnerGroupID>
            <BoxOwnerGroupName></BoxOwnerGroupName>
```

```
            <BoxOwnerRoleID>0</BoxOwnerRoleID>
            <BoxOwnerRoleName></BoxOwnerRoleName>
            <BoxAuthority>0</BoxAuthority>
            <BoxCurrentBorrower></BoxCurrentBorrower>
            <BoxReturnDate></BoxReturnDate>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxTransferNoteID>0</BoxTransferNoteID>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxCapacity>0</BoxCapacity>
            <BoxReceivedDate></BoxReceivedDate>
            <BoxLockedStatus></BoxLockedStatus>
            <BoxLockedByUser></BoxLockedByUser>
            <BoxLockedDateTime></BoxLockedDateTime>
        </Box>
    </Boxes>
</NGRM_GetListOfBoxes_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfBoxes* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	0 if call is successful
NoOfBoxesFetched	Root	Total number of boxes fetched
Boxes	Root	Parent Tag for list of boxes
Box	Boxes	Sub Tag for box
BoxID	Box	ID of the box
BoxName	Box	Name of the box
Comment	Box	It is the comment associated with the box
BarCode	Box	It is the bar code which is associated with the box
OwnerIndex	Box	It is the owner id for the box
Owner	Box	It is the owner name for the box
CreationDateTime	Box	It is the creation date time for the box

Parameter	Parent Tag	Description
RevisedDateTime	Box	It is the revision date time for the box
AccessDateTime	Box	It is the accessed date time for the box
ParentLocationID	Box	It is the parent location id for the box
ParentLocationName	Box	It is the parent location name for the box
BoxOwnerGroupID	Box	It is the group owner id for the box
BoxOwnerGroupName	Box	It is the group owner name for the box
BoxOwnerRoleID	Box	It is the role owner id for the box
BoxOwnerRoleName	Box	It is the role owner name for the box
BoxAuthority	Box	It is the disposition authority associated with the box
BoxReturnDate	Box	Return date of box if borrowed
BoxCurrentBorrower	Box	It is the current borrower of the box
BoxTransferStatus	Box	It is the transfer status of box
BoxTransferNoteID	Box	It is transfer note id of box, if it is transferred
BoxCapacity	Box	It is the capacity of the box
BoxReceivedDate	Box	Received date of box if borrowed
BoxLockedStatus	Box	It is the locked status of box
BoxLockedByUser	Box	It is user id by which box is locked
BoxLockedDateTime	Box	It is locked date time of box

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetListOfBoxes* API:

Error Code	Description
-505	Insufficient rights to create class
-507	Box does not exists
-14016	Box is locked

NGRM_MoveBox

This call is used to move box from one location to another.

Sample request

```
<?xml version="1.0"?>
<NGRM_MoveBox_Input>
    <Option>NGRM_MoveBox</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1383954783</UserDBId>
    <LogGeneration>y</LogGeneration>
    <BoxID>2</BoxID>
    <BoxName>box12</BoxName>
    <ParentLocationID>20</ParentLocationID>
    <ParentLocationName></ParentLocationName>
</NGRM_MoveBox_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfBoxes* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
BoxID	Root	String	ID of the box. • Valid values — Not applicable • Default values — Not applicable	Yes
BoxName	Root	String	It is the box name that has to be created. • Valid values — Not applicable • Default values — Not applicable	Yes
ParentLocationID	Root	String	It is the parent location ID for the new box. • Valid values — Not applicable • Default values — Not applicable	Yes
ParentLocationName	Root	String	Name of the location to which the box is moved. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_MoveBox_Output>
    <Option>NGRM_MoveBox</Option>
    <Status>0</Status>
    <BoxName></BoxName>
</NGRM_MoveBox_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfBoxes* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	0 if call is successful

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetListOfBoxes* API:

Error Code	Description
-505	Insufficient rights to create class
-507	Box does not exists
-14016	Box is locked

NGRM_LockUnlockBox

This call is used to hold/Unhold box.

Sample request

```
<?xml version="1.0"?>
<NGRM_LockUnlockBox_Input>
    <Option>NGRM_LockUnlockBox</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>1138215137</UserDBId>
```

```
    <LogGeneration>y</LogGeneration>
    <BoxID>6</BoxID>
    <LockStatus>U</LockStatus>
    <LockedByUser>1</LockedByUser>
</NGRM_LockUnlockBox_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_MoveBox* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	A unique option for the call. • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
BoxID	Root	String	ID of the box. • Valid values — Not applicable • Default values — Not applicable	Yes
LockedStatus	Root	String	Specify the status • Valid values — 'L'-Hold, 'U'-unhold • Default values — Not applicable	Yes
LockedByUser	Root	String	Id of the user who did the operation • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_LockUnlockBox_Output>
    <Option>NGRM_LockUnlockBox</Option>
    <Status>0</Status>
    <BoxID>6</BoxID>
```

```
    <LockStatus>U</LockStatus>
    <LockedByUser>1</LockedByUser>
</NGRM_LockUnlockBox_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_MoveBox* API:

Parameter	Parent Tag	Description
Option	Root	Unique option for the call
Status	Root	0 if call is successful
BoxID	Root	ID of the box
LockedStatus	Root	'L'-Hold, 'U'-unhold
LockedByUser	Root	Id of the user who did the operation

Errors and warnings

The following table describes the error codes and description of the *NGRM_MoveBox* API:

Error Code	Description
-505	Insufficient rights to create a class
-14009	Box not with the user, it is borrowed

NGRM_SearchBox

This call is used to search on box.

Sample request

```
<?xml version="1.0"?>
<NGRM_SearchBox_Input>
    <Option>NGRM_SearchBox</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>1138215137</UserDBId>
    <LogGeneration>y</LogGeneration>
    <SearchText>nara</SearchText>
    <StartFrom>1</StartFrom>
    <OrderBy>2</OrderBy>
    <SortOrder>A</SortOrder>
    <NoOfRecordsToFetch>50</NoOfRecordsToFetch>
</NGRM_SearchBox_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SearchBox* API:

Parameter	Parent Tag	Parameter Type	Description	Ma
Option	Root	String	A unique option for the call • Valid values — A unique option for the call • Default values — Not applicable	Ye
CabinetName	Root	String	Name of the cabinet to which the user wants to connect • Valid values — Not applicable • Default values — Not applicable	Ye
UserDBId	Root	Integer	UserDatabase ID which is returned in the NGRM_SearchBox call • Valid values — Not applicable • Default values — Not applicable	Ye
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for no • Default values — Not applicable	No
SearchUID	Root	Integer	Search Criteria • Valid values — Not applicable • Default values — Not applicable	Ye
LookInFolder	Root	Integer	Look in a folder to search for a particular folder • Valid values — Not applicable • Default values — Not applicable	Ye
StartFrom	Root	String	Start from value • Valid values — Not applicable • Default values — Not applicable	Ye
SortOrder	Root	String	Ordering of sorting • Valid values — A for ascending and D for descending • Default values — Not applicable	Ye
OrderBy	Root	Integer	Filed on which the ordering is required • Valid values — 2 for names and 1 for index • Default values — Not applicable	Ye
NoOfRecordsToFetch	Root	Integer	No. of item to fetch • Valid values — Not applicable • Default values — Not applicable	Ye

Sample response

```
<NGRM_SearchBox_Output>
    <Option>NGRM_SearchBox</Option>
    <Status>0</Status>
    <NoOfBoxesFetched>2</NoOfBoxesFetched>
    <TotalNumberOfBoxes>2</TotalNumberOfBoxes>
    <Boxes>
        <Box>
            <BoxID>2</BoxID>
            <BoxName>box12</BoxName>
            <Comment>for testing</Comment>
            <BarCode>1234</BarCode>
            <OwnerIndex>1</OwnerIndex>
            <Owner></Owner>
            <CreationDateTime>2011-09-07 15:18:29.06</CreationDateTime>
            <RevisedDateTime>2011-09-07 15:18:29.06</RevisedDateTime>
            <AccessDateTime>2012-04-17 12:42:14.843</AccessDateTime>
            <ParentLocationID>19</ParentLocationID>
            <ParentLocationName></ParentLocationName>
            <BoxOwnerGroupID>0</BoxOwnerGroupID>
            <BoxOwnerGroupName></BoxOwnerGroupName>
            <BoxOwnerRoleID>0</BoxOwnerRoleID>
            <BoxOwnerRoleName></BoxOwnerRoleName>
            <BoxAuthority>0</BoxAuthority>
            <BoxCurrentBorrower></BoxCurrentBorrower>
            <BoxReturnDate></BoxReturnDate>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxTransferNoteID>0</BoxTransferNoteID>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxCapacity>0</BoxCapacity>
            <BoxReceivedDate></BoxReceivedDate>
            <BoxLockedStatus></BoxLockedStatus>
            <BoxLockedByUser></BoxLockedByUser>
            <BoxLockedDateTime></BoxLockedDateTime>
        </Box>
        <Box>
            <BoxID>5</BoxID>
            <BoxName>Box2</BoxName>
            <Comment></Comment>
            <BarCode></BarCode>
            <OwnerIndex>1</OwnerIndex>
            <Owner></Owner>
            <CreationDateTime>2011-09-07 16:32:06.723</CreationDateTime>
            <RevisedDateTime>2011-09-07 16:32:06.723</RevisedDateTime>
            <AccessDateTime>2011-09-07 16:34:01.35</AccessDateTime>
            <ParentLocationID>19</ParentLocationID>
            <ParentLocationName></ParentLocationName>
            <BoxOwnerGroupID>0</BoxOwnerGroupID>
```

```
            <BoxOwnerGroupName></BoxOwnerGroupName>
            <BoxOwnerRoleID>0</BoxOwnerRoleID>
            <BoxOwnerRoleName></BoxOwnerRoleName>
            <BoxAuthority>0</BoxAuthority>
            <BoxCurrentBorrower></BoxCurrentBorrower>
            <BoxReturnDate></BoxReturnDate>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxTransferNoteID>0</BoxTransferNoteID>
            <BoxTransferStatus></BoxTransferStatus>
            <BoxCapacity>0</BoxCapacity>
            <BoxReceivedDate></BoxReceivedDate>
            <BoxLockedStatus></BoxLockedStatus>
            <BoxLockedByUser></BoxLockedByUser>
            <BoxLockedDateTime></BoxLockedDateTime>
        </Box>
    </Boxes>
</NGRM_SearchBox_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SearchBox* API:

Parameter	Parent Tag	Description
Option	Root	Unique option for the call
Status	Root	0 if the call is successful
NoOfBoxesFetched	Root	Total number of boxes fetched
Boxes	Root	Parent Tag for list of boxes
Box	Boxes	Sub Tag for box
BoxID	Box	The ID of the box
BoxName	Box	Name of the box
Comment	Box	It is the comment associated with the box.
BarCode	Box	It is the bar code which is associated with the box
OwnerIndex	Box	It is the owner ID for the box
Owner	Box	It is the owner's name for the box
CreationDateTime	Box	It is the creation date time for the box

Parameter	Parent Tag	Description
RevisedDateTime	Box	It is the revision date time for the box
AccessDateTime	Box	It is the accessed date time for the box
ParentLocationID	Box	It is the parent location id for the box
ParentLocationName	Box	It is the parent location name for the box
BoxOwnerGroupID	Box	It is the group owner id for the box
BoxOwnerGroupName	Box	It is the group owner name for the box
BoxOwnerRoleID	Box	It is the role owner id for the box
BoxOwnerRoleName	Box	It is the role owner name for the box
BoxAuthority	Box	It is the disposition authority associated with the box
BoxReturnDate	Box	Return date of box if borrowed
BoxCurrentBorrower	Box	It is the current borrower of the box
BoxTransferStatus	Box	It is the transfer status of box
BoxTransferNoteID	Box	It is transfer note id of box, if it is transferred
BoxCapacity	Box	It is the capacity of the box
BoxReceivedDate	Box	Received date of box if borrowed
BoxLockedStatus	Box	It is the locked status of box
BoxLockedByUser	Box	It is user id by which box is locked
BoxLockedDateTime	Box	It is locked date time of box

Errors and warnings

The following table describes the error codes and description of the *NGRM_SearchBox* API:

Error Code	Description
-14015	Box Search Failed

CutOff Rule

The CutOff Rule consists of the following APIs:

NGRM_CreateCRRule

This call is used to create cutoffrollrule.

Sample request

```
<?xml version="1.0"?>

  <NGRM_CreateCRRule_Input>
    <Option>NGRM_CreateCRRule</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <CutOffRollOver>
      <CutOffRollRuleName>daz</CutOffRollRuleName>
      <Comment>axdaa</Comment>
      <ActionType>C</ActionType>
      <CRRuleType>T</CRRuleType>
      <AggregationLevel>P</AggregationLevel>
      <Conditions>
        <Condition>
          <Operand_1>0</Operand_1>
          <Operator_1>2</Operator_1>
          <Operand_1Name>CURRENT_DATE</Operand_1Name>
          <Operand_2>7</Operand_2>
          <Operator_2>4</Operator_2>
          <Operand_2Name>FILE_PART_CREATED_DATE</Operand_2Name>
          <Operand_3>2</Operand_3>
          <Operand_3Name>5</Operand_3Name>
          <JoinCondition>0</JoinCondition>
        </Condition>
      </Conditions>
    </CutOffRollOver>
  </NGRM_CreateCRRule_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateCRRule* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	It refers to the case-sensitive call name. • Valid values — Call Name which is case sensitive. • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	Integer	It is the login user's session ID. • Valid values — Not applicable • Default values — Not applicable	Yes
CutOffRollRuleName	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
Comment	CutOffRollOver	String	Name of the cutoff rule to be created. • Valid values — Not applicable • Default values — Not applicable	Yes
ActionType	CutOffRollOver	String	The comment associated with this rule. • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
CRRuleType	CutOffRollOver	String	Cutoff or not to cutoff • Valid values — C for cutoff and D for donot cutoff • Default values — Not applicable	Yes
AggregationLevel	CutOffRollOver	String	Whether rule is event based, time based or both • Valid values — T for time-based, E for event-based and B for Both • Default values — Not applicable	Yes
Operand_1	CutOffRollOver	String	Aggregation level of rule. • Valid values —R for record and P for folder • Default values — Not applicable	Yes
Operator_1	Condition	Parent Tag	First operand in join condition • Valid values — 0 for current date and 1 for the number of records • Default values — Not applicable	No
Operand_1Name	Condition	integer	First operator • Valid values — 2for = , 1 for > and 3 for >= • Default values — Not applicable	No
Operand_2	Condition	String	Name of operand • Valid values — Current date or number of records • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Operator_2	Condition	String	Second operandValid values — • 7 for FILE_PART_CREATED_DATE, • 8 for FILE_PART_ACCESSED_DATE, • 9 FILE_PART_REVISED_DATE , • 11 FILE_PART_OPEN_DATE, • 12 EVERY_START_OF_WEEK, • 13 EVERY_START_OF_MONTH, • 14EVERY_START_OF_YEAR, • 54 FISCAL_YEAR_END, • 56 FOR FIRST_QUARTER, • 57 FOR SECOND_QUARTER, • 58 FOR THITD_QUARTER, • 59 FOR FOURTH_QUARTER • Default values — N/A	No
Operand_2Name	Condition	String	Second operator • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Operand_3	Condition	String	Name of second operand Valid values — • 7 for FILE_PART_CREATED_DATE • 8 for FILE_PART_ACCESSED_DATE, • 9 FILE_PART_REVISED_DATE , • 11 FILE_PART_OPEN_DATE, • 12 EVERY_START_OF_WEEK, • 13EVERY_START_OF_MONTH, • 14EVERY_START_OF_YEAR, • 54 FISCAL_YEAR_END, • 56 FOR FIRST_QUARTER, • 57 FOR SECOND_QUARTER, • 58 FOR THITD_QUARTER, • 59 FOR FOURTH_QUARTER • Default values — Not applicable	No
Operand_3Name	Condition	String	Third operand • Valid values — 2 for INTEGER_CONSTANT • Default values — Not applicable	No
JoinCondition	Condition	String	Join condition in rule creation. • Valid values — 0 for NONE, 1 for AND and 2 for OR • Default values — Not applicable	No

Sample response

```
<NGRM_CreateCRRule_Output>

  <Option>NGRM_CreateCRRule</Option>
  <Status>0</Status>
  <CutOffRollOver>
    <CutOffRollOverID>58</CutOffRollOverID>
    <CutOffRollRuleName>daz</CutOffRollRuleName>
    <Comment>axdaa</Comment>
    <ActionType>C</ActionType>
    <RuleID>165</RuleID>
    <CRRuleType>T</CRRuleType>
    <AggregationLevel>P</AggregationLevel>
    <Conditions>
      <Condition>
        <ConditionID>169</ConditionID>
        <Operand_1>0</Operand_1>
        <Operand_1Name>CURRENT_DATE</Operand_1Name>
        <Operator_1>2</Operator_1>
        <Operand_2>7</Operand_2>
        <Operand_2Name>FILE_PART_CREATED_DATE</Operand_2Name>
        <Operator_2>4</Operator_2>
        <Operand_3>2</Operand_3>
        <Operand_3Name>5</Operand_3Name>
        <JoinCondition>0</JoinCondition>
      </Condition>
    </Conditions>
  </CutOffRollOver>
</NGRM_CreateCRRule_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateCRRule* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
CutOffRollOverID	CutOffRollOver	Id of the cutoffrule created
CutOffRollRuleName	CutOffRollOver	Name of the rule created
Comment	CutOffRollOver	Comment associated with this rule
ActionType	CutOffRollOver	Cutoff or not to cutoff
RuleID	CutOffRollOver	Id of the rule
CRRuleType	CutOffRollOver	Whether rule is event based, time based or both
AggregationLevel	CutOffRollOver	Aggregation level of rule
Condition	Conditions	
Operand_1	Condition	First operand in join condition
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

NGRM_DeleteCRRule

This call is used to delete cutoffroll rule.

Sample request

```
<?xml version="1.0"?>

  <NGRM_DeleteCRRule_Input>
    <Option>NGRM_DeleteCRRule</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <CutOffRollOver>
      <CutOffRollOverID>54</CutOffRollOverID>
    </CutOffRollOver>
  </NGRM_DeleteCRRule_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteCRRule* API:

Parameter	Parent Tag	Paramter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call	Yes

Parameter	Parent Tag	Paramter Type	Description	Mandatory
			• Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
CutOffRollOverID	CutOffRollOver	Integer	Id of the cutoffrule created • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_DeleteCRRule_Output>
    <Option>NGRM_DeleteCRRule</Option>
    <Status>0</Status>
</NGRM_DeleteCRRule_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteCRRule* API:

Parameter	Parent Tag	Description
Status	Root	Status returned for the Call

Errors and warnings

The following table describes the error codes and description of the *NGRM_DeleteCRRule* API:

Error Code	Description
-501	Database error
-505	No Rights for the current operation.

NGRM_GetCRRuleProperties

This call is used to fetch properties of a cutoffroll rule.

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetCRRuleProperties_Input>
    <Option>NGRM_GetCRRuleProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <CutOffRollOver>
      <CutOffRollOverID>56</CutOffRollOverID>
    </CutOffRollOver>
  </NGRM_GetCRRuleProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetCRRuleProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Not applicable • Default values — Not applicable	No
CutOffRollOverID	CutOffRollOver	String	Id of the cutoffrule created • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetCRRuleProperties_Output>
    <Option>NGRM_GetCRRuleProperties</Option>
    <Status>0</Status>
    <CutOffRollOver>
        <CutOffRollOverID>56</CutOffRollOverID>
        <CutOffRollRuleName>0000456546_change</CutOffRollRuleName>
        <Comment>efgdfg</Comment>
        <ActionType>C</ActionType>
        <RuleID>155</RuleID>
        <CRRuleType>T</CRRuleType>
        <AggregationLevel>R</AggregationLevel>
        <Conditions>
            <Condition>
                <ConditionID>162</ConditionID>
                <Operand_1>0</Operand_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operator_1>2</Operator_1>
```

```
                <Operand_2>48</Operand_2>
                <Operand_2Name>R_CreatedDateTime</Operand_2Name>
                <Operator_2>4</Operator_2>
                <Operand_3>2</Operand_3>
                <Operand_3Name>123</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </CutOffRollOver>
</NGRM_GetCRRuleProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetCRRuleProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
CutOffRollOverID	CutOffRollOver	Id of the cutoffrule created
CutOffRollRuleName	CutOffRollOver	Name of the rule created
Comment	CutOffRollOver	Comment associated with this rule
ActionType	CutOffRollOver	Cutoff or not to cutoff
RuleID	CutOffRollOver	Id of the rule
CRRuleType	CutOffRollOver	Whether rule is event based, time based or both
AggregationLevel	CutOffRollOver	Aggregation level of rule.
Condition	Conditions	Condition
Operand_1	Condition	First operand in join condition
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetCRRuleProperties* API:

Error Code	Description
-501	Database error
-4002	Rule does not exist

NGRM_GetCRRuleList

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetCRRuleProperties_Input>
    <Option>NGRM_GetCRRuleProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <CutOffRollOver>
      <CutOffRollOverID>56</CutOffRollOverID>
    </CutOffRollOver>
  </NGRM_GetCRRuleProperties_Input>
```

Request parameter description

Sample response

```
<NGRM_GetCRRuleProperties_Output>

  <Option>NGRM_GetCRRuleProperties</Option>
  <Status>0</Status>
  <CutOffRollOver>
    <CutOffRollOverID>56</CutOffRollOverID>
    <CutOffRollRuleName>0000456546_change</CutOffRollRuleName>
```

```
    <Comment>efgdfg</Comment>
    <ActionType>C</ActionType>
    <RuleID>155</RuleID>
    <CRRuleType>T</CRRuleType>
    <AggregationLevel>R</AggregationLevel>
    <Conditions>
      <Condition>
        <ConditionID>162</ConditionID>
        <Operand_1>0</Operand_1>
        <Operand_1Name>CURRENT_DATE</Operand_1Name>
        <Operator_1>2</Operator_1>
        <Operand_2>48</Operand_2>
        <Operand_2Name>R_CreatedDateTime</Operand_2Name>
        <Operator_2>4</Operator_2>
        <Operand_3>2</Operand_3>
        <Operand_3Name>123</Operand_3Name>
        <JoinCondition>0</JoinCondition>
      </Condition>
    </Conditions>
  </CutOffRollOver>
</NGRM_GetCRRuleProperties_Output>
```

Response parameter description

Errors and warnings

NGRM_SetCRRuleProperties

This call is used to change the properties of a cutoffroll rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetCRRuleProperties_Input>
    <Option>NGRM_SetCRRuleProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <CutOffRollOver>
```

```
        <CutOffRollOverID>40</CutOffRollOverID>
        <CutOffRollRuleName>000test_1_F</CutOffRollRuleName>
        <Comment>ssqsaq</Comment>
        <ActionType>C</ActionType>
        <CRRuleType>T</CRRuleType>
        <AggregationLevel>P</AggregationLevel>
        <RuleID>128</RuleID>
        <Conditions>
            <Condition>
                <Operand_1>0</Operand_1>
                <Operator_1>2</Operator_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operand_2>7</Operand_2>
                <Operator_2>4</Operator_2>
                <Operand_2Name>FP_CreatedDate</Operand_2Name>
                <Operand_3>2</Operand_3>
                <Operand_3Name>5</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </CutOffRollOver>
</NGRM_SetCRRuleProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetCRRuleProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	It refers to the case-sensitive call name. • Valid values — Call Name which is case sensitive. • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
UserDBId	Root	Integer	It is the session id of the login user. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	Integer	It is the login user's session ID. • Valid values — Not applicable • Default values — Not applicable	No
CutOffRollRuleName	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
Comment	CutOffRollOver	String	Name of the cutoff rule to be created. • Valid values — Not applicable • Default values — Not applicable	Yes
ActionType	CutOffRollOver	String	The comment associated with this rule. • Valid values — Not applicable • Default values — Not applicable	Yes
CRRuleType	CutOffRollOver	String	Cutoff or not to cutoff • Valid values — C for cutoff and D for donot cutoff • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
AggregationLevel	CutOffRollOver	String	Whether rule is event based, time based or both • Valid values — T for time-based, E for event-based and B for Both • Default values — Not applicable	
Operand_1	CutOffRollOver	Integer	Aggregation level of rule. • Valid values —R for record and P for folder • Default values — Not applicable	No
Operator_1	Condition	Integer	First operand in join condition • Valid values — 0 for current date and 1 for the number of records • Default values — Not applicable	No
Operand_1Name	Condition	Integer	First operator • Valid values — 2for = , 1 for > and 3 for >= • Default values — Not applicable	No
Operand_2	Condition	Integer	Name of operand • Valid values — Current date or number of records • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Operator_2	Condition	Integer	Second operandValid values — • 7 for FILE_PART_CREATED_DATE, • 8 for FILE_PART_ACCESSED_DATE, • 9 FILE_PART_REVISED_DATE , • 11 FILE_PART_OPEN_DATE, • 12 EVERY_START_OF_WEEK, • 13 EVERY_START_OF_MONTH, • 14EVERY_START_OF_YEAR, • 54 FISCAL_YEAR_END, • 56 FOR FIRST_QUARTER, • 57 FOR SECOND_QUARTER, • 58 FOR THITD_QUARTER, • 59 FOR FOURTH_QUARTER • Default values — N/A	No
Operand_2Name	Condition	Integer	Second operator • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Operand_3	Condition	Integer	Name of second operand Valid values — • 7 for FILE_PART_CREATED_DATE • 8 for FILE_PART_ACCESSED_DATE, • 9 FILE_PART_REVISED_DATE , • 11 FILE_PART_OPEN_DATE, • 12 EVERY_START_OF_WEEK, • 13EVERY_START_OF_MONTH, • 14EVERY_START_OF_YEAR, • 54 FISCAL_YEAR_END, • 56 FOR FIRST_QUARTER, • 57 FOR SECOND_QUARTER, • 58 FOR THITD_QUARTER, • 59 FOR FOURTH_QUARTER • Default values — Not applicable	No
Operand_3Name	Condition	Integer	Third operand • Valid values — 2 for INTEGER_CONSTANT • Default values — Not applicable	No
JoinCondition	Condition	Integer	Join condition in rule creation. • Valid values — 0 for NONE, 1 for AND and 2 for OR • Default values — Not applicable	No

Sample response

```
<NGRM_SetCRRuleProperties_Output>
    <Option>NGRM_SetCRRuleProperties</Option>
    <Status>0</Status>
```

```
    <CutOffRollOver>
        <CutOffRollOverID>40</CutOffRollOverID>
        <CutOffRollRuleName>000test_1_F</CutOffRollRuleName>
        <Comment>ssqsaq</Comment>
        <ActionType>C</ActionType>
        <RuleID>128</RuleID>
        <CRRuleType>T</CRRuleType>
        <AggregationLevel>P</AggregationLevel>
        <Conditions>
            <Condition>
                <ConditionID>170</ConditionID>
                <Operand_1>0</Operand_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operator_1>2</Operator_1>
                <Operand_2>7</Operand_2>
                <Operand_2Name>FP_CreatedDate</Operand_2Name>
                <Operator_2>4</Operator_2>
                <Operand_3>2</Operand_3>
                <Operand_3Name>5</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </CutOffRollOver>
</NGRM_SetCRRuleProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetCRRuleProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
CutOffRollOverID	CutOffRollOver	Id of the cutoffrule created
CutOffRollRuleName	CutOffRollOver	Name of the rule created
Comment	CutOffRollOver	Comment associated with this rule
ActionType	CutOffRollOver	Cutoff or not to cutoff
RuleID	CutOffRollOver	Id of the rule
CRRuleType	CutOffRollOver	Whether rule is event based, time based or both
AggregationLevel	CutOffRollOver	Aggregation level of rule
Condition	Conditions	
Operand_1	Condition	First operand in join condition
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

The following table describes the error codes and description of the *NGRM_SetCRRuleProperties* API:

Error Code	Description
-501	Database error
-4002	Rule does not exist

NGRM_GetListOfCRRules

This call is used to get list of cutoffroll rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfCRRules_Input>
    <Option>NGRM_GetListOfCRRules</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <RuleDetailsFlag>n</RuleDetailsFlag>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
</NGRM_GetListOfCRRules_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfCRRules* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	User database ID, which is returned in the ngoconnectcabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y for yes and N for No • Default values — Not applicable	No
FetchCount	Root	String	Number of results to fetch at a time. • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
SortOrder	Root	Integer	Order of sorting. • Valid values — A for ascending or D for descending • Default values — Not applicable	Yes
OrderBy	Root	String	Field on which sorting is required. • Valid values — Not applicable • Default values — Not applicable	Yes
RuleDetailsFlag	Root	String	Flag indicating whether rule detail is required or not. • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
PreviousIndex	Root	Integer	Index of the previous rule. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LastSortField	Root	String	Field on which last sorting was performed • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetListOfCRRules_Output>
    <Option>NGRM_GetListOfCRRules</Option>
    <Status>0</Status>
    <NoOfCRRulesFetched>6</NoOfCRRulesFetched>
    <CRRules>
        <CutOffRollOver>
            <CutOffRollOverID>56</CutOffRollOverID>
            <CutOffRollRuleName>0000456546_change</CutOffRollRuleName>
            <Comment>efgdfg</Comment>
            <ActionType>C</ActionType>
            <RuleID>155</RuleID>
            <CRRuleType>T</CRRuleType>
            <AggregationLevel>R</AggregationLevel>
            <Conditions></Conditions>
        </CutOffRollOver>
        <CutOffRollOver>
            <CutOffRollOverID>55</CutOffRollOverID>
            <CutOffRollRuleName>0000degfdfgd</CutOffRollRuleName>
            <Comment>dfgdfgdfgh</Comment>
            <ActionType>C</ActionType>
            <RuleID>154</RuleID>
            <CRRuleType>E</CRRuleType>
            <AggregationLevel>P</AggregationLevel>
            <Conditions></Conditions>
        </CutOffRollOver>
        <CutOffRollOver>
            <CutOffRollOverID>57</CutOffRollOverID>
            <CutOffRollRuleName>0000fghfhgfg</CutOffRollRuleName>
            <Comment>ghfghfgh</Comment>
            <ActionType>C</ActionType>
            <RuleID>156</RuleID>
```

```
            <CRRuleType>E</CRRuleType>
            <AggregationLevel>P</AggregationLevel>
            <Conditions></Conditions>
        </CutOffRollOver>
        <CutOffRollOver>
            <CutOffRollOverID>40</CutOffRollOverID>
            <CutOffRollRuleName>000test_1_F</CutOffRollRuleName>
            <Comment></Comment>
            <ActionType>C</ActionType>
            <RuleID>128</RuleID>
            <CRRuleType>T</CRRuleType>
            <AggregationLevel>P</AggregationLevel>
            <Conditions></Conditions>
        </CutOffRollOver>
        <CutOffRollOver>
            <CutOffRollOverID>42</CutOffRollOverID>
            <CutOffRollRuleName>00test_2_F</CutOffRollRuleName>
            <Comment></Comment>
            <ActionType>C</ActionType>
            <RuleID>136</RuleID>
            <CRRuleType>T</CRRuleType>
            <AggregationLevel>P</AggregationLevel>
            <Conditions></Conditions>
        </CutOffRollOver>
    </CRRules>
</NGRM_GetListOfCRRules_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfCRRules* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
Noofcrrulesfetched	Root	Total number of rules fetched
Cutoffrolloverid	Cutoffrollover	Id of the cutoffrule created
Cutoffrollrulename	Cutoffrollover	Name of the cutoff rule
Comment	Cutoffrollover	Comment associated with this rule
Actiontype	Cutoffrollover	Cutoff or not to cutoff
Ruleid	Cutoffrollover	Id of the rule
Crruletype	Cutoffrollover	Whether rule is event based, time based or both
Aggregationlevel	Cutoffrollover	Aggregation level of rule

Errors and warnings

NGRM_IsReadyForCutOff

The API checks if the folder is ready for cutoff or not.

Sample request

```
<?xml version="1.0"?>
<NGRM_IsReadyForCutOff_Input>
    <Option>NGRM_IsReadyForCutOff</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FolderIndex>124</FolderIndex>
    <CurrentDateTime>2012-02-22 00:00:00.0</CurrentDateTime>
</NGRM_IsReadyForCutOff_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_IsReadyForCutOff* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Not applicable • Default values — Not applicable	No
FolderID	Root	String	Id of the folder • Valid values — Not applicable • Default values — Not applicable	Yes
CurrentDateTime	Root	String	Current date and time • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_IsReadyForCutOff_Output>
    <Option>NGRM_IsReadyForCutOff</Option>
    <CabinetName>testdod</CabinetName>
    <Status>0</Status>
```

```
    <FolderIndex>124</FolderIndex>
    <IsReady>Y</IsReady>
    <CurrentDateTime>2012-02-22 00:00:00.0</CurrentDateTime>
</NGRM_IsReadyForCutOff_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_IsReadyForCutOff* API:

Parameter	Parent Tag	Description
Option	Unique option for the call	Root
CabinetName	Name of the Cabinet to which the user wants to connect	Root
Status	0 if the call is successful	Root
FolderID	ID of the Folder	Root
IsReady	Y if ready or N if not	Root
CurrentDateTime	Current date and time	Root

Errors and warnings

The following table describes the error codes and description of the *NGRM_IsReadyForCutOff* API:

Error Code	Description
-501	Database error
-502	Server error

NGRM_GetEventProperties

This call is used to get event properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetEventProperties_Input>
    <Option>NGRM_GetEventProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <EventId>108</EventId>
</NGRM_GetEventProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetEventProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	Userdatabase ID, which is returned in the ngoconnectcabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
EventId	Root	Integer	Id of the event whose property is to be fetched • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetEventProperties_Output>
    <Option>NGRM_GetEventProperties</Option>
    <Status>0</Status>
    <Event>
        <EventId>108</EventId>
        <EventName>26_event</EventName>
        <EventDescription></EventDescription>
        <EventAggregationLevel>P</EventAggregationLevel>
        <EventType>U</EventType>
        <ObjectType>P</ObjectType>
        <ObjectId>0</ObjectId>
        <PropertyId>0</PropertyId>
        <PropertyName>BarCode</PropertyName>
        <EventCondition>28</EventCondition>
        <EventOperandValue>123</EventOperandValue>
    </Event>
</NGRM_GetEventProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetEventProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
EventId	Event	Id of the event whose property is to be fetched
EventName	Event	Name of the event
EventDescription	Event	Comment associated with the event
EventAggregationLevel	Event	Aggregation level of event
EventType	Event	Whether event is user defined or system defined
ObjectType	Event	Object type of the event
ObjectId	Event	Id of the object
PropertyId	Event	Id of the property associated with the event
PropertyName	Event	Name of the property associated with this event
EventCondition	Event	Conditions on event
EventOperandValue	Event	Value of event operand

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetEventProperties* API:

Error Code	Description
-501	Database error
-502	Server error

NGRM_CreateEvent

This call is used to create an event.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateEvent_Input>
    <Option>NGRM_CreateEvent</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Conditions>
        <Condition>
            <EventId>0</EventId>
            <EventName>gvd</EventName>
            <EventDescription>fvxf</EventDescription>
            <EventAggregationLevel>R</EventAggregationLevel>
            <EventType>U</EventType>
            <ObjectType>R</ObjectType>
            <ObjectId>0</ObjectId>
            <PropertyId>0</PropertyId>
            <PropertyName>PermRecIndicator</PropertyName>
            <EventOperandValue>Y</EventOperandValue>
            <EventCondition>28</EventCondition>
            <JoinCondition>0</JoinCondition>
        </Condition>
    </Conditions>
</NGRM_CreateEvent_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateEvent* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the call • Valid values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			• Default values — Not applicable	
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	Userdatabase ID, which is returned in the ngoconnectcabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	Integer	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
Condition	Conditions	String	Condition • Valid values — Not applicable • Default values — Not applicable	Yes
EventId	Condition	Integer	Id of the event created • Valid values — Not applicable • Default values — Not applicable	Yes
EventName	Condition	String	Name of the event • Valid values — Not applicable • Default values — Not applicable	Yes
EventDescription	Condition	String	Comment associated with the event • Valid values — Not applicable • Default values — Not applicable	Yes
Event AggregationLevel	Condition	String	Aggregation level of event • Valid values — ◦ R — record ◦ P — folder • Default values — Not applicable	Yes
EventType	Condition	String	Whether event is user defined or system defined • Valid values — ◦ U — user defined	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			◦ S — system defined • Default values — Not applicable	
ObjectType	Condition	String	Object type of the event • Valid values — ◦ R — Record ◦ T — DataClass ◦ G — Global Index ◦ P — FilePlan ◦ F — Folder ◦ D — Document • Default values — Not applicable	Yes
ObjectId	Condition	String	Id of the object • Valid values — 0 or 1 • Default values — Not applicable	Yes
PropertyId	Condition	String	Id of the property associated with the event • Valid values — Not applicable • Default values — Not applicable	Yes
PropertyName	Condition	String	Name of the property associated with this event • Valid values — Not applicable • Default values — Not applicable	Yes
EventCondition	Condition	Integer	Conditions on event • Valid values — Not applicable • Default values — Not applicable	Yes
Event OperandValue	Condition	String	Value of event operand • Valid values — Y • Default values — Not applicable	Yes
JoinCondition	Condition	String	Join condition in rule creation • Valid values — 0 for NONE, 1 for AND, and 2 for OR • Default values — Not applicable	Yes

Sample response

```
<NGRM_CreateEvent_Output>
    <Option>NGRM_CreateEvent</Option>
    <Status>0</Status>
    <Conditions>
        <Condition>
            <EventId>115</EventId>
            <EventName>gvd</EventName>
            <EventDescription>fvxf</EventDescription>
            <EventAggregationLevel>R</EventAggregationLevel>
            <EventType>U</EventType>
            <ObjectType>R</ObjectType>
            <ObjectId>0</ObjectId>
            <PropertyId>0</PropertyId>
            <PropertyName>PermRecIndicator</PropertyName>
            <EventCondition>28</EventCondition>
            <EventOperandValue>Y</EventOperandValue>
            <JoinCondition>0</JoinCondition>
        </Condition>
    </Conditions>
</NGRM_CreateEvent_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateEvent* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the call
Status	Root	Status returned for the call
Condition	Conditions	
EventId	Condition	Id of the event created
EventName	Condition	Name of the event
EventDescription	Condition	Comment associated with the event
EventAggregationLevel	Condition	Aggregation level of event
EventType	Condition	Whether event is user defined or system defined
ObjectType	Condition	Object type of the event
ObjectId	Condition	Id of the object
PropertyId	Condition	Id of the property associated with the event
PropertyName	Condition	Name of the property associated with this event
EventCondition	Condition	Conditions on event
EventOperandValue	Condition	Value of event operand
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

The following table describes the error codes and description of the *NGRM_CreateEvent* API:

Error Code	Description
-505	No Rights for the current operation
-13071	Event already exists

NGRM_DeleteEvent

This call is used to delete an event.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteEvent_Input>
    <Option>NGRM_DeleteEvent</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <EventId>109</EventId>
</NGRM_DeleteEvent_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteEvent* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	Userdatabase ID, which is returned in the ngoconnectcabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
EventId	Root	Integer	Id of the event created • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_DeleteEvent_Output>
    <Option>NGRM_DeleteEvent</Option>
    <Status>0</Status>
</NGRM_DeleteEvent_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteEvent* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call

Errors and warnings

The following table describes the error codes and description of the NGRM_DeleteEvent API:

Error Code	Description
-501	Database error
-502	Server error

NGRM_GetListOfEvents

This call is used to get list of events.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfEvents_Input>
    <Option>NGRM_GetListOfEvents</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
</NGRM_GetListOfEvents_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfEvents* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	String	User database ID, which is returned in the ngoconnectcabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	Integer	Allows log generation. • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
FetchCount	Root	String	Number of results to fetch at a time. • Valid values — Not applicable • Default values — Not applicable	No
SortOrder	Root	Integer	Order of sorting. • Valid values — A for ascending or D for descending • Default values — Not applicable	Yes
OrderBy	Root	String	Field on which sorting is required. • Valid values — Not applicable • Default values — Not applicable	No
RuleDetailsFlag	Root	String	Flag indicating whether rule detail is required or not. • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
PreviousIndex	Root	Integer	Index of the previous rule. • Valid values — Not applicable • Default values — Not applicable	Yes
LastSortField	Root	String	Field on which last sorting was performed • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetListOfEvents_Output>
    <Option>NGRM_GetListOfEvents</Option>
    <Status>0</Status>
    <NoOfEventsFetched>6</NoOfEventsFetched>
    <Events>
        <Event>
            <EventId>108</EventId>
            <EventName>26_event</EventName>
            <EventDescription></EventDescription>
            <EventAggregationLevel>P</EventAggregationLevel>
            <EventType>U</EventType>
            <ObjectType>P</ObjectType>
            <ObjectId>0</ObjectId>
            <PropertyId>0</PropertyId>
            <PropertyName>BarCode</PropertyName>
            <EventCondition>28</EventCondition>
            <EventOperandValue>123</EventOperandValue>
        </Event>
        <Event>
            <EventId>111</EventId>
            <EventName>bug_event</EventName>
            <EventDescription></EventDescription>
            <EventAggregationLevel>R</EventAggregationLevel>
            <EventType>U</EventType>
            <ObjectType>R</ObjectType>
            <ObjectId>0</ObjectId>
            <PropertyId>0</PropertyId>
            <PropertyName>VitalRecord</PropertyName>
            <EventCondition>28</EventCondition>
            <EventOperandValue>Y</EventOperandValue>
        </Event>
        <Event>
            <EventId>109</EventId>
            <EventName>e1</EventName>
            <EventDescription></EventDescription>
            <EventAggregationLevel>R</EventAggregationLevel>
            <EventType>U</EventType>
            <ObjectType>R</ObjectType>
            <ObjectId>0</ObjectId>
            <PropertyId>0</PropertyId>
            <PropertyName>VitalRecord</PropertyName>
            <EventCondition>28</EventCondition>
            <EventOperandValue>Y</EventOperandValue>
        </Event>
        <Event>
            <EventId>110</EventId>
```

```
            <EventName>e2</EventName>
            <EventDescription></EventDescription>
            <EventAggregationLevel>R</EventAggregationLevel>
            <EventType>U</EventType>
            <ObjectType>R</ObjectType>
            <ObjectId>0</ObjectId>
            <PropertyId>0</PropertyId>
            <PropertyName>VitalRecord</PropertyName>
            <EventCondition>28</EventCondition>
            <EventOperandValue>Y</EventOperandValue>
        </Event>
        <Event>
            <EventId>112</EventId>
            <EventName>e5</EventName>
            <EventDescription>fsf</EventDescription>
            <EventAggregationLevel>R</EventAggregationLevel>
            <EventType>U</EventType>
            <ObjectType>R</ObjectType>
            <ObjectId>0</ObjectId>
            <PropertyId>0</PropertyId>
            <PropertyName>VitalRecord</PropertyName>
            <EventCondition>28</EventCondition>
            <EventOperandValue>Y</EventOperandValue>
        </Event>
    </Events>
</NGRM_GetListOfEvents_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfEvents* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the call
Status	Root	Status returned for the call
NoOfEventsFetched	Root	Number of results to fetch at a time
Event	Events	Event list
EventName	Event	Name of the event
EventDescription	Event	Comment associated with the event
EventAggregationLevel	Event	Aggregation level of event
EventType	Event	Whether event is user defined or system defined
ObjectType	Event	Object type of the event
ObjectId	Event	Id of the object
PropertyId	Event	Id of the property associated with the event
PropertyName	Event	Name of the property associated with this event
EventCondition	Event	Conditions on event
EventOperandValue	Event	Value of event operand

Errors and warnings

The following table describes the error codes and description of the *NGRM_GetListOfEvents* API:

Error Code	Description
-501	Database error
-502	Server error

Retention Rule

The Retention Rule consists of the following APIs:

NGRM_CreateRetentionRule

This call is used to create a retention rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateRetentionRule_Input>
    <Option>NGRM_CreateRetentionRule</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <RetentionRule>
        <RetentionRuleName>dsada</RetentionRuleName>
        <AggregationLevel>P</AggregationLevel>
        <Comment>adada</Comment>
        <PR_Method>S</PR_Method>
        <PR_DeleteMetaData>N</PR_DeleteMetaData>
        <PR_DeleteLog>N</PR_DeleteLog>
        <EM_Method>T</EM_Method>
        <EM_DeleteImages>N</EM_DeleteImages>
        <EM_Deletelog>N</EM_Deletelog>
        <EM_DeleteMetaData>Y</EM_DeleteMetaData>
        <RetRuleType>T</RetRuleType>
        <Conditions>
            <Condition>
                <Operand_1>0</Operand_1>
                <Operator_1>2</Operator_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operand_2>10</Operand_2>
                <Operator_2>4</Operator_2>
                <Operand_2Name>FILE_PART_CLOSE_DATE</Operand_2Name>
                <Operand_3>2</Operand_3>
                <Operand_3Name>10</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </RetentionRule>
</NGRM_CreateRetentionRule_Input>
```

Request parameter description

The following table describes the request parameter of the *NGRM_CreateRetentionRule* API:

Parameter	Parent tag	Data type	Description	Mandato
Option	Root		Unique Option for the call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		User database ID, which is returned in the ngoconnectcabinet call • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — ◦ Y — Yes ◦ N — No • Default values — Not applicable	
RetentionRuleName	RetentionRule		Name of the retention rule • Valid values — Not applicable • Default values — Not applicable	
AggregationLevel	RetentionRule		Aggregation level of rule. • Valid values — ◦ R — Record ◦ P — Folder • Default values — Not applicable	
Comment	RetentionRule		Comment associated with this rule • Valid values — Not applicable • Default values — Not applicable	
PR_Method	RetentionRule		To indicate type of retention rule • Valid values — ◦ I — Interim transfer ◦ S — Event based and time based • Default values — Not applicable	
PR_DeleteMetaData	RetentionRule		Flag to indicate deletion of metadata • Valid values — Not applicable • Y — Yes • N — No	

Sample response

```
<NGRM_CreateRetentionRule_Output>
    <Option>NGRM_CreateRetentionRule</Option>
    <Status>0</Status>
    <RetentionRule>
        <RetentionRuleID>42</RetentionRuleID>
        <RetentionRuleName>dsada</RetentionRuleName>
        <Comment>adada</Comment>
        <PR_Method>S</PR_Method>
        <PR_DeleteMetaData>N</PR_DeleteMetaData>
        <PR_DeleteLog>N</PR_DeleteLog>
        <EM_Method>T</EM_Method>
        <EM_DeleteImages>N</EM_DeleteImages>
        <EM_Deletelog>N</EM_Deletelog>
        <EM_DeleteMetaData>Y</EM_DeleteMetaData>
        <RuleID>166</RuleID>
        <AggregationLevel>P</AggregationLevel>
        <RetentionType>T</RetentionType>
        <Conditions>
            <Condition>
                <ConditionID>171</ConditionID>
                <Operand_1>0</Operand_1>
                <Operand_1Name>CURRENT_DATE</Operand_1Name>
                <Operator_1>2</Operator_1>
                <Operand_2>10</Operand_2>
                <Operand_2Name>FILE_PART_CLOSE_DATE</Operand_2Name>
                <Operator_2>4</Operator_2>
                <Operand_3>2</Operand_3>
                <Operand_3Name>10</Operand_3Name>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </RetentionRule>
</NGRM_CreateRetentionRule_Output>
```

Response parameter description

The following table describes the response parameters of the *NGRM_CreateRetentionRule* API:

Parameter	Parent Tag	Description	
Option	Root	Unique Option for the call	
Status	Root	Status returned for the call	
RetentionRuleID	RetentionRule	Id of the retention rule	
RetentionRuleName	RetentionRule	Name of the retention rule	
Comment	RetentionRule	Comment associated with this rule	
PR_Method	RetentionRule	To indicate the type of retention rule	
PR_DeleteMetaData	RetentionRule	Flag to indicate deletion of metadata	
PR_DeleteLog	RetentionRule	Flag to indicate deletion of log	
EM_Method	RetentionRule	To indicate action to be done on electronic records.	
EM_DeleteImages	RetentionRule	To delete images	
EM_Deletelog	RetentionRule	To delete logs	
EM_DeleteMetaData	RetentionRule	To delete metadata	
RuleID	RetentionRule	Id of the retention rule	
RetRuleType	RetentionRule	Type of retention	
Operand_1	Condition	First operand.	
Operator_1	Condition	First operator	
Operand_1Name	Condition	Name of first operand	
Operand_2	Condition	Second operand	
Operator_2	Condition	Second operator	
Operand_2Name	Condition	Name of second operand	
Operand_3	Condition	Third operand	
Operand_3Name	Condition	Name of the third operand	
JoinCondition	Condition	Join condition in rule creation	

Errors and warnings

NGRM_DeleteRetentionRule

This call is used to delete retention rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteRetentionRule_Input>
    <Option>NGRM_DeleteRetentionRule</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <RetentionRule>
        <RetentionRuleID>42</RetentionRuleID>
    </RetentionRule>
</NGRM_DeleteRetentionRule_Input>
```

Request parameter description

The following table describes the request parameter of the *NGRM_DeleteRetentionRule* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y - Yes or N - No • Default values — Not applicable	Yes
RetentionRuleID	RetentionRule	String	Id of the retention rule. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_DeleteRetentionRule_Output>
    <Option>NGRM_DeleteRetentionRule</Option>
    <Status>0</Status>
</NGRM_DeleteRetentionRule_Output>
```

Response parameters description

The following table describes the response parameters of the *NGRM_DeleteRetentionRule* API:

Parameter	Parent Tag	Description	
Option	Root	Unique Option for the call	
Status	Root	Status returned for the call	

Errors and warnings

NGRM_GetRetentionRuleProperties

This call is used to get retention rule properties.

Sample request

```
<NGRM_GetRetentionRuleProperties_Input>
   <Option>NGRM_GetRetentionRuleProperties</Option>
   <CabinetName>postgrescab</CabinetName>
   <UserDBId>-1071883367</UserDBId>
   <LogGeneration>n</LogGeneration>
   <RetentionRule>
       <RetentionRuleID>2</RetentionRuleID>
   </RetentionRule>
   <Locale>en</Locale>
</NGRM_GetRetentionRuleProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetRetentionRuleProperties* API:

Parameter	Parent tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique option for the call • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent tag	Parameter Type	Description	Mandatory
CabinetName	Root	String	Name of the cabinet to which the user wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Number	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	No
RetentionRuleID	RetentionRule	Number	ID of the retention rule • Valid values — Not applicable • Default values — Not applicable	Yes
RetentionRule	Root	Parent tag	Parent tag • Valid values — Not applicable • Default values — Not applicable	Yes
Locale	Root	Parent tag	Locale • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_GetRetentionRuleProperties_Output>
   <Option>NGRM_GetRetentionRuleProperties</Option>
   <Status>0</Status>
   <RetentionRule>
       <RetentionRuleID>2</RetentionRuleID>
       <RetentionRuleName>purge_image_retention_1234_barcode</RetentionRuleName>
       <Comment>jvjv</Comment>
       <PR_Method>S</PR_Method>
       <PR_DeleteMetaData>N</PR_DeleteMetaData>
       <PR_DeleteLog>N</PR_DeleteLog>
       <EM_Method>T</EM_Method>
```

```
        <EM_DeleteImages>Y</EM_DeleteImages>
        <EM_Deletelog>N</EM_Deletelog>
        <EM_DeleteMetaData>N</EM_DeleteMetaData>
        <RuleID>6</RuleID>
        <AggregationLevel>F</AggregationLevel>
        <DispositionAction>D</DispositionAction>
        <RetentionType>E</RetentionType>
        <RetentionSchedule>null</RetentionSchedule>
        <RetentionScheduleId>0</RetentionScheduleId>
        <DispositionStatusId>6</DispositionStatusId>
        <DispositionStatus>Current</DispositionStatus>
        <RetentionSeries>A</RetentionSeries>
        <Instruction></Instruction>
        <Conditions>
            <Condition>
                <EventId>100</EventId>
                <EventName>1234_barcode</EventName>
                <EventDescription>hgukg</EventDescription>
                <EventAggregationLevel>F</EventAggregationLevel>
                <EventType>U</EventType>
                <ObjectType>F</ObjectType>
                <ObjectId>0</ObjectId>
                <PropertyId>0</PropertyId>
                <PropertyName>BarCode</PropertyName>
                <EventCondition>28</EventCondition>
                <EventOperandValue>1234</EventOperandValue>
                <JoinCondition>0</JoinCondition>
            </Condition>
        </Conditions>
    </RetentionRule>
</NGRM_GetRetentionRuleProperties_Output>
```

Response parameters description

The following table describes the output parameters of the *NGRM_GetRetentionRuleProperties* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call
Status	Root	Status returned for the call
RetentionRuleID	RetentionRule	Id of the retention rule
RetentionRuleName	RetentionRule	Name of the retention rule
Comment	RetentionRule	Comment associated with this rule
PR_Method	RetentionRule	To indicate the type of retention rule
PR_DeleteMetaData	RetentionRule	Flag to indicate deletion of metadata
PR_DeleteLog	RetentionRule	Flag to indicate deletion of log
EM_Method	RetentionRule	To indicate action to be done on electronic records.
EM_DeleteImages	RetentionRule	To delete images
EM_Deletelog	RetentionRule	To delete logs
EM_DeleteMetaData	RetentionRule	To delete metadata
RuleID	RetentionRule	Id of the retention rule
RetRuleType	RetentionRule	Type of retention
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of the first operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of the second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation
ConditionID	Condition	Id of the condition

Errors and warnings

NGRM_GetRetentionRuleList

This call is used to get list of retention rule.

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetRetentionRuleList_Input>
    <Option>NGRM_GetRetentionRuleList</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1130863843</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <RuleDetailsFlag>n</RuleDetailsFlag>
    <PreviousIndex>34</PreviousIndex>
    <LastSortField>00test2_F</LastSortField>
  </NGRM_GetRetentionRuleList_Input>
```

Request parameter description

The following table describes the request parameter of the *NGRM_GetRetentionRuleList* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	number	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y or N • Default values — Not applicable	No
RetentionRuleID	RetentionRule	number	Id of the retention rule • Valid values — Not applicable • Default values — Not applicable	Yes
RetentionRule	Root	Parent tag	Parent tag • Valid values — A or D • Default values — Not applicable	Yes
Locale	Root	Parent tag	Locale • Valid values — Not applicable • Default values — Not applicable	No

Sample Response

```
<NGRM_GetRetentionRuleList_Output>
    <Option>NGRM_GetRetentionRuleList</Option>
    <Status>0</Status>
    <NoOfRetRuleFetched>6</NoOfRetRuleFetched>
    <RetentionRules>
        <RetentionRule>
            <RetentionRuleID>12</RetentionRuleID>
            <RetentionRuleName>Default</RetentionRuleName>
```

```
            <Comment></Comment>
            <PR_Method>S</PR_Method>
            <PR_DeleteMetaData>N</PR_DeleteMetaData>
            <PR_DeleteLog>N</PR_DeleteLog>
            <EM_Method>T</EM_Method>
            <EM_DeleteImages>N</EM_DeleteImages>
            <EM_Deletelog>N</EM_Deletelog>
            <EM_DeleteMetaData>N</EM_DeleteMetaData>
            <RuleID>72</RuleID>
            <AggregationLevel>P</AggregationLevel>
            <RetentionType>T</RetentionType>
        </RetentionRule>
        <RetentionRule>
            <RetentionRuleID>13</RetentionRuleID>
            <RetentionRuleName>Default_1</RetentionRuleName>
            <Comment></Comment>
            <PR_Method>S</PR_Method>
            <PR_DeleteMetaData>N</PR_DeleteMetaData>
            <PR_DeleteLog>N</PR_DeleteLog>
            <EM_Method>T</EM_Method>
            <EM_DeleteImages>N</EM_DeleteImages>
            <EM_Deletelog>N</EM_Deletelog>
            <EM_DeleteMetaData>N</EM_DeleteMetaData>
            <RuleID>74</RuleID>
            <AggregationLevel>P</AggregationLevel>
            <RetentionType>T</RetentionType>
        </RetentionRule>
        <RetentionRule>
            <RetentionRuleID>18</RetentionRuleID>
            <RetentionRuleName>Default_event</RetentionRuleName>
            <Comment></Comment>
            <PR_Method>S</PR_Method>
            <PR_DeleteMetaData>N</PR_DeleteMetaData>
            <PR_DeleteLog>N</PR_DeleteLog>
            <EM_Method>T</EM_Method>
            <EM_DeleteImages>N</EM_DeleteImages>
            <EM_Deletelog>N</EM_Deletelog>
            <EM_DeleteMetaData>N</EM_DeleteMetaData>
            <RuleID>85</RuleID>
            <AggregationLevel>P</AggregationLevel>
            <RetentionType>T</RetentionType>
        </RetentionRule>
        <RetentionRule>
            <RetentionRuleID>42</RetentionRuleID>
            <RetentionRuleName>dsada</RetentionRuleName>
            <Comment>adada</Comment>
            <PR_Method>S</PR_Method>
            <PR_DeleteMetaData>N</PR_DeleteMetaData>
            <PR_DeleteLog>N</PR_DeleteLog>
            <EM_Method>T</EM_Method>
            <EM_DeleteImages>N</EM_DeleteImages>
```

```
            <EM_Deletelog>N</EM_Deletelog>
            <EM_DeleteMetaData>Y</EM_DeleteMetaData>
            <RuleID>166</RuleID>
            <AggregationLevel>P</AggregationLevel>
            <RetentionType>T</RetentionType>
        </RetentionRule>
        <RetentionRule>
            <RetentionRuleID>27</RetentionRuleID>
            <RetentionRuleName>due_4_dispose_ret_10_rec</RetentionRuleName>
            <Comment></Comment>
            <PR_Method>S</PR_Method>
            <PR_DeleteMetaData>N</PR_DeleteMetaData>
            <PR_DeleteLog>N</PR_DeleteLog>
            <EM_Method>T</EM_Method>
            <EM_DeleteImages>N</EM_DeleteImages>
            <EM_Deletelog>N</EM_Deletelog>
            <EM_DeleteMetaData>N</EM_DeleteMetaData>
            <RuleID>123</RuleID>
            <AggregationLevel>R</AggregationLevel>
            <RetentionType>T</RetentionType>
        </RetentionRule>
    </RetentionRules>
</NGRM_GetRetentionRuleList_Output>
```

Response parameters description

The following table describes the output parameters of the *NGRM_GetRetentionRuleList* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the call
Status	Root	Status returned for the call
RetentionRuleID	RetentionRule	Id of the retention rule
RetentionRuleName	RetentionRule	Name of the retention rule
Comment	RetentionRule	Comment associated with this rule
PR_Method	RetentionRule	To indicate type of retention rule
PR_DeleteMetaData	RetentionRule	Flag to indicate deletion of metadata
PR_DeleteLog	RetentionRule	Flag to indicate deletion of log
EM_Method	RetentionRule	To indicate action to be done on electronic records.

Parameter	Parent Tag	Description
EM_DeleteImages	RetentionRule	To delete images
EM_Deletelog	RetentionRule	To delete logs
EM_DeleteMetaData	RetentionRule	To delete metadata
RuleID	RetentionRule	Id of the retetion rule
RetRuleType	RetentionRule	Type of retention
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation
ConditionID	Condition	Id of the condition

Errors and warnings

NGRM_SetRetentionRuleProperties

This call is used to change the properties of a retention rule.

Sample Request

```
<?xml version="1.0"?>
<NGRM_SetRetentionRuleProperties_Input>
   <Option>NGRM_SetRetentionRuleProperties</Option>
   <CabinetName>risheikOD11RMS4</CabinetName>
   <UserDBId>1799506930</UserDBId>
   <LogGeneration>y</LogGeneration>
   <RetentionRule>
       <RetentionRuleID>2</RetentionRuleID>
       <RetentionRuleName>destruction processing testgrfdgrgtr</RetentionRuleName>
       <RuleID>6</RuleID>
```

```
        <AggregationLevel>F</AggregationLevel>
        <Comment>destruction processing testing</Comment>
        <PR_Method>S</PR_Method>
        <PR_DeleteMetaData>N</PR_DeleteMetaData>
        <PR_DeleteLog>N</PR_DeleteLog>
        <EM_Method>C</EM_Method>
        <EM_DeleteImages>N</EM_DeleteImages>
        <EM_Deletelog>N</EM_Deletelog>
        <EM_DeleteMetaData>N</EM_DeleteMetaData>
        <RuleID>6</RuleID>
        <RetRuleType>E</RetRuleType>
        <RetentionSchedule>None</RetentionSchedule>
        <RetentionScheduleId>0</RetentionScheduleId>
        <DispositionAction>D</DispositionAction>
        <RetentionSeries>jsxn</RetentionSeries>
        <Instruction></Instruction>
        <DispositionStatusId>7</DispositionStatusId>
        <Conditions>
            <Conditions>
                <Condition>
                    <EventId>100</EventId>
                    <EventName>testE</EventName>
                    <EventDescription>test</EventDescription>
                    <EventAggregationLevel>F</EventAggregationLevel>
                    <EventType>S</EventType>
                    <ObjectType>File</ObjectType>
                    <ObjectId>0</ObjectId>
                    <PropertyId>0</PropertyId>
                    <PropertyName>Owner</PropertyName>
                    <EventCondition>28</EventCondition>
                    <EventOperandValue>1</EventOperandValue>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </Conditions>
    </RetentionRule>
</NGRM_SetRetentionRuleProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetRetentionRuleProperties* API:

Parameter	Parent tag	Data type	Description
Option	Root	String	Unique option for the call • Valid values — Not applicable • Default values — Not applicable
CabinetName	Root	String	Name of the cabinet to which the user war • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	Integer	User database ID, which is returned in the r • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	String	Allows log generation • Valid values — ◦ Y — Yes ◦ N — No • Default values — Not applicable
RetentionRule	NGRM_SetRetentionRuleProperties	Parent tag	Sends the details of the retention rule of wh details • Valid values — Not applicable • Default values — Not applicable
RetentionRuleID	RetentionRule	Integer	Id of the retention rule • Valid values — Not applicable • Default values — Not applicable
RetentionRuleName	RetentionRule	String	Name of the retention rule • Valid values — Not applicable • Default values — Not applicable
RuleID	RetentionRule	Integer	Id of the retention rule • Valid values — Not applicable • Default values — Not applicable
AggregationLevel	RetentionRule	String	Aggregation level of rule. • Valid values — ◦ C — Class ◦ F — File ◦ P — Filepart ◦ R — Record • Default values — Not applicable
Comment	RetentionRule	String	Comment associated with this rule • Valid values — Not applicable

Sample Response

```
<NGRM_SetRetentionRuleProperties_Output>
   <Option>NGRM_SetRetentionRuleProperties</Option>
   <Status>0</Status>
   <RetentionRule>
       <RetentionRuleID>2</RetentionRuleID>
       <RetentionRuleName>destruction processing testgrfdgrgtr</RetentionRuleName>
       <Comment>destruction processing testing</Comment>
       <PR_Method>S</PR_Method>
       <PR_DeleteMetaData>N</PR_DeleteMetaData>
       <PR_DeleteLog>N</PR_DeleteLog>
       <EM_Method>C</EM_Method>
       <EM_DeleteImages>N</EM_DeleteImages>
       <EM_Deletelog>N</EM_Deletelog>
       <EM_DeleteMetaData>N</EM_DeleteMetaData>
       <RuleID>6</RuleID>
       <AggregationLevel>F</AggregationLevel>
       <DispositionAction>D</DispositionAction>
       <RetentionType>E</RetentionType>
       <RetentionSchedule></RetentionSchedule>
       <RetentionScheduleId>0</RetentionScheduleId>
       <DispositionStatusId>7</DispositionStatusId>
       <DispositionStatus></DispositionStatus>
       <RetentionSeries>jsxn</RetentionSeries>
       <Instruction></Instruction>
       <Conditions>
           <Condition>
               <EventId>100</EventId>
               <EventName>testE</EventName>
               <EventDescription>test</EventDescription>
               <EventAggregationLevel>F</EventAggregationLevel>
               <EventType>S</EventType>
               <ObjectType>F</ObjectType>
               <ObjectId>0</ObjectId>
               <PropertyId>0</PropertyId>
               <PropertyName>Owner</PropertyName>
               <EventCondition>28</EventCondition>
               <EventOperandValue>1</EventOperandValue>
               <JoinCondition>0</JoinCondition>
```

```
            </Condition>
        </Conditions>
    </RetentionRule>
</NGRM_SetRetentionRuleProperties_Output>
```

Response parameters description

The following table describes the output parameters of the *NGRM_SetRetentionRuleProperties* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
RetentionRuleID	RetentionRule	Id of the retention rule
RetentionRuleName	RetentionRule	Name of the retention rule
Comment	RetentionRule	Comment associated with this rule
PR_Method	RetentionRule	To indicate type of retention rule
PR_DeleteMetaData	RetentionRule	Flag to indicate deletion of metadata
PR_DeleteLog	RetentionRule	Flag to indicate deletion of log
EM_Method	RetentionRule	To indicate action to be done on electronic records.
EM_DeleteImages	RetentionRule	To delete images
EM_Deletelog	RetentionRule	To delete logs
EM_DeleteMetaData	RetentionRule	To delete metadata
RuleID	RetentionRule	Id of the retention rule
RetRuleType	RetentionRule	Type of retention
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand

Parameter	Parent tag	Description
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

Error code	Description
-4005	Invalid rule conditions specified.
-13091	Rule cannot be modified or applied on file.
-13082	No phases have been specified.
-4001	No conditions are specified in the rule.
-13072	Event and rule aggregation levels do not match.

NGRM_GetItemsForRetProc

This call gives all the filepart in destruction queue.

Sample Request

Request parameters description

The following table describes the input parameters of the *NGRM_GetItemsForRetProc* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
FetchCount	Root		Number of records to fetch at a time • Valid values — Not applicable • Default values — Not applicable	
PreviousIndex	Root		Previous index of the record • Valid values — Not applicable • Default values — Not applicable	
SortOrder	Root		Order of sorting • Valid values — A for ascending and D for descending • Default values — Not applicable	

Sample Response

Response parameters description

The following table describes the output parameters of the *NGRM_GetItemsForRetProc* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returnd for the call
FilePart	FileParts	List of fileparts
FolderIndex	FilePart	File part index
Name	FilePart	Name of the filepart
FileCategory	FilePart	File category indicating full path of the filepart
FilePartRetString	FilePart	Name of the retention rule

Errors and warnings

NGRM_DefinePhases

This call is used to define phases of a retention rule.

Sample Request

Request parameters description

The following table describes the input parameters of the *NGRM_DefinePhases* API:

Parameter	Parent tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
Phase	Phases		Phases defined • Valid values — Not applicable • Default values — Not applicable	
PhaseName	Phase		Name of the phase • Valid values — Not applicable • Default values — Not applicable	
PhaseDescription	Phase		Comment associated with this phase • Valid values — Not applicable • Default values — Not applicable	
PhaseLocationId	Phase		Location of this phase • Valid values — Not applicable • Default values — Not applicable	
PhaseBoxId	Phase		Id of the box • Valid values — Not applicable • Default values — Not applicable	
PhaseRetentionTime	Phase		Retention time of the phase	

Parameter	Parent tag	Parameter Type	Description	Mandatory
			• Valid values — Not applicable • Default values — Not applicable	
PhaseDispositionAction	Phase		Disposition action on phase • Valid values — ◦ I for Interim transfer ◦ T for transfer to nara ◦ D for destroy ◦ E for export • Default values — Not applicable	

Sample Response

Response parameters description

The following table describes the output parameters of the *NGRM_DefinePhases* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
Phase	Phases	Phases defined
PhaseId	Phase	Id of the phase created
PhaseName	Phase	Name of the phase
PhaseDescription	Phase	Comment associated with this phase
PhaseLocationId	Phase	Location of this phase
LocationName	Phase	Name of the location
PhaseBoxId	Phase	Id of the box

Parameter	Parent tag	Description
BoxName	Phase	Name of the box
PhaseRetentionTime	Phase	Retention time of the phase
PhaseDispositionAction	Phase	Disposition action on phase

Errors and warnings

NGRM_SetPhaseProperties

This call is used to change the properties of a phase.

Sample Request

```
<?xml version="1.0"?>
<NGRM_SetPhaseProperties_Input>
    <Option>NGRM_SetPhaseProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <PhaseId></PhaseId>
    <PhaseName></PhaseName>
    <PhaseDescription></PhaseDescription>
    <PhaseLocationId></PhaseLocationId>
    <PhaseBoxId></PhaseBoxId>
    <PhaseRetentionTime></PhaseRetentionTime>
    <PhaseDispositionAction></PhaseDispositionAction>
</NGRM_SetPhaseProperties_Input>
```

Request parameters description

The following table describes the input parameters of the *NGRM_SetPhaseProperties* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for Yes or N for No • Default values — Not applicable	No
Phase	Phases	String	Phases defined • Valid values — Not applicable • Default values — Not applicable	
PhaseName	Phase	String	Name of the phase • Valid values — Not applicable • Default values — Not applicable	Yes
PhaseDescription	Phase	String	Comment associated with this phase • Valid values — Not applicable • Default values — Not applicable	No
PhaseLocationId	Phase	String	Location of this phase • Valid values — Not applicable • Default values — Not applicable	No
PhaseBoxId	Phase	Integer	Id of the box • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent tag	Parameter type	Description	Mandatory
PhaseRetention Time	Phase	String	Retention time of the phase • Valid values — Not applicable • Default values — Not applicable	No
PhaseDisposition Action	Phase	String	Disposition action on phase • Valid values — ◦ I — Interim transfer ◦ T — Transfer to nara ◦ D — Destroy ◦ E — Export • Default values — Not applicable	Yes

Sample Response

```
<?xml version="1.0"?>
<NGRM_NGRM_SetPhaseProperties_Output>
    <Option>NGRM_SetPhaseProperties</Option>
    <Status></Status>
    <Phases>
        <PhaseId></PhaseId>
        <PhaseName></PhaseName>
        <PhaseDescription></PhaseDescription>
        <PhaseLocationId></PhaseLocationId>
        <PhaseBoxId></PhaseBoxId>
        <PhaseRetentionTime></PhaseRetentionTime>
        <PhaseDispositionAction></PhaseDispositionAction>
        <LocationName></LocationName>
        <BoxName></BoxName>
        <PhaseRetentionTime></PhaseRetentionTime>
        <PhaseDispositionAction></PhaseDispositionAction>
    </Phases>
    <Mapping>undefinedundefined</Mapping>
</NGRM_NGRM_SetPhaseProperties_Output>
```

Response parameters description

The following table describes the output parameters of the *NGRM_SetPhaseProperties* API:

Parameter	Parent tag	Description
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call
Phase	Phases	Phases defined
PhaseId	Phase	Id of the phase created
PhaseName	Phase	Name of the phase
PhaseDescription	Phase	Comment associated with this phase
PhaseLocationId	Phase	Location of this phase
LocationName	Phase	Name of the location
PhaseBoxId	Phase	Id of the box
BoxName	Phase	Name of the box
PhaseRetentionTime	Phase	Retention time of the phase
PhaseDisposition	Action	Phase Disposition action on phase

Errors and warnings

NGRM_DeletePhases

This call is used to delete a phase.

Sample Request

```
<?xml version="1.0"?>
<NGRM_DeletePhases_Input>
    <Option>NGRM_DeletePhases</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <PhaseId>5</PhaseId>
</NGRM_DeletePhases_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeletePhases* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y, N • Default values — Not applicable	No
PhaseId	Root	Integer	Id of the phase created • Valid values — Not applicable • Default values — Not applicable	Yes

Sample Response

```
<NGRM_DeletePhases_Output>
    <Option>NGRM_DeletePhases</Option>
    <Status>0</Status>
</NGRM_DeletePhases_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeletePhases* API:

Parameter	Parent tag	Desc
Option	Root	Unique Option for the Call
Status	Root	Status returned for the call

Errors and warnings

NGRM_GetPhaseProperties

This call is used to get the properties of a phase.

Sample Request

```
<?xml version="1.0"?>
<NGRM_GetPhaseProperties_Input>
    <Option>NGRM_GetPhaseProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <PhaseId>5</PhaseId>
</NGRM_GetPhaseProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetPhaseProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for Yes or N for No • Default values — Not applicable	No
PhaseId	Root	Integer	Id of the phase created • Valid values — Not applicable • Default values — Not applicable	Yes

Sample Response

```
<NGRM_GetPhaseProperties_Output>
    <Option>NGRM_GetPhaseProperties</Option>
    <Status>0</Status>
    <Phase>
        <PhaseId>5</PhaseId>
        <PhaseName>phae_test</PhaseName>
        <PhaseDescription></PhaseDescription>
        <PhaseLocationId>1</PhaseLocationId>
        <LocationName>D-152</LocationName>
        <PhaseBoxId>10</PhaseBoxId>
        <BoxName>allbox4</BoxName>
        <PhaseRetentionTime>10</PhaseRetentionTime>
        <PhaseDispositionAction>I</PhaseDispositionAction>
    </Phase>
</NGRM_GetPhaseProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetPhaseProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
Phase	Phases	Phases defined
PhaseId	Phase	Id of the phase created
PhaseName	Phase	Name of the phase
PhaseDescription	Phase	Comment associated with this phase
PhaseLocationId	Phase	Location of this phase
LocationName	Phase	Name of the location
PhaseBoxId	Phase	Id of the box
BoxName	Phase	Name of the box
PhaseRetentionTime	Phase	Retention time of the phase
PhaseDispositionAction	Phase	Disposition action on phase

Errors and warnings

NGRM_GetListOfPhases

This call is used to get the list of phases.

Sample Request

```
<?xml version="1.0"?>
<NGRM_GetListOfPhases_Input>
    <Option>NGRM_GetListOfPhases</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
</NGRM_GetListOfPhases_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfPhases* API:

Parameter	Parent Tag	Parameter Type	Description	Mandator
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for Yes or N for No • Default values — Not applicable	No
FetchCount	Root	String	No of results to be fetched • Valid values — Not applicable • Default values — Not applicable	No
SortOrder	Root	String	Order of sorting • Valid values — A for Ascending or D for Descending • Default values — Not applicable	Yes
OrderBy	Root	String	Field on which sorting is required • Valid values — Not applicable • Default values — Not applicable	Yes
PreviousIndex	Root	Integer	Index of the previous event • Valid values — Not applicable • Default values — Not applicable	Yes
LastSortField	Root	Integer	Last sorted field • Valid values — Not applicable • Default values — Not applicable	Yes

Sample Response

```
<NGRM_GetListOfPhases_Output>
    <Option>NGRM_GetListOfPhases</Option>
    <Status>0</Status>
    <NoOfPhasesFetched>6</NoOfPhasesFetched>
    <Phases>
        <Phase>
            <PhaseId>4</PhaseId>
            <PhaseName>P1</PhaseName>
            <PhaseDescription></PhaseDescription>
            <PhaseLocationId>19</PhaseLocationId>
            <LocationName>null</LocationName>
            <PhaseBoxId>2</PhaseBoxId>
            <BoxName>null</BoxName>
            <PhaseRetentionTime>10</PhaseRetentionTime>
            <PhaseDispositionAction>D</PhaseDispositionAction>
        </Phase>
        <Phase>
            <PhaseId>5</PhaseId>
            <PhaseName>phae_test</PhaseName>
            <PhaseDescription></PhaseDescription>
            <PhaseLocationId>1</PhaseLocationId>
            <LocationName>null</LocationName>
            <PhaseBoxId>10</PhaseBoxId>
            <BoxName>null</BoxName>
            <PhaseRetentionTime>10</PhaseRetentionTime>
            <PhaseDispositionAction>I</PhaseDispositionAction>
        </Phase>
        <Phase>
            <PhaseId>3</PhaseId>
            <PhaseName>phase final</PhaseName>
            <PhaseDescription></PhaseDescription>
            <PhaseLocationId>1</PhaseLocationId>
            <LocationName>null</LocationName>
            <PhaseBoxId>10</PhaseBoxId>
            <BoxName>null</BoxName>
            <PhaseRetentionTime>2</PhaseRetentionTime>
            <PhaseDispositionAction>D</PhaseDispositionAction>
        </Phase>
        <Phase>
            <PhaseId>7</PhaseId>
            <PhaseName>phase_interim</PhaseName>
            <PhaseDescription>cbf</PhaseDescription>
            <PhaseLocationId>1</PhaseLocationId>
            <LocationName>null</LocationName>
            <PhaseBoxId>11</PhaseBoxId>
            <BoxName>null</BoxName>
            <PhaseRetentionTime>12</PhaseRetentionTime>
```

```
            <PhaseDispositionAction>I</PhaseDispositionAction>
        </Phase>
        <Phase>
            <PhaseId>8</PhaseId>
            <PhaseName>phase_rec_interim</PhaseName>
            <PhaseDescription>dsfsdfe</PhaseDescription>
            <PhaseLocationId>1</PhaseLocationId>
            <LocationName>null</LocationName>
            <PhaseBoxId>11</PhaseBoxId>
            <BoxName>null</BoxName>
            <PhaseRetentionTime>12</PhaseRetentionTime>
            <PhaseDispositionAction>I</PhaseDispositionAction>
        </Phase>
    </Phases>
</NGRM_GetListOfPhases_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfPhases* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
Phase	Phases	Phases defined
PhaseId	Phase	Id of the phase created
PhaseName	Phase	Name of the phase
PhaseDescription	Phase	Comment associated with this phase
PhaseLocationId	Phase	Location of this phase
LocationName	Phase	Name of the location
PhaseBoxId	Phase	Id of the box
BoxName	Phase	Name of the box
PhaseRetentionTime	Phase	Retention time of the phase
PhaseDispositionAction	Phase	Disposition action on phase

Errors and warnings

NGRM_GetRecordsForRetProc

This call is used to get records whose retention rule has been satisfied.

Sample Request

```
<?xml version="1.0"?>
<NGRM_GetRecordsForRetProc_Input>
    <Option>NGRM_GetRecordsForRetProc</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-940440473</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <PreviousIndex>0</PreviousIndex>
```

```
    <SortOrder>A</SortOrder>
</NGRM_GetRecordsForRetProc_Input>
```

Request parameters description

The following table describes the input parameters of the *NGRM_GetRecordsForRetProc* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for Yes or N for No • Default values — Not applicable	
FetchCount	Root		Number of records to fetch at a time • Valid values — Not applicable • Default values — Not applicable	
PreviousIndex	Root		Previous index of the record • Valid values — Not applicable • Default values — Not applicable	
SortOrder	Root		Order of sorting • Valid values — A for Ascending or D for Descending • Default values — Not applicable	

Sample Response

```
<NGRM_GetRecordsForRetProc_Output>
    <Option>NGRM_GetRecordsForRetProc</Option>
    <Status>0</Status>
    <NoOfItemsFetched>6</NoOfItemsFetched>
    <Records>
        <Record>
            <RecordIndex>119</RecordIndex>
            <Name>rec_1</Name>
            <FileCategory>/MyCab/Fileplan/00class1/A/A</FileCategory>
            <CreatedByApp>xml</CreatedByApp>
            <RecordRetString>00001</RecordRetString>
        </Record>
        <Record>
            <RecordIndex>120</RecordIndex>
            <Name>testrec</Name>
            <FileCategory>/MyCab/Fileplan/DueforCutoff/C/C</FileCategory>
            <CreatedByApp>txt</CreatedByApp>
            <RecordRetString>00000</RecordRetString>
        </Record>
        <Record>
            <RecordIndex>133</RecordIndex>
            <Name>verec2</Name>
            <FileCategory>/MyCab/Fileplan/timebased_record/E/E</FileCategory>
            <CreatedByApp>txt</CreatedByApp>
            <RecordRetString>00000</RecordRetString>
        </Record>
        <Record>
            <RecordIndex>134</RecordIndex>
            <Name>vb</Name>
            <FileCategory>/MyCab/Fileplan/timebased_record/E/E</FileCategory>
            <CreatedByApp>txt</CreatedByApp>
            <RecordRetString>00000</RecordRetString>
        </Record>
        <Record>
            <RecordIndex>135</RecordIndex>
            <Name>fgf</Name>
            <FileCategory>/MyCab/Fileplan/timebased_record/E</FileCategory>
            <CreatedByApp>txt</CreatedByApp>
            <RecordRetString>00000</RecordRetString>
        </Record>
    </Records>
</NGRM_GetRecordsForRetProc_Output>
```

Response parameters description

The following table describes the output parameters of the *NGRM_GetRecordsForRetProc* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		Status returned for the call
NoOfItemsFetched	Root		Number of record fetched in this call
Record	Records		List of records
RecordIndex	Record		Index of the record whose retention rule has been satisfied
Name	Record		Name of the record
FileCategory	Record		File category indicating full path of the rec
CreatedByApp	Record		Type of the record
RecordRetString	Record		Name of the retention rule

Errors and warnings

Storage Rule

The Storage Rule consists of the following APIs:

NGRM_CreateStorageRule

This is used to create storage rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateStorageRule_Input>
    <Option>NGRM_CreateStorageRule</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1375819134</UserDBId>
    <LogGeneration>y</LogGeneration>
    <StorageRule>
        <AggregationLevel>P</AggregationLevel>
        <StorageRuleName>st</StorageRuleName>
        <Comment>md.ksl</Comment>
        <PR_Action>M</PR_Action>
        <EM_Action>M</EM_Action>
        <PR_Rules>
            <Conditions>
                <Condition>
                    <Operand_1>0</Operand_1>
                    <Operator_1>2</Operator_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
                    <Operand_2>10</Operand_2>
                    <Operator_2>4</Operator_2>
                    <Operand_2Name>FILE_PART_CLOSE_DATE</Operand_2Name>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>10</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </PR_Rules>
        <EM_Rules>
            <Conditions>
                <Condition>
                    <Operand_1>0</Operand_1>
                    <Operator_1>2</Operator_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
                    <Operand_2>10</Operand_2>
                    <Operator_2>4</Operator_2>
                    <Operand_2Name>FILE_PART_CLOSE_DATE</Operand_2Name>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>10</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </EM_Rules>
    </StorageRule>
</NGRM_CreateStorageRule_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateStorageRule* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root		Allows log generation • Valid values — Y or N • Default values — Not applicable	
AggregationLevel	StorageRule		Aggregation level of rule. • Valid values — R - Record or P - Folder • Default values — Not applicable	
StorageRuleName	StorageRule		Name of the storage rule • Valid values — Not applicable • Default values — Not applicable	
Comment	StorageRule		Comment associated with this rule • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
PR_Action	StorageRule		Action to be taken on physical record • Valid values — M — Moving recordK — keep it • Default values — Not applicable	
EM_Action	StorageRule		Action to be taken on electronic record • Valid values — Not applicable • Default values — Not applicable	
Conditions	PR_Rules		Conditions on physical record • Valid values — Not applicableM — Moving recordK — keep it • Default values — Not applicable	
Operand_1	Condition		First operand. • Valid values — 0 • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Operator_1	Condition		First operator • Valid values — 2 for = , 3 for > and 4 for >= • Default values — Not applicable	
Operand_1Name	Condition		Name of first operand • Valid values — Current_Date • Default values — Not applicable	
Operand_2	Condition		Second operand • Valid values — 10 • Default values — Not applicable	
Operator_2	Condition		Second operator • Valid values — Not applicable • Default values — Not applicable	
Operand_2Name	Condition		Name of second operand • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Operand_3	Condition		Third operand • Valid values — Not applicable • Default values — Not applicable	
Operand_3Name	Condition		Name of the third operand • Valid values — Not applicable • Default values — Not applicable	
JoinCondition	Condition		Join condition in rule creation • Valid values — Not applicable0 — NONE1 — AND2 — OR • Default values — Not applicable	
Conditions	EM_Rules		Conditions on electronic record • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_CreateStorageRule_Output>
    <Option>NGRM_CreateStorageRule</Option>
    <Status>0</Status>
```

```
    <StorageRule>
        <StorageRuleID>10</StorageRuleID>
        <StorageRuleName>st</StorageRuleName>
        <Comment>md.ksl</Comment>
        <AggregationLevel>P</AggregationLevel>
        <PR_Action>M</PR_Action>
        <EM_Action>M</EM_Action>
        <PR_Rules>
            <PR_RuleID>167</PR_RuleID>
            <Conditions>
                <Condition>
                    <ConditionID>173</ConditionID>
                    <Operand_1>0</Operand_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
                    <Operator_1>2</Operator_1>
                    <Operand_2>10</Operand_2>
                    <Operand_2Name>FILE_PART_CLOSE_DATE</Operand_2Name>
                    <Operator_2>4</Operator_2>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>10</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </PR_Rules>
        <EM_Rules>
            <EM_RuleID>168</EM_RuleID>
            <Conditions>
                <Condition>
                    <ConditionID>174</ConditionID>
                    <Operand_1>0</Operand_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
                    <Operator_1>2</Operator_1>
                    <Operand_2>10</Operand_2>
                    <Operand_2Name>FILE_PART_CLOSE_DATE</Operand_2Name>
                    <Operator_2>4</Operator_2>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>10</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </EM_Rules>
    </StorageRule>
</NGRM_CreateStorageRule_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateStorageRule* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
StorageRuleID	StorageRule	Id of the storage rule
StorageRuleName	StorageRule	Name given to the storage rule
Comment	StorageRule	Comment associated with this rule
PR_Action	StorageRule	Action to be taken on physical record
EM_Action	StorageRule	Action to be taken on electronic record
PR_RuleID	PR_Rules	Id of the pr rule
Conditions	PR_Rules	Conditions on physical record
ConditionID	Condition	Id of the PR condition
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation
EM_RuleID	EM_Rules	EM rule id
Conditions	EM_Rules	Conditions on physical record
ConditionID	Condition	Id of the PR condition

Parameter	Parent Tag	Description
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

NGRM_DeleteStorageRule

This call is used to delete a storage rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteStorageRule_Input>
    <Option>NGRM_DeleteStorageRule</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1375819134</UserDBId>
    <LogGeneration>y</LogGeneration>
    <StorageRule>
        <StorageRuleID>10</StorageRuleID>
    </StorageRule>
</NGRM_DeleteStorageRule_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteStorageRule* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root		Allows log generation. • Valid values — Y or N • Default values — Not applicable	
StorageRuleID	StorageRule		Id of the storage rule to be deleted. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_DeleteStorageRule_Output>
    <Option>NGRM_DeleteStorageRule</Option>
    <Status>0</Status>
</NGRM_DeleteStorageRule_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteStorageRule* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		Status returned for the call.

Errors and warnings

NGRM_GetStorageRuleProperties

This call is used to get the properties of a storage rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetStorageRuleProperties_Input>
    <Option>NGRM_GetStorageRuleProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1375819134</UserDBId>
    <LogGeneration>y</LogGeneration>
    <StorageRule>
        <StorageRuleID>4</StorageRuleID>
    </StorageRule>
</NGRM_GetStorageRuleProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetStorageRuleProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation. • Valid values — Y or N • Default values — Not applicable	
StorageRuleID	StorageRule		Id of the storage rule to be deleted. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_GetStorageRuleProperties_Output>
    <Option>NGRM_GetStorageRuleProperties</Option>
    <Status>0</Status>
    <StorageRule>
        <StorageRuleID>4</StorageRuleID>
        <StorageRuleName>dest</StorageRuleName>
        <Comment></Comment>
        <AggregationLevel>P</AggregationLevel>
        <PR_Action>M</PR_Action>
        <EM_Action>K</EM_Action>
        <PR_Rules>
            <PR_RuleID>79</PR_RuleID>
            <Conditions>
                <Condition>
                    <ConditionID>75</ConditionID>
                    <Operand_1>0</Operand_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
```

```
                    <Operator_1>2</Operator_1>
                    <Operand_2>10</Operand_2>
                    <Operand_2Name>FP_ClosedDate</Operand_2Name>
                    <Operator_2>4</Operator_2>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>0</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </PR_Rules>
        <EM_Rules>
            <EM_RuleID>0</EM_RuleID>
        </EM_Rules>
    </StorageRule>
</NGRM_GetStorageRuleProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetStorageRuleProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
StorageRuleID	StorageRule	Id of the storage rule
StorageRuleName	StorageRule	Name given to the storage rule
Comment	StorageRule	Comment associated with this rule
PR_Action	StorageRule	Action to be taken on physical record
EM_Action	StorageRule	Action to be taken on electronic record
PR_RuleID	PR_Rules	Id of the pr rule
Conditions	PR_Rules	Conditions on physical record
ConditionID	Condition	Id of the PR condition
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand

Parameter	Parent Tag	Description
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation
EM_RuleID	EM_Rules	EM rule id
Conditions	EM_Rules	Conditions on physical record
ConditionID	Condition	Id of the PR condition
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

NGRM_GetStorageRuleList

This call is used to get the list of storage rules.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetStorageRuleList_Input>
    <Option>NGRM_GetStorageRuleList</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1375819134</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <RuleDetailsFlag>n</RuleDetailsFlag>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
</NGRM_GetStorageRuleList_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetStorageRuleList* API:

Parameter	Parent Tag	Parameter Type	Description	Valid Values	Default Values	Mandatory

Sample response

```
<NGRM_GetStorageRuleList_Output>
    <Option>NGRM_GetStorageRuleList</Option>
    <Status>0</Status>
    <NoOfStorageRulesFetched>6</NoOfStorageRulesFetched>
    <StorageRules>
        <StorageRule>
            <StorageRuleID>9</StorageRuleID>
            <StorageRuleName>0000hjkghjhg</StorageRuleName>
            <Comment>ghjghjg</Comment>
            <AggregationLevel>R</AggregationLevel>
            <PR_Action>M</PR_Action>
            <EM_Action>M</EM_Action>
            <PR_Rules>
```

```
                <PR_RuleID>159</PR_RuleID>
            </PR_Rules>
            <EM_Rules>
                <EM_RuleID>160</EM_RuleID>
            </EM_Rules>
        </StorageRule>
        <StorageRule>
            <StorageRuleID>7</StorageRuleID>
            <StorageRuleName>00test1_F</StorageRuleName>
            <Comment></Comment>
            <AggregationLevel>P</AggregationLevel>
            <PR_Action>M</PR_Action>
            <EM_Action>M</EM_Action>
            <PR_Rules>
                <PR_RuleID>130</PR_RuleID>
            </PR_Rules>
            <EM_Rules>
                <EM_RuleID>131</EM_RuleID>
            </EM_Rules>
        </StorageRule>
        <StorageRule>
            <StorageRuleID>8</StorageRuleID>
            <StorageRuleName>00test1_R</StorageRuleName>
            <Comment></Comment>
            <AggregationLevel>R</AggregationLevel>
            <PR_Action>M</PR_Action>
            <EM_Action>M</EM_Action>
            <PR_Rules>
                <PR_RuleID>134</PR_RuleID>
            </PR_Rules>
            <EM_Rules>
                <EM_RuleID>135</EM_RuleID>
            </EM_Rules>
        </StorageRule>
        <StorageRule>
            <StorageRuleID>4</StorageRuleID>
            <StorageRuleName>dest</StorageRuleName>
            <Comment></Comment>
            <AggregationLevel>P</AggregationLevel>
            <PR_Action>M</PR_Action>
            <EM_Action>K</EM_Action>
            <PR_Rules>
                <PR_RuleID>79</PR_RuleID>
            </PR_Rules>
            <EM_Rules>
                <EM_RuleID>0</EM_RuleID>
            </EM_Rules>
        </StorageRule>
        <StorageRule>
            <StorageRuleID>3</StorageRuleID>
            <StorageRuleName>MyTesting</StorageRuleName>
```

```
            <Comment></Comment>
            <AggregationLevel>P</AggregationLevel>
            <PR_Action>M</PR_Action>
            <EM_Action>M</EM_Action>
            <PR_Rules>
                <PR_RuleID>62</PR_RuleID>
            </PR_Rules>
            <EM_Rules>
                <EM_RuleID>63</EM_RuleID>
            </EM_Rules>
        </StorageRule>
    </StorageRules>
</NGRM_GetStorageRuleList_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetStorageRuleList* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		Status returned for the call
NoOfStorageRulesFetched	Root		No of storage rules to be fetched
StorageRule	StorageRules		Storage rules
StorageRuleID	StorageRule		Id of the storage rule.
StorageRuleName	StorageRule		Name of the storage rule
Comment	StorageRule		Comment associated with this rule
AggregationLevel	StorageRule		Aggregation level of rule.
PR_Action	StorageRule		Action to be taken on physical record
EM_Action	StorageRule		Action to be taken on electronic record
PR_RuleID	PR_Rules		PR rule id
EM_RuleID	EM_Rules		EM rule id

Errors and warnings

NGRM_SetStorageRuleProperties

This call is used to change the properties of a storage rule.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetStorageRuleProperties_Input>
    <Option>NGRM_SetStorageRuleProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1375819134</UserDBId>
    <LogGeneration>y</LogGeneration>
    <StorageRule>
        <AggregationLevel>P</AggregationLevel>
        <StorageRuleID>3</StorageRuleID>
        <StorageRuleName>MyTesting</StorageRuleName>
        <Comment>adada</Comment>
        <PR_Action>M</PR_Action>
        <EM_Action>M</EM_Action>
        <PR_Rules>
            <PR_RuleID>62</PR_RuleID>
            <Conditions>
                <Condition>
                    <Operand_1>0</Operand_1>
                    <Operator_1>2</Operator_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
                    <Operand_2>10</Operand_2>
                    <Operator_2>4</Operator_2>
                    <Operand_2Name>FP_ClosedDate</Operand_2Name>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>13</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </PR_Rules>
        <EM_Rules>
            <EM_RuleID>63</EM_RuleID>
            <Conditions>
                <Condition>
                    <Operand_1>0</Operand_1>
                    <Operator_1>2</Operator_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
```

```
                    <Operand_2>10</Operand_2>
                    <Operator_2>4</Operator_2>
                    <Operand_2Name>FP_ClosedDate</Operand_2Name>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>12</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </EM_Rules>
    </StorageRule>
</NGRM_SetStorageRuleProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetStorageRuleProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandator
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y or N • Default values — Not applicable	
AggregationLevel	StorageRule		Aggregation level of rule. • Valid values — R - Record or P - Folder • Default values — Not applicable	
StorageRuleName	StorageRule		Name of the storage rule	

Parameter	Parent Tag	Parameter Type	Description	Mandator
			• Valid values — Not applicable • Default values — Not applicable	
Comment	StorageRule		Comment associated with this rule • Valid values — Not applicable • Default values — Not applicable	
PR_Action	StorageRule		Action to be taken on physical record • Valid values — ◦ M — Moving record ◦ K — keep it • Default values — Not applicable	
EM_Action	StorageRule		Action to be taken on electronic record • Valid values — Not applicable • Default values — Not applicable	
Conditions	PR_Rules		Conditions on physical record • Valid values — Not applicable ◦ M — Moving record ◦ K — keep it • Default values — Not applicable	
Operand_1	Condition		First operand. • Valid values — 0 • Default values — Not applicable	
Operator_1	Condition		First operator • Valid values — 2 for = , 3 for > and 4 for >= • Default values — Not applicable	
Operand_1Name	Condition		Name of first operand • Valid values — Current_Date • Default values — Not applicable	
Operand_2	Condition		Second operand • Valid values — 10 • Default values — Not applicable	
Operator_2	Condition		Second operator • Valid values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandator
			• Default values — Not applicable	
Operand_2Name	Condition		Name of second operand • Valid values — Not applicable • Default values — Not applicable	
Operand_3	Condition		Third operand • Valid values — Not applicable • Default values — Not applicable	
Operand_3Name	Condition		Name of the third operand • Valid values — Not applicable • Default values — Not applicable	
JoinCondition	Condition		Join condition in rule creation • Valid values — Not applicable ◦ 0 — NONE ◦ 1 — AND ◦ 2 — OR • Default values — Not applicable	
Conditions	EM_Rules		Conditions on electronic record • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_SetStorageRuleProperties_Output>
    <Option>NGRM_SetStorageRuleProperties</Option>
    <Status>0</Status>
    <StorageRule>
        <StorageRuleID>3</StorageRuleID>
        <StorageRuleName>MyTesting</StorageRuleName>
        <Comment>adada</Comment>
        <AggregationLevel>P</AggregationLevel>
        <PR_Action>M</PR_Action>
        <EM_Action>M</EM_Action>
        <PR_Rules>
            <PR_RuleID>62</PR_RuleID>
            <Conditions>
                <Condition>
```

```
                    <ConditionID>175</ConditionID>
                    <Operand_1>0</Operand_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
                    <Operator_1>2</Operator_1>
                    <Operand_2>10</Operand_2>
                    <Operand_2Name>FP_ClosedDate</Operand_2Name>
                    <Operator_2>4</Operator_2>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>13</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </PR_Rules>
        <EM_Rules>
            <EM_RuleID>63</EM_RuleID>
            <Conditions>
                <Condition>
                    <ConditionID>176</ConditionID>
                    <Operand_1>0</Operand_1>
                    <Operand_1Name>CURRENT_DATE</Operand_1Name>
                    <Operator_1>2</Operator_1>
                    <Operand_2>10</Operand_2>
                    <Operand_2Name>FP_ClosedDate</Operand_2Name>
                    <Operator_2>4</Operator_2>
                    <Operand_3>2</Operand_3>
                    <Operand_3Name>12</Operand_3Name>
                    <JoinCondition>0</JoinCondition>
                </Condition>
            </Conditions>
        </EM_Rules>
    </StorageRule>
</NGRM_SetStorageRuleProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetStorageRuleProperties* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	Status returned for the call
StorageRuleID	StorageRule	Id of the storage rule
StorageRuleName	StorageRule	Name given to the storage rule

Parameter	Parent Tag	Description
Comment	StorageRule	Comment associated with this rule
PR_Action	StorageRule	Action to be taken on physical record
EM_Action	StorageRule	Action to be taken on electronic record
PR_RuleID	PR_Rules	Id of the pr rule
Conditions	PR_Rules	Conditions on physical record
ConditionID	Condition	Id of the PR condition
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand
JoinCondition	Condition	Join condition in rule creation
EM_RuleID	EM_Rules	EM rule id
Conditions	EM_Rules	Conditions on physical record
ConditionID	Condition	Id of the PR condition
Operand_1	Condition	First operand.
Operator_1	Condition	First operator
Operand_1Name	Condition	Name of first operand
Operand_2	Condition	Second operand
Operator_2	Condition	Second operator
Operand_2Name	Condition	Name of second operand
Operand_3	Condition	Third operand
Operand_3Name	Condition	Name of the third operand

Parameter	Parent Tag	Description
JoinCondition	Condition	Join condition in rule creation

Errors and warnings

NGRM_GetItemsForStorageProc

Sample request

Request parameter description

Sample response

Response parameter description

Errors and warnings

Report

The Report consists of the following APIs:

NGRM_GenerateReport

This call is used to generate various types of reports. For Example: Dispose report, user activity report, document report, fileplan report, and transfer report.

Sample request

```
<?xml version="1.0"?>
<NGRM_GenerateReport_Input>
    <Option>NGRM_GenerateReport</Option>
    <UserDBId>-187798637</UserDBId>
    <CabinetName>testdod</CabinetName>
    <LogGeneration>y</LogGeneration>
    <FetchCount>10</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>1</OrderBy>
    <LastSortField></LastSortField>
    <PreviousIndex>0</PreviousIndex>
    <NewReport>Y</NewReport>
    <ReportID>7</ReportID>
    <ReportType>recdispreport</ReportType>
    <RecursiveFlag>Y</RecursiveFlag>
    <RecordAlsoFlag>Y</RecordAlsoFlag>
    <OverDue>Y</OverDue>
    <ActiveObjectId>-1</ActiveObjectId>
    <RecursiveFlag>N</RecursiveFlag>
    <ActionId>10208</ActionId>
    <ActionDateFrom>2012-04-01</ActionDateFrom>
    <ActionDateTo>2012-04-27</ActionDateTo>
    <SaveASRecord>N</SaveASRecord>
    <OutputFieldList>
                    ActionItemIndex,
                    FileIdentifier,
                    ObjectName,
                    ObjectCategory,
                    DispositionAuthorityUser,
                    DispositionAuthorityGroup,
```

```
                    DispositionAuthorityRole,
                    ActionBy,
                    ActionDate,
                    Comment,
                    ActiveObjectId
    </OutputFieldList>
</NGRM_GenerateReport_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GenerateReport* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	Root	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Int	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
FetchCount	Root	Int	Total number of records to fetch • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Ascending or Descending • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
OrderBy	Root	Int	Order By field • Valid values — 1-Category, 2-Name, 3-date, 4-username, 5-dispositionauthority user • Default values — Not applicable	Yes
LastSortField	Root	String	Last sort field value • Valid values — Not applicable • Default values — Not applicable	Yes
PreviousIndex	Root	Int	Previous index • Valid values — Not applicable • Default values — Not applicable	Yes
NewReport	Root	String	Internal Use • Valid values — Not applicable • Default values — Not applicable	Yes
ReportID	Root	Int	Unique report id • Valid values — Not applicable • Default values — Not applicable	Yes
ReportType	Root	String	Report type: recdispreport • Valid values — Not applicable • Default values — Not applicable	Yes
RecursiveFlag	Root	String	To include subfolders • Valid values — Not applicable • Default values — Not applicable	Yes
RecordAlsoFlag	Root	String	To include records in folders also • Valid values — Not applicable • Default values — Not applicable	Yes
OverDue	Root	String	To include records/folders which are overdue • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ActiveObjectId	Root	Int	Look in folder id • Valid values — Not applicable • Default values — Not applicable	
ActionId	Root	Int	Unique action id for report type • Valid values — Not applicable • Default values — Not applicable	No
ActionDateFrom	Root	Date	Date range • Valid values — Not applicable • Default values — Not applicable	Yes
ActionDateTo	Root	Date	Date range • Valid values — Not applicable • Default values — Not applicable	No
SaveASRecord	Root	String	To save report as xls • Valid values — Not applicable • Default values — Not applicable	Yes
OutputFieldList	Root	String	Fields required in output • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_GenerateReport_Output>
    <Option>NGRM_GenerateReport</Option>
    <Status>0</Status>
    <NoOfItemsFetched>4</NoOfItemsFetched>
    <TotalNoOfItems>4</TotalNoOfItems>
    <GeneratedByUser>Supervisor</GeneratedByUser>
    <ActionItems>
        <ActionItem>
            <ActionItemIndex>47382</ActionItemIndex>
            <ActiveObjectId>707</ActiveObjectId>
            <ObjectName>D_13_apr_R_DM</ObjectName>
            <ObjectCategory>/testdod/Fileplan/000 13_apr_Rec/D_13_apr_R_DM</
ObjectCategory>
```

```
            <ActionBy>Supervisor2</ActionBy>
            <ActionDate>2012-04-13 13:36:03.34</ActionDate>
            <Comment>Record rrec_2_DM_R Deleted(RecordIndex =
1473) :ParentFolderIndex = 706</Comment>
            <DispositionAuthorityUser>sktest</DispositionAuthorityUser>
        </ActionItem>
        <ActionItem>
            <ActionItemIndex>47414</ActionItemIndex>
            <ActiveObjectId>707</ActiveObjectId>
            <ObjectName>D_13_apr_R_DM</ObjectName>
            <ObjectCategory>/testdod/Fileplan/000 13_apr_Rec/D_13_apr_R_DM</
ObjectCategory>
            <ActionBy>Supervisor2</ActionBy>
            <ActionDate>2012-04-13 13:45:39.627</ActionDate>
            <Comment>Record rec_13_apr_DM Deleted(RecordIndex =
1482) :ParentFolderIndex = 706</Comment>
            <DispositionAuthorityUser>sktest</DispositionAuthorityUser>
        </ActionItem>
    </ActionItems>
</NGRM_GenerateReport_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GenerateReport* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call
Status	Root		0 if call is successful
NoOfItemsFetched	Root		Number of items fetched
TotalNoOfItems	Root		Total number of items
GeneratedByUser	Root		Report generated by user
ActionItems	Root		Parent tag for all items
ActionItem	ActionItems		Sub tag for each item
ActionItemIndex	ActionItem		Unique item index
ActiveObjectId	ActionItem		Record/folder index
ObjectName	ActionItem		Name of item
ObjectCategory	ActionItem		File category of item
ActionBy	ActionItem		Action done by user
ActionDate	ActionItem		Granted till date
comment	ActionItem		Description
DispositionAuthority	ActionItem		Disposition authority user name
FileIdentifier	ActionItem		File identifier

Errors and warnings

The following table describes the error codes and description of the *NGRM_GenerateReport* API:

Error Code	Error Code Description	Suggestions
-505	No rights for the current operation	Insufficient rights to create class

NGRM_GenerateOverdueReport

This call is used to generate various types of reports. For example, Record/Folder due for disposition, transfer, cutoff.

Sample request

```
<?xml version="1.0"?>
<NGRM_GenerateOverdueReport_Input>
    <Option>NGRM_GenerateOverdueReport</Option>
    <UserDBId>1932424771</UserDBId>
    <CabinetName>MyCab</CabinetName>
    <LogGeneration>y</LogGeneration>
    <FetchCount>10</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>1</OrderBy>
    <LastSortField></LastSortField>
    <PreviousIndex>0</PreviousIndex>
    <NewReport>Y</NewReport>
    <ReportID>18</ReportID>
    <ReportType>RDFT</ReportType>
    <SaveASRecord>N</SaveASRecord>
    <ActionDateFrom>2012-04-01 </ActionDateFrom>
    <ActionDateTo>2012-04-18 </ActionDateTo>
    <ActionDateTo>2012-04-18 </ActionDateTo>
    <PrevPhaseSeq>0</PrevPhaseSeq>
    <ActiveObjectId>-1</ActiveObjectId>
    <RecursiveFlag>N</RecursiveFlag>
    <OutputFieldList>RecordIndex,FileIdentifier,
PhaseID,DispositionAction,PhaseName,PhaseSequence,
RecordName,Hierarchy,DispositionAuthorityUser,
DueAsOnDate,Comment</OutputFieldList>
</NGRM_GenerateOverdueReport_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GenerateOverdueReport* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	int	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
FetchCount	Root	int	Total number of records to fetch • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Ascending or Descending • Valid values — Not applicable • Default values — Not applicable	Yes
OrderBy	Root	int	Order By field: • Valid values: 1-Category 2-Name 3-GrantedTill 4-currentBorrower • Default values — Not applicable	Yes
LastSortField	Root	int	Last sort field value • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
PreviousIndex	Root	int	Previous index • Valid values — Not applicable • Default values — Not applicable	Yes
NewReport	Root	String	Internal Use • Valid values — Not applicable • Default values — Not applicable	Yes
ReportID	Root	int	Unique report id • Valid values — Not applicable • Default values — Not applicable	Yes
ReportType	Root	String	Report type : RDFD • Valid values — Not applicable • Default values — Not applicable	Yes
RecursiveFlag	Root	String	To include subfolders • Valid values — Not applicable • Default values — Not applicable	Yes
RecordAlsoFlag	Root	String	To include records in folders also • Valid values — Not applicable • Default values — Not applicable	Yes
OverDue	Root	String	To include records/folders which are overdue • Valid values — Not applicable • Default values — Not applicable	Yes
ActiveObjectId	Root	int	Look in folder id • Valid values — Not applicable • Default values — Not applicable	Yes
ActionId	Root	int	Unique action id for report type • Valid values — Not applicable • Default values — Not applicable	Yes
ActionDateFrom	Root	Date	Date range • Valid values — Not applicable • Default values — Not applicable	No

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ActionDateTo	Root	Date	Date range • Valid values — Not applicable • Default values — Not applicable	No
SaveASRecord	Root	String	To save report as xls. • Valid values — Not applicable • Default values — Not applicable	Yes
OutputFieldList	Root	String	Fields required in output • Valid values — Not applicable • Default values — Not applicable	Yes
PrevPhaseSeq	Root	int	Previous phase sequence value • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GenerateOverdueReport_Output>
    <Option>NGRM_GenerateOverdueReport</Option>
    <Status>0</Status>
    <NoOfItemsFetched>1</NoOfItemsFetched>
    <TotalNoOfItems>1</TotalNoOfItems>
    <GeneratedByUser>Supervisor</GeneratedByUser>
    <ActionItems>
        <ActionItem>
            <RecordIndex>146</RecordIndex>
            <RecordName>rec1</RecordName>
            <Hierarchy>/MyCab/Fileplan/00 test_ phase date _FP/B_Rec/B_Rec</
Hierarchy>
            <DueAsOnDate>2012-04-16 13:00:00.0</DueAsOnDate>
            <DispositionAuthorityUser>asdf</DispositionAuthorityUser>
            <FileIdentifier>1234</FileIdentifier>
            <PhaseID>10</PhaseID>
            <PhaseName>phase3</PhaseName>
            <DispositionAction>I</DispositionAction>
            <PhaseSequence>2</PhaseSequence>
        </ActionItem>
    </ActionItems>
</NGRM_GenerateOverdueReport_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GenerateOverdueReport* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call
Status	Root	0 if call is successful
NoOfItemsFetched	Root	Number of items fetched
TotalNoOfItems	Root	Total number of items
GeneratedByUser	Root	Report generated by user
ActionItems	Root	Parent tag for all items
ActionItem	ActionItems	Sub tag for each item
Record/Folder Index	ActionItem	Unique item index
Record/Folder Name	ActionItem	Name of item
Hierarchy	ActionItem	File category of item
DueAsOnDate	ActionItem	Granted till date
DispositionAuthorityUser	ActionItem	Disposition authority user name
FileIdentifier	ActionItem	File identifier
PhaseID	ActionItem	Phase id
PhaseName	ActionItem	Phase name
DispositionAction	ActionItem	Disposition action
PhaseSequence	ActionItem	Sequence of phase

Errors and warnings

The following table describes the error codes and description of the *NGRM_GenerateOverdueReport* API:

Error Code	Error Code Description	Suggestions
-505	No rights for the current operation	Insufficient rights to create class

NGRM_GenerateBorrowerReport

The overdue report gives details of the overdue/borrowed items according to the specified criteria.

Sample request

```
<?xml version="1.0"?>
<NGRM_GenerateBorrowerReport_Input>
    <Option>NGRM_GenerateBorrowerReport</Option>
    <UserDBId>-187798637</UserDBId>
    <CabinetName>testdod</CabinetName>
    <LogGeneration>y</LogGeneration>
    <FetchCount>10</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>3</OrderBy>
    <LastSortField></LastSortField>
    <PreviousIndex>0</PreviousIndex>
    <NewReport>Y</NewReport>
    <ReportID>6</ReportID>
    <ReportType>overduereport</ReportType>
    <RecursiveFlag>Y</RecursiveFlag>
    <RecordAlsoFlag>N</RecordAlsoFlag>
    <OverDue>Y</OverDue>
    <ActiveObjectId>-1</ActiveObjectId>
    <RecursiveFlag>N</RecursiveFlag>
    <ActionId></ActionId>
    <ActionDateFrom></ActionDateFrom>
    <ActionDateTo></ActionDateTo>
    <SaveASRecord>N</SaveASRecord>
</NGRM_GenerateBorrowerReport_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GenarateBorrowerReport* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root	String	Refers to the case sensitive call name • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y/N • Default values — N	Yes
FetchCount	Root	Integer	Total number of records to fetch • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Total number of records to fetch • Valid values — Not applicable • Default values — Not applicable	Yes
OrderBy	Root	Integer	Order by field: Category; Name; GrantedTill; CurrentBorrower • Valid values — Not applicable • Default values — Not applicable	Yes
LastSortFile	Root	Int	Last sort field value • Valid values — Not applicable • Default values — Not applicable	No
PreviousIndex	Root	Int	Previous index • Valid values — Not applicable • Default values — Not applicable	Yes
NewReport	Root	String	Internal Use • Valid values — Not applicable • Default values — Not applicable	Yes
			Unique report ID	

Sample response

```
<NGRM_GenerateBorrowerReport_Output>
    <Option>NGRM_GenerateBorrowerReport</Option>
    <Status>0</Status>
    <NoOfItemsFetched>2</NoOfItemsFetched>
    <TotalNoOfItems>2</TotalNoOfItems>
    <GeneratedByUser>Supervisor</GeneratedByUser>
    <ActionItems>
        <ActionItem>
            <ActionItemIndex>1</ActionItemIndex>
            <ActionId>-1</ActionId>
            <ActiveObjectId>655</ActiveObjectId>
            <ActiveObjectType>R</ActiveObjectType>
            <Category>x</Category>
            <ObjectName>Emailing adddoc.TIF</ObjectName>
            <ObjectCategory>/testdod/Fileplan/0001/H</ObjectCategory>
            <ActionBy>Supervisor</ActionBy>
            <ActionDate>2012-02-22 00:00:00.0</ActionDate>
        </ActionItem>
        <ActionItem>
            <ActionItemIndex>2</ActionItemIndex>
            <ActionId>-1</ActionId>
            <ActiveObjectId>918</ActiveObjectId>
            <ActiveObjectType>R</ActiveObjectType>
            <Category>x</Category>
            <ObjectName>saurabh -eml</ObjectName>
            <ObjectCategory>/testdod/Fileplan/0000_Aclass/B</ObjectCategory>
            <ActionBy>sktest</ActionBy>
            <ActionDate>2012-02-22 00:00:00.0</ActionDate>
        </ActionItem>
    </ActionItems>
</NGRM_GenerateBorrowerReport_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GenerateBorrowerReport* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	0 if call is successful.

Parameter	Parent tag	Description
NoOfItemsFetched	Root	Total number of items
TotalNoOfItems	Root	Report generated by user
GeneratedByUser	Root	Total number of items
ActionItems	Root	Report generated by user
ActionItem	ActionItems	Sub tag for all items
ActionItemIndex	ActionItem	Unique item index
ActionObjectID	ActionItem	Record/folder index
ActionObjectType	ActionItem	Object type of item (R, P, F, C)
ObjectName	ActionItem	Name of item
ObjectCategory	ActionItem	File category of item
ActionBy	ActionItem	Action done by user
ActionDate	ActionItem	Granted till date.

Errors and warnings

The following table describes the error codes and description of the Generate Borrower Report API:

Error Code	Suggestions	Error Code Description
-505	No rights the current operation	Insufficient to create class.

Transfer Request

NGRM_GenerateTransferRequest

This call is used to generate a Transfer Request.

Sample request

```
<?xml version="1.0"?>
<NGRM_GenerateTransferRequest_Input>
    <Option>NGRM_GenerateTransferRequest</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferRequest>
        <TransferRequestNumber></TransferRequestNumber>
        <Comment></Comment>
        <RequiredDate>2012-4-18</RequiredDate>
        <ReturnDate>2012-4-18</ReturnDate>
        <RequestToUser>1</RequestToUser>
        <RequestToGroup>0</RequestToGroup>
        <RequestToRole>0</RequestToRole>
        <RequestedByUser>0</RequestedByUser>
        <RequestedDate></RequestedDate>
        <Priority>M</Priority>
        <Objects>
            <Object>
                <ObjectID>129</ObjectID>
                <ObjectType>R</ObjectType>
                <ObjectName>fsdfsdfsfs</ObjectName>
            </Object>
        </Objects>
    </TransferRequest>
</NGRM_GenerateTransferRequest_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GenerateTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
Transfer RequestNumber	TransferRequest		It is the transfer request number • Valid values — Not applicable • Default values — Not applicable	
Comment	TransferRequest		It is the comment associated with the transfer request. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
RequiredDate	TransferRequest		It is the required date for the transfer request. • Valid values — Not applicable • Default values — Not applicable	
ReturnDate	TransferRequest		It is the return date for documents transferred. • Valid values — Not applicable • Default values — Not applicable	
RequestToUser	TransferRequest		It is the request to user to which the transfer request has made. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
RequestedByUser	TransferRequest		It is the request by user which makes the transfer request. • Valid values — Not applicable • Default values — Not applicable	
RequestedDate	TransferRequest		It is the requested date for the transfer • Valid values — Not applicable • Default values — Not applicable	
Priority	TransferRequest			
ObjectID	Object		It is the document id for which the transfer request is made. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ObjectType	Object		It is the document type for which the transfer request is made. • Valid values — Not applicable • Default values — Not applicable	
ObjectName	Object		It is the document name for which the transfer request is made. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_GenerateTransferRequest_Output>
    <Option>NGRM_GenerateTransferRequest</Option>
    <Status>0</Status>
    <TransferRequest>
        <RequestReferenceID>21</RequestReferenceID>
        <TransferRequestNumber>U</TransferRequestNumber>
        <Comment></Comment>
        <RequiredDate>2012-4-18</RequiredDate>
        <ReturnDate>2012-4-18</ReturnDate>
```

```
        <RequestToUser>1</RequestToUser>
        <RequestedByUser>0</RequestedByUser>
        <RequestedDate></RequestedDate>
        <Priority>M</Priority>
        <RequestToGroup>0</RequestToGroup>
        <RequestToRole>0</RequestToRole>
        <Objects>
            <Object>
                <ObjectID>129</ObjectID>
                <ObjectType>R</ObjectType>
                <ObjectName>fsdfsdfsfs</ObjectName>
                <SubCode>1</SubCode>
            </Object>
        </Objects>
    </TransferRequest>
</NGRM_GenerateTransferRequest_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GenerateTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
Warning	Root		
RequestReferenceID	TransferRequest		
TransferRequestNumber	TransferRequest		
Comment	TransferRequest		
RequiredDate	TransferRequest		
ReturnDate	TransferRequest		
RequestToUser	TransferRequest		
RequestedByUser	TransferRequest		
RequestedDate	TransferRequest		
Priority	TransferRequest		
ObjectID	Object		
ObjectType	Object		
ObjectName	Object		

Errors and warnings

NGRM_AddItemToTransferRequest

This call is used to add a new item to Transfer Request.

Sample request

```
<?xml version="1.0"?>
<NGRM_AddItemToTransferRequest_Input>
    <Option>NGRM_AddItemToTransferRequest</Option>
    <CabinetName>testdod</CabinetName>
```

```
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferRequest></TransferRequest>
    <RequestReferenceID></RequestReferenceID>
    <ObjectID></ObjectID>
    <ObjectType></ObjectType>
    <ObjectName></ObjectName>
</NGRM_AddItemToTransferRequest_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_AddItemToTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root			
CabinetName	Root			
UserDBId	Root			
LogGeneration	Root			
RequestReferenceID	TransferRequest			
ObjectID	TransferRequest			
ObjectType	TransferRequest			
ObjectName	TransferRequest			

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_AddItemToTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
RequestReferenceID	TransferRequest		
ObjectID	TransferRequest		
ObjectType	TransferRequest		

Errors and warnings

NGRM_DeleteItemFromTransferRequest

This call allows deletion of item from Transfer request.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteItemFromTransferRequest_Input>
    <Option>NGRM_DeleteItemFromTransferRequest</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferRequest></TransferRequest>
    <RequestReferenceID></RequestReferenceID>
    <ObjectID></ObjectID>
    <ObjectType></ObjectType>
</NGRM_DeleteItemFromTransferRequest_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteItemFromTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root			
CabinetName	Root			
UserDBId	Root			
LogGeneration	Root			
RequestReferenceID	TransferRequest			
ObjectID	TransferRequest			
ObjectType	TransferRequest			

Sample response

```
<?xml version="1.0"?>
<NGRM_DeleteItemFromTransferRequest_Output>
    <Option>NGRM_DeleteItemFromTransferRequest</Option>
    <Status>0</Status>
</NGRM_DeleteItemFromTransferRequest_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteItemFromTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		

Errors and warnings

NGRM_GetTransferRequestProperties

This call allows getting properties of transfer request properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetTransferRequestProperties_Input>
    <Option>NGRM_GetTransferRequestProperties</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferRequest></TransferRequest>
    <RequestReferenceID></RequestReferenceID>
    <TransferRequestNumber></TransferRequestNumber>
</NGRM_GetTransferRequestProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetTransferRequestProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root			
CabinetName	Root			
UserDBId	Root			
LogGeneration	Root			
RequestReferenceID	TransferRequest			
TransferRequestNumber	TransferRequest			

Sample response

```
<?xml version="1.0"?>
<NGRM_GetTransferRequestProperties_Output>
    <Option> NGRM_GetTransferRequestProperties </Option>
    <Status></Status>
    <TransferRequest>
        <RequestReferenceID></RequestReferenceID>
        <ObjectID></ObjectID>
        <ObjectType></ObjectType>
        <ObjectName></ObjectName>
    </TransferRequest>
</NGRM_GetTransferRequestProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetTransferRequestProperties* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
RequestReferenceID	TransferRequest		
TransferRequestNumber	TransferRequest		
Comment	TransferRequest		
RequiredDate	TransferRequest		
ReturnDate	TransferRequest		
RequestToUser	TransferRequest		
RequestedByUser	TransferRequest		
RequestedDate	TransferRequest		
Priority	TransferRequest		

Errors and warnings

NGRM_DeleteTransferRequest

This call allows deleting transfer request.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteTransferRequest_Input>
    <Option>NGRM_DeleteTransferRequest</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferRequest></TransferRequest>
    <RequestReferenceID></RequestReferenceID>
    <TransferRequestNumber></TransferRequestNumber>
</NGRM_DeleteTransferRequest_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case-sensitive call name. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
RequestReferenceID	TransferRequest		It is the transfer request reference id which has to be deleted. • Valid values — Not applicable • Default values — Not applicable	
TransferRequestNumber	TransferRequest		It is the transfer request number which has to be deleted • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_DeleteTransferRequest_output>
    <Option>NGRM_GetTransferRequestProperties </Option>
    <Status></Status>
</NGRM_DeleteTransferRequest_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteTransferRequest* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		

Errors and warnings

NGRM_SetTransferRequestProperties

This call allows setting transfer request properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetTransferRequestProperties_Input>
    <Option>NGRM_SetTransferRequestProperties</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferRequest></TransferRequest>
    <RequestReferenceID></RequestReferenceID>
    <TransferRequestNumber></TransferRequestNumber>
```

```
    <Comment></Comment>
    <RequiredDate></RequiredDate>
    <ReturnDate></ReturnDate>
    <RequestToUser></RequestToUser>
    <RequestedByUser></RequestedByUser>
    <RequestedDate></RequestedDate>
    <Priority></Priority>
</NGRM_SetTransferRequestProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetTransferRequestProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root			
CabinetName	Root			
UserDBId	Root			
LogGeneration	Root			
RequestReferenceID	TransferRequest			
TransferRequestNumber	TransferRequest			
Comment	TransferRequest			
RequiredDate	TransferRequest			
ReturnDate	TransferRequest			
RequestToUser	TransferRequest			
RequestedByUser	TransferRequest			
RequestedDate	TransferRequest			
Priority	TransferRequest			

Sample response

```
<?xml version="1.0"?>
<NGRM_SetTransferRequestProperties_output>
    <Option>NGRM_SetTransferRequestProperties </Option>
    <Status></Status>
</NGRM_SetTransferRequestProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetTransferRequestProperties* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
RequestReferenceID	TransferRequest		
TransferRequestNumber	TransferRequest		
Comment	TransferRequest		
RequiredDate	TransferRequest		
ReturnDate	TransferRequest		
RequestToUser	TransferRequest		
RequestedByUser	TransferRequest		
RequestedDate	TransferRequest		
Priority	TransferRequest		

Errors and warnings

NGRM_GetListOfTransferRequests

This call allows getting the list of transfer request.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfTransferRequests_Input>
    <Option>NGRM_GetListOfTransferRequests</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount></FetchCount>
    <SortOrder></SortOrder>
    <OrderBy></OrderBy>
    <PreviousIndex></PreviousIndex>
    <LastSortField></LastSortField>
    <RequiredDateFrom></RequiredDateFrom>
    <RequiredDateTo></RequiredDateTo>
    <ReturnDateFrom></ReturnDateFrom>
    <ReturnDateTo></ReturnDateTo>
    <RequestToUser></RequestToUser>
    <RequestedByUser></RequestedByUser>
    <RequestedDateFrom></RequestedDateFrom>
    <RequestedDateTo></RequestedDateTo>
    <Priority></Priority>
    <RequestStatus></RequestStatus>
    <CallFrom></CallFrom>
</NGRM_GetListOfTransferRequests_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfTransferRequests* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root			
CabinetName	Root			
UserDBId	Root			
LogGeneration	Root			
FetchCount	Root			
SortOrder	Root			
PreviousIndex	Root			
LastSortField	Root			
RequiredDateFrom	Root			
RequiredDateTo	Root			
ReturnDateFrom	Root			
ReturnDateTo	Root			
RequestToUser	Root			
RequestedByUser	Root			
RequestedDateFrom	Root			
RequestedDateTo	Root			
Priority	Root			

Sample response

```
<?xml version="1.0"?>
<NGRM_NGRM_GetListOfTransferRequests_output>
    <Option>NGRM_GetListOfTransferRequests </Option>
    <Status></Status>
    <NoOfTransferRequestsFetched></NoOfTransferRequestsFetched>
    <TransferRequests>
        <TransferRequest>
            <RequiredDateFrom></RequiredDateFrom>
            <RequiredDateTo></RequiredDateTo>
            <ReturnDateFrom></ReturnDateFrom>
```

```
            <ReturnDateTo></ReturnDateTo>
            <RequestToUser></RequestToUser>
            <RequestedByUser></RequestedByUser>
            <RequestedDateFrom></RequestedDateFrom>
            <RequestedDateTo></RequestedDateTo>
            <Priority></Priority>
            <RequestStatus></RequestStatus>
            <RequestToGroup></RequestToGroup>
            <RequestToGroupName></RequestToGroupName>
            <RequestToRole></RequestToRole>
            <RequestToRoleName></RequestToRoleName>
            <CurrentBorrower></CurrentBorrower>
        </TransferRequest>
    </TransferRequests>
</NGRM_NGRM_GetListOfTransferRequests_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfTransferRequests* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
RequestReferenceID	TransferRequest		
TransferRequestNumber	TransferRequest		
Comment	TransferRequest		
RequiredDate	TransferRequest		
ReturnDate	TransferRequest		
RequestToUser	TransferRequest		
RequestedByUser	TransferRequest		
RequestedDate	TransferRequest		
Priority	TransferRequest		

Errors and warnings

NGRM_GetListOfRecordsHeldWithUser

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfRecordsHeldWithUser_Input>
    <Option>NGRM_GetListOfRecordsHeldWithUser</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>432380092</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <PreviousIndex>0</PreviousIndex>
    <UserIndex>2</UserIndex>
    <RequestReferenceID>0</RequestReferenceID>
    <TransferNoteID>0</TransferNoteID>
    <TransferRequestNumber></TransferRequestNumber>
    <TransferNumber></TransferNumber>
    <SentByUser>0</SentByUser>
</NGRM_GetListOfRecordsHeldWithUser_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfRecordsHeldWithUser* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory

Sample response

```
<NGRM_GetListOfRecordsHeldWithUser_Output>
    <Option>Option</Option>
    <Status>0</Status>
    <NoOfRecordsFetched>1</NoOfRecordsFetched>
    <Objects>
        <Object>
            <ObjectID>23</ObjectID>
            <ObjectName>ok1</ObjectName>
            <ObjectType>R</ObjectType>
            <RequestReferenceID>12</RequestReferenceID>
            <TransferNoteID>31</TransferNoteID>
            <ReceivedDate>2011-09-12 14:28:41.64</ReceivedDate>
            <ReturnDate>2011-08-21 16:13:01.92</ReturnDate>
            <UserIndex>2</UserIndex>
            <SentByUser>1</SentByUser>
            <SentByUserName>Supervisor</SentByUserName>
            <TransferRequestNumber>L</TransferRequestNumber>
            <TransferNumber>E</TransferNumber>
            <TransferNoteFrom>Q</TransferNoteFrom>
            <CreatedByApp>eml</CreatedByApp>
        </Object>
    </Objects>
</NGRM_GetListOfRecordsHeldWithUser_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfRecordsHeldWithUser* API:

Parameter	Parent Tag	Parameter Type	Description

Errors and warnings

NGRM_GetListOfFilePartsHeldWithUser

This call allows fetching the list of documents held with the login user.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfFilePartsHeldWithUser_Input>
    <Option>NGRM_GetListOfFilePartsHeldWithUser</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>432380092</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <SortOrder></SortOrder>
    <OrderBy>2</OrderBy>
    <PreviousIndex>0</PreviousIndex>
    <UserIndex>2</UserIndex>
    <RequestReferenceID>0</RequestReferenceID>
    <TransferNoteID>0</TransferNoteID>
    <TransferRequestNumber></TransferRequestNumber>
    <TransferNumber></TransferNumber>
    <SentByUser>0</SentByUser>
</NGRM_GetListOfFilePartsHeldWithUser_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfFilePartsHeldWithUser* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		It refers to the case sensitive call name.
CabinetName	Root		It is the cabinet or database name which has t
UserDBId	Root		It is the session id of the login user
LogGeneration	Root		Allows log generation
FetchCount	Root		
SortOrder	Root		
OrderBy	Root		
PreviousIndex	Root		
LastSortField	Root		
UserIndex	Root		
RequestReferenceID	Root		
TransferNoteID	Root		
ReceivedDateFrom	Root		
ReceivedDateTo	Root		
ReturnDateFrom	Root		
ReturnDateTo	Root		

Sample response

```
<NGRM_GetListOfFilePartsHeldWithUser_Output>
    <Option>Option</Option>
    <Status>0</Status>
    <NoOfFilePartsFetched>0</NoOfFilePartsFetched>
    <Objects></Objects>
</NGRM_GetListOfFilePartsHeldWithUser_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfFilePartsHeldWithUser* API:

Parameter	Parent Tag	Description
Status	Root	
NoOfRecordsFetched	Root	
ObjectID	Object	
ObjectName	Object	
RequestReferenceID	Object	
TransferNoteID	Object	
ReceivedDate	Object	
ReturnDate	Object	
UserIndex	Object	

Errors and warnings

NGRM_GetRequesteeDetails

Sample request

```
<?xml version="1.0"?>
<NGRM_GetRequesteeDetails_Input>
    <Option>NGRM_GetRequesteeDetails</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>432380092</UserDBId>
    <LogGeneration>y</LogGeneration>
    <ObjectID></ObjectID>
    <ObjectType></ObjectType>
</NGRM_GetRequesteeDetails_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetRequesteeDetails* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory

Sample response

```
<NGRM_GetRequesteeDetails_Output>
    <Option>NGRM_GetRequesteeDetails</Option>
    <Status>0</Status>
    <Requestees>
        <Requestee>
            <RequestedByUserName></RequestedByUserName>
            <RequestedByUser></RequestedByUser>
            <RequiredDate></RequiredDate>
            <ReturnDate></ReturnDate>
            <Priority></Priority>
        </Requestee>
    </Requestees>
    <Objects></Objects>
</NGRM_GetRequesteeDetails_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetRequesteeDetails*

API:

Parameter	Parent Tag	Parameter Type	Description

Errors and warnings

NGRM_GetListOfTransferRequestItems

This call allows list of items for the Transfer Request.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfTransferRequestItems_Input>
    <Option>NGRM_GetListOfTransferRequestItems</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>50</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>1</OrderBy>
    <PreviousIndex>0</PreviousIndex>
    <CallFrom>IR</CallFrom>
    <RequestReferenceID>0</RequestReferenceID>
    <TransferNoteID>0</TransferNoteID>
    <TransferRequestNumber></TransferRequestNumber>
    <RequestToUser>1</RequestToUser>
    <RequestToGroup>0</RequestToGroup>
    <RequestToRole>0</RequestToRole>
    <RequestedByUser>0</RequestedByUser>
    <Priority></Priority>
    <RequestStatus>P</RequestStatus>
</NGRM_GetListOfTransferRequestItems_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfTransferRequestItems* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name.	
CabinetName	Root		It is the cabinet or database name which has to be connected.	
UserDBId	Root		It is the session id of the login user	
LogGeneration	Root		Allows log generation	
FetchCount	Root			
SortOrder	Root			
OrderBy	Root			
PreviousIndex	Root			
LastSortField	Root			
RequestReferenceID	Root			
TransferNoteID	Root			
TransferRequestNumber	Root			
RequiredDateFrom	Root			
RequiredDateTo	Root			
ReturnDateFrom	Root			
ReturnDateTo	Root			
RequestToUser	Root			

Parameter	Parent Tag	Parameter Type	Description	Mandatory
RequestedByUser	Root			
RequestedDateFrom	Root			
RequestedDateTo	Root			
Priority	Root			
RequestStatus	Root			
TransferStatus	Root			

Sample response

```
<NGRM_GetListOfTransferRequestItems_Output>
    <Option>NGRM_GetListOfTransferRequestItems</Option>
    <Status>0</Status>
    <NoOfTransferRequestItemsFetched>11</NoOfTransferRequestItemsFetched>
    <Objects>
        <Object>
            <ID>2</ID>
            <ObjectID>800</ObjectID>
            <ObjectType>R</ObjectType>
            <ObjectName>dsdsdsds</ObjectName>
            <AppName>pdf</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>1</RequestReferenceID>
            <TransferRequestNumber>A</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-06 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-06 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>1</RequestedByUser>
            <RequestedByUserName>Supervisor</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-06 13:00:33.847</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
```

```
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            <ObjectName>Zapak</ObjectName>
            <AppName>txt</AppName>
            <RequestStatus>P</RequestStatus>
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            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>2</RequestReferenceID>
            <TransferRequestNumber>B</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-06 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-06 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>7</RequestedByUser>
            <RequestedByUserName>supervisor3</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-06 13:01:26.17</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>4</ID>
            <ObjectID>185</ObjectID>
            <ObjectType>R</ObjectType>
            <ObjectName>Zapak</ObjectName>
            <AppName>txt</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>3</RequestReferenceID>
            <TransferRequestNumber>C</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-06 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-06 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>7</RequestedByUser>
            <RequestedByUserName>supervisor3</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-06 13:01:26.253</RequestedDate>
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            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>5</ID>
```

```
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            <ObjectName>Zapak</ObjectName>
            <AppName>xml</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>3</RequestReferenceID>
            <TransferRequestNumber>C</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-06 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-06 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>7</RequestedByUser>
            <RequestedByUserName>supervisor3</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-06 13:01:26.253</RequestedDate>
            <Priority>M</Priority>
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            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>6</ID>
            <ObjectID>185</ObjectID>
            <ObjectType>R</ObjectType>
            <ObjectName>Zapak</ObjectName>
            <AppName>txt</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>4</RequestReferenceID>
            <TransferRequestNumber>D</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-06 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-06 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>7</RequestedByUser>
            <RequestedByUserName>supervisor3</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-06 13:01:26.327</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>7</ID>
            <ObjectID>178</ObjectID>
```

```
            <ObjectType>R</ObjectType>
            <ObjectName>Zapak</ObjectName>
            <AppName>xml</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>4</RequestReferenceID>
            <TransferRequestNumber>D</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-06 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-06 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>7</RequestedByUser>
            <RequestedByUserName>supervisor3</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-06 13:01:26.327</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>8</ID>
            <ObjectID>182</ObjectID>
            <ObjectType>R</ObjectType>
            <ObjectName>ZZZZZZZZ</ObjectName>
            <AppName>txt</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>4</RequestReferenceID>
            <TransferRequestNumber>D</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-06 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-06 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>7</RequestedByUser>
            <RequestedByUserName>supervisor3</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-06 13:01:26.327</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>9</ID>
            <ObjectID>378</ObjectID>
            <ObjectType>R</ObjectType>
```

```
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            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>5</RequestReferenceID>
            <TransferRequestNumber>E</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-07 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-12 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>1</RequestedByUser>
            <RequestedByUserName>Supervisor</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-07 14:38:40.1</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>10</ID>
            <ObjectID>378</ObjectID>
            <ObjectType>R</ObjectType>
            <ObjectName>1</ObjectName>
            <AppName>txt</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>6</RequestReferenceID>
            <TransferRequestNumber>F</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-07 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-07 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>1</RequestedByUser>
            <RequestedByUserName>Supervisor</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-07 14:38:56.437</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>13</ID>
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            <ObjectType>R</ObjectType>
            <ObjectName>1121</ObjectName>
```

```
            <AppName>txt</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>9</RequestReferenceID>
            <TransferRequestNumber>I</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-02-22 00:00:00.0</RequiredDate>
            <ReturnDate>2012-02-22 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>1</RequestedByUser>
            <RequestedByUserName>Supervisor</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-02-22 11:37:02.897</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
        <Object>
            <ID>37</ID>
            <ObjectID>1050</ObjectID>
            <ObjectType>R</ObjectType>
            <ObjectName>we</ObjectName>
            <AppName>txt</AppName>
            <RequestStatus>P</RequestStatus>
            <TransferStatus>null</TransferStatus>
            <ReceivedDate></ReceivedDate>
            <TransferNoteID>0</TransferNoteID>
            <RejectComments>null</RejectComments>
            <RequestReferenceID>17</RequestReferenceID>
            <TransferRequestNumber>Q</TransferRequestNumber>
            <Comment></Comment>
            <RequiredDate>2012-03-14 00:00:00.0</RequiredDate>
            <ReturnDate>2012-03-14 00:00:00.0</ReturnDate>
            <RequestToUser>1</RequestToUser>
            <RequestedByUser>2</RequestedByUser>
            <RequestedByUserName>Supervisor2</RequestedByUserName>
            <RequestedToUserName>Supervisor</RequestedToUserName>
            <RequestedDate>2012-03-14 11:30:33.357</RequestedDate>
            <Priority>M</Priority>
            <RequestToGroup>0</RequestToGroup>
            <RequestToRole>0</RequestToRole>
        </Object>
    </Objects>
</NGRM_GetListOfTransferRequestItems_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfTransferRequestItems* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
NoOfItemsFetched	Root		
ID	Object		
ObjectID	Object		
ObjectType	Object		
ObjectName	Object		
RequestStatus	Object		
TransferStatus	Object		
TransferNoteID	Object		
ReceivedDate	Object		
RequestReferenceID	Object		
TransferRequestNumber	Object		
RequiredDate	Object		
ReturnDate	Object		
RequestToUser	Object		
RequestedByUser	Object		
RequestedDate	Object		
Priority	Object		

Errors and warnings

NGRM_GenerateTransferNote

This call allows generating transfer note.

Sample request

```
<?xml version="1.0"?>
<NGRM_GenerateTransferNote_Input>
    <Option>NGRM_GenerateTransferNote</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-737683710</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferNote>
        <LocationID>0</LocationID>
        <RecipientUserID>2</RecipientUserID>
        <RecipientGroupID>0</RecipientGroupID>
        <RecipientRoleID>0</RecipientRoleID>
        <TransferNoteFrom>Q</TransferNoteFrom>
        <Objects>
            <Object>
                <ObjectID>59</ObjectID>
                <ObjectType>P</ObjectType>
                <ObjectName>A</ObjectName>
                <RequestReferenceID>4</RequestReferenceID>
                <PrevTransferNoteID>-1</PrevTransferNoteID>
                <ReasonID>0</ReasonID>
            </Object>
        </Objects>
    </TransferNote>
</NGRM_GenerateTransferNote_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GenerateTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			and N for No • Default values — Not applicable	
RequestReferenceID	TransferNote		It is the retention rule name that has to be created. • Valid values — Not applicable • Default values — Not applicable	
RecipientGroupID	TransferNote		It is the recipient group id for the transfer note • Valid values — Not applicable • Default values — Not applicable	
RecipientUserID	TransferNote		It is the recipient user id for the transfer note • Valid values — Not applicable • Default values —	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			Not applicable	
DispatchID	TransferNote		It is the dispatch id for the transfer note • Valid values — Not applicable • Default values — Not applicable	
SentOnDate	TransferNote		It is the date on which the documents are sent • Valid values — Not applicable • Default values — Not applicable	
SentByUser	TransferNote		It is the user name which has sent the documents. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ObjectID	Object		It is the document id. • Valid values — Not applicable • Default values — Not applicable	
ObjectType	Object		It is the document type • Valid values — 'P'-filepart,'B'-box, 'R'-Record • Default values — Not applicable	
ObjectName	Object		It is the document name • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_GenerateTransferNote_Output>
    <Option>NGRM_GenerateTransferNote</Option>
    <Status>-3006</Status>
    <Error>Transfer Note cannot be generated. Some records have Transfer Note
generated.</Error>
    <ErrorSubject></ErrorSubject>
</NGRM_GenerateTransferNote_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GenerateTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
RequestReferenceID	TransferNote		
TransferNoteID	TransferNote		
ReceipentGroupID	TransferNote		
RecipientUserID	TransferNote		
DispatchID	TransferNote		
SentOnDate	TransferNote		
SentByUser	TransferNote		
ObjectID	Object		
ObjectType	Object		
ObjectName	Object		

Errors and warnings

NGRM_GetTransferNoteProperties

This call allows getting properties of the transfer note.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_GetTransferNoteProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
TransferNoteID	TransferNote		It is the transfer note id for which the properties are fetched. • Valid values — Not applicable • Default values — Not applicable	

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_GetTransferNoteProperties* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
TransferNoteID	TransferNote		
ReceipentGroupID	TransferNote		
RecipientUserID	TransferNote		
DispatchID	TransferNote		
SentOnDate	TransferNote		
SentByUser	TransferNote		

Errors and warnings

NGRM_DeleteTransferNote

This call allows deleting transfer note.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteTransferNote_Input>
    <Option>NGRM_DeleteTransferNote</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferNoteID></TransferNoteID>
</NGRM_DeleteTransferNote_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description	Valid Values	Default Values	Mandatory
Option	Root		It refers to the case sensitive call name.	Call Name which is case sensitive		
CabinetName	Root		It is the cabinet or database name which has to be connected.	NA		
UserDBId	Root		It is the session id of the login user	NA		
LogGeneration	Root		Allows log generation	Y for yes N for No		
TransferNoteID	TransferNote		It is the transfer note id that has to be deleted.	NA		

Sample response

```
<NGRM_DeleteTransferNote_Output>
    <Option>NGRM_GetListOfTransferNoteItems</Option>
    <Status>0</Status>
</NGRM_DeleteTransferNote_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		

Errors and warnings

NGRM_SetTransferNoteProperties

This call allows setting transfer note properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetTransferNoteProperties_Input>
    <Option>NGRM_SetTransferNoteProperties</Option>
    <CabinetName>testdod</CabinetName>
    <UserDBId>-1503167624</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferNote></TransferNote>
    <TransferNoteID></TransferNoteID>
    <DispatchID></DispatchID>
    <RecipientUserID></RecipientUserID>
    <RecipientGroupID></RecipientGroupID>
    <SentOnDate></SentOnDate>
    <SentByUser></SentByUser>
</NGRM_SetTransferNoteProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetTransferNoteProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
TransferNoteID	TransferNote		It is the transfer note id for which the properties are to be set. • Valid values — Not applicable • Default values — Not applicable	
RecipientUserID	TransferNote		It is the recipient user id for the transfer note • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
RecipientGroupID	TransferNote		It is the recipient group id for the transfer note • Valid values — Not applicable • Default values — Not applicable	
DispatchID	TransferNote		It is the dispatch id for the transfer note • Valid values — Not applicable • Default values — Not applicable	
SentOnDate	TransferNote		It is the date on which the transfer note is sent • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
SentByUser	TransferNote		It is the user name which has sent the transfer note • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_SetTransferNoteProperties_Output>
    <Option>NGRM_SetTransferNoteProperties</Option>
    <Status>0</Status>
</NGRM_SetTransferNoteProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetTransferNoteProperties* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		

Errors and warnings

NGRM_AddItemToTransferNote

This call allows adding item to the Transfer Note.

Sample request

```
<?xml version="1.0"?>
<NGRM_AddItemToTransferNote_Input>
    <Option>NGRM_AddItemToTransferNote</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1281364744</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferNoteID>0</TransferNoteID>
    <RequestReferenceID>0</RequestReferenceID>
    <ObjectID>23</ObjectID>
    <ObjectName>ok1</ObjectName>
    <ObjectType>R</ObjectType>
</NGRM_AddItemToTransferNote_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_AddItemToTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case-sensitive call name. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session ID of the login user • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
TransferNoteID	TransferNote		It is the transfer note id which has to be added. • Valid values — Not applicable • Default values — Not applicable	
ObjectID	TransferNote		It is the document id for the transfer note • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ObjectType	TransferNote		It is the document type for the transfer note • Valid values — Not applicable • Default values — Not applicable	
ObjectName	TransferNote		It is the document name for the transfer note • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_NGRM_AddItemToTransferNote_Output>
    <Option>NGRM_SetTransferNoteProperties</Option>
    <Status>0</Status>
    <TransferNote>
        <ObjectID>23</ObjectID>
        <ObjectName>ok1</ObjectName>
        <ObjectType>R</ObjectType>
        <TransferNoteID>0</TransferNoteID>
    </TransferNote>
</NGRM_NGRM_AddItemToTransferNote_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_AddItemToTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
TransferNoteID	TransferNote		
ObjectID	TransferNote		
ObjectType	TransferNote		

Errors and warnings

NGRM_DeleteItemFromTransferNote

This call allows deleting item from Transfer Note.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteItemFromTransferNote_Input>
    <Option>NGRM_DeleteItemFromTransferNote</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1281364744</UserDBId>
    <LogGeneration>y</LogGeneration>
    <TransferNote>
        <ObjectID>23</ObjectID>
        <ObjectName>ok1</ObjectName>
        <ObjectType>R</ObjectType>
        <TransferNoteID>0</TransferNoteID>
    </TransferNote>
</NGRM_DeleteItemFromTransferNote_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteItemFromTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values —	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
TransferNoteID	TransferNote		It is the transfer note id that has to be deleted. • Valid values — Not applicable • Default values — Not applicable	
ObjectID	TransferNote		It is the document id. • Valid values — Not applicable • Default values — Not applicable	
ObjectType	TransferNote		It is the document type.	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			• Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_NGRM_DeleteItemFromTransferNote_Output>
    <Option>NGRM_DeleteItemFromTransferNote</Option>
    <Status>0</Status>
</NGRM_NGRM_DeleteItemFromTransferNote_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteItemFromTransferNote* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
TransferNoteID	TransferNote		
ObjectID	TransferNote		
ObjectType	TransferNote		

Errors and warnings

NGRM_GetListOfTransferNotes

This call allows creation of location to locate the physical record.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_GetTransferRequestProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name that has to be connected. • Valid values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			• Default values — Not applicable	
UserDBId	Root		It is the session ID of the login user • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
FetchCount	Root			
SortOrder	Root			
PreviousIndex	Root			
LastSortField	Root			
TransferNoteID	Root		It is the transfer note id • Valid values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			• Default values — Not applicable	
RecipientUserID	Root		It is the recipient user id for the transfer note • Valid values — Not applicable • Default values — Not applicable	
RecipientGroupID	Root		It is the recipient group id for the transfer note • Valid values — Not applicable • Default values — Not applicable	
DispatchID	Root		It is the dispatch id for the transfer note. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
SentByUser	Root		It is the user name which has sent the transfer notes • Valid values — Not applicable • Default values — Not applicable	
SentOnDateFrom	Root		It is the date from which the transfer notes are sent • Valid values — Not applicable • Default values — Not applicable	
SentOnDateTo	Root		It is the date till which the transfer notes are sent • Valid values — Not applicable • Default values — Not applicable	

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfTransferNotes* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
NoOfTransferNotesFetched	Root		
TransferNoteID	TransferNote		
ReceipentGroupID	TransferNote		
ReceipentUserID	TransferNote		
DispatchID	TransferNote		
SentOnDate	TransferNote		
SentByUser	TransferNote		

Errors and warnings

NGRM_GetListOfTransferNoteItems

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfTransferNoteItems_Input>
    <Option>NGRM_GetListOfTransferNoteItems</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1281364744</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
```

```
    <SortOrder>A</SortOrder>
    <OrderBy>1</OrderBy>
    <PreviousIndex>0</PreviousIndex>
    <CallFrom>ID</CallFrom>
    <TransferNoteID>0</TransferNoteID>
    <RequestReferenceID>0</RequestReferenceID>
    <TransferRequestNumber></TransferRequestNumber>
    <TransferNumber></TransferNumber>
    <RecipientUserID>1</RecipientUserID>
    <RecipientGroupID>0</RecipientGroupID>
    <RecipientRoleID>0</RecipientRoleID>
    <DispatchID>0</DispatchID>
    <SentByUser>0</SentByUser>
    <SentOnDateFrom></SentOnDateFrom>
    <SentOnDateTo></SentOnDateTo>
    <TransferStatus>P</TransferStatus>
    <TransferNoteFrom></TransferNoteFrom>
    <ReasonID>0</ReasonID>
</NGRM_GetListOfTransferNoteItems_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfTransferNoteItems* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory

Sample response

```
<NGRM_GetListOfTransferNoteItems_Output>
    <Option>NGRM_GetListOfTransferNoteItems</Option>
    <Status>0</Status>
    <NoOfTransferNoteItemsFetched>0</NoOfTransferNoteItemsFetched>
    <Objects></Objects>
</NGRM_GetListOfTransferNoteItems_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfTransferNoteItems* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		

Errors and warnings

NGRM_DispatchTransferNotes

Sample request

Request parameter description

Sample response

```
<?xml version="1.0"?>

  <NGRM_CreateRendition_Output>
    <Option>NGRM_CreateRendition</Option>
    <Status>0</Status>
  </NGRM_CreateRendition_Output>
```

Response parameter description

Errors and warnings

NGRM_CreateTransferMapping

This call is used to create transfer (export and import) mapping of XML fields and metadata fields.

Sample request

```
<?xml version="1.0"?>

  <NGRM_CreateTransferMapping_Input>
    <Option>NGRM_CreateTransferMapping</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Mapping>
      <MappingName>hhh</MappingName>
      <MappingType>E</MappingType>
      <ObjectType>R</ObjectType>
      <Description>dd</Description>
    </Mapping>
  </NGRM_CreateTransferMapping_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_CreateTransferMapping* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique option for the call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values —Y for yes, N for No • Default values — Not applicable	
Mapping	Root		Parent tag for mapping • Valid values — Not applicable • Default values — Not applicable	
MappingName	Mapping		Name of the mapping • Valid values — Not applicable • Default values — Not applicable	
MappingType	Mapping		Mapping type ('E'-Export, 'I'-Import) • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ObjectType	Mapping		Object Type ('R'-Record, 'P'-RecordFolder, 'L'-Life Cycle, 'C'-Computer file) • Valid values — Not applicable • Default values — Not applicable	
Description	Mapping		Description • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_CreateTransferMapping_Output>
    <Option>NGRM_CreateTransferMapping</Option>
    <Status>0</Status>
    <Mapping>
      <MappingIndex>1</MappingIndex>
      <MappingName>hhh</MappingName>
      <MappingType>E</MappingType>
      <ObjectType>R</ObjectType>
      <Description>dd</Description>
    </Mapping>
  </NGRM_CreateTransferMapping_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateTransferMapping* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique option for the call

Parameter	Parent Tag	Parameter Type	Description
Status	Root		0 if call is successful
Mapping	Root		Parent tag for mapping
MappingIndex	Mapping		Unique Id of mapping created
MappingName	Mapping		Name of the mapping
MappingType	Mapping		Mapping type ('E'-Export, 'I'-Import)
ObjectType	Mapping		Object Type('R'-Record,'P'-RecordFolder,'L'-Life Cycle,'C'-Computer file)
Description	Mapping		Description

Errors and warnings

The following table describes the error codes and description of the *NGRM_CreateTransferMapping* API:

Error Code	Error Code Description	Suggestions
-505	No rights for the current operation	Insufficient rights to create class
-14001	Transfer mapping already exists	Transfer mapping with this name already exists

NGRM_DeleteTransferMapping

This call is used to delete transfer mapping.

Sample request

```
<?xml version="1.0"?>
```

```
<NGRM_DeleteTransferMapping_Input>
  <Option>NGRM_DeleteTransferMapping</Option>
  <CabinetName>MyCab</CabinetName>
  <UserDBId>1932424771</UserDBId>
  <LogGeneration>y</LogGeneration>
  <Mapping>
    <MappingIndex>1</MappingIndex>
  </Mapping>
</NGRM_DeleteTransferMapping_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteTransferMapping* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes, N for No • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Mapping	Root		Parent tag for mapping • Valid values — Not applicable • Default values — Not applicable	
MappingIndex	Mapping		Unique Id of mapping created • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_DeleteTransferMapping_Output>
    <Option>NGRM_DeleteTransferMapping</Option>
    <Status>0</Status>
    <SuccessList>
      <MappingIndex>1</MappingIndex>
    </SuccessList>
    <FailedList></FailedList>
  </NGRM_DeleteTransferMapping_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteTransferMapping* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call
Status	Root		0 if call is successful
SuccessList	Root		Parent tag for successfully deleted mappings

Parameter	Parent Tag	Parameter Type	Description
MappingIndex	SuccessList		Unique Id of mapping created
FailedList	Root		Parent tag of mappings for which deletion failed
MappingIndex	FailedList		Unique Id of mapping created

Errors and warnings

The following table describes the error codes and description of the *NGRM_DeleteTransferMapping* API:

Error Code	Error Code Description	Suggestions
-505	No Rights for the current operation	Insufficient rights to create class
-14004	Transfer Mapping does not Exists	Transfer Mapping does not exists
-14004	Transfer Mapping Cannot be deleted	Transfer Mapping Cannot be deleted

NGRM_GetTransferMappingList

This call is used to get list of all mappings.

Sample request

```
<?xml version="1.0"?>

  <NGRM_GetTransferMappingList_Input>
    <Option>NGRM_GetTransferMappingList</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
```

```
  <LogGeneration>y</LogGeneration>
</NGRM_GetTransferMappingList_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetTransferMappingList* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes, N for No • Default values — Not applicable	
MappingType	Root		Mapping type ('E'-Export, 'I'-Import) • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
ObjectType	Root		Object Type('R'-Record,'P'-RecordFolder,'L'-Life Cycle, 'C'-Computer file) • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_GetTransferMappingList_Output>
    <Option>NGRM_GetTransferMappingList</Option>
    <Status>0</Status>
    <Mappings>
      <Mapping>
        <MappingIndex>1</MappingIndex>
        <MappingName>hhh</MappingName>
        <MappingType>E</MappingType>
        <CreatedBy>Supervisor</CreatedBy>
        <Description>dd</Description>
      </Mapping>
    </Mappings>
  </NGRM_GetTransferMappingList_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetTransferMappingList* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call
Status	Root		0 if call is successful
Mappings	Root		Parent tag for mapping

Parameter	Parent Tag	Parameter Type	Description
Mapping	Mappings		Sub Tag for single mapping
MappingIndex	Mapping		Unique Id of mapping created
MappingName	Mapping		Name of the mapping
MappingType	Mapping		Mapping type ('E'-Export, 'I'-Import)
Description	Mapping		TBA

Errors and warnings

There are no error codes in the API

NGRM_SetTransferMapping

This call is used to modify mapping.

Sample request

```
<?xml version="1.0"?>

  <NGRM_SetTransferMapping_Input>
    <Option>NGRM_SetTransferMapping</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Mapping>
      <MappingIndex>1</MappingIndex>
      <MappingName>exp</MappingName>
      <MappingType>E</MappingType>
      <ObjectType>P</ObjectType>
      <Description>modified</Description>
    </Mapping>
  </NGRM_SetTransferMapping_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetTransferMapping* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique option for the call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the cabinet to which the user wants to connect. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation. • Valid values — Y for yes, N for No • Default values — Not applicable	
Mapping	Root		Parent tag for mapping. • Valid values — Not applicable • Default values — Not applicable	
MappingIndex	Mapping		Unique Id of mapping created. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
MappingName	Mapping		Name of the mapping. • Valid values — Not applicable • Default values — Not applicable	
MappingType	Mapping		Mapping type ('E'-Export, 'I'-Import). • Valid values — Not applicable • Default values — Not applicable	
ObjectType	Mapping		Object Type('R'-Record,'P'-RecordFolder,'L'-Life Cycle, 'C'-Computer file). • Valid values — Not applicable • Default values — Not applicable	
Description	Mapping		Description. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>

  <NGRM_SetTransferMapping_Output>
    <Option>NGRM_SetTransferMapping</Option>
    <Status>0</Status>
    <Mapping>
      <MappingIndex>1</MappingIndex>
      <MappingName>exp</MappingName>
      <MappingType>E</MappingType>
      <Description>modified</Description>
    </Mapping>
  </NGRM_SetTransferMapping_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetTransferMapping* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique option for the call
Status	Root		0 if call is successful
Mapping	Root		Parent tag for mapping
MappingIndex	Mapping		Unique Id of mapping created
MappingName	Mapping		Name of the mapping
MappingType	Mapping		Mapping type ('E'-Export, 'I'-Import)
ObjectType	Mapping		Object Type('R'-Record,'P'-RecordFolder,'L'-Life Cycle,'C'-Computer file)
Description	Mapping		TBA

Errors and warnings

The following table describes the error codes and description of the *NGRM_SetTransferMapping* API:

Error code	Error message	Description
-505	No Rights for the current operation	Insufficient rights to create class
-14001	Transfer mapping already exists	Transfer mapping with this name already exists
-14004	Transfer mapping does not exist	Transfer mapping does not exist
-14003	Transfer mapping cannot be modified	Transfer mapping cannot be modified

Functional Security

The Functional Security consists of the following APIs:

NGRM_GetListOfFunctionalRights

This call is used to get list of all functional security rights assigned to user/Group/Role.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfFunctionalRights_Input>
    <Option>NGRM_GetListOfFunctionalRights</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5</FetchCount>
    <OrderBy>1</OrderBy>
    <SortOrder>A</SortOrder>
    <UserGroupRoleFlag>A</UserGroupRoleFlag>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField></LastSortField>
</NGRM_GetListOfFunctionalRights_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	int	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
FetchCount	Root	int	Number of items to fetch • Valid values — Not applicable • Default values — Not applicable	Yes
OrderBy	Root	int	Order by field : • Valid values — 1-UserGroupRoleFlag • Default values — Not applicable	Yes
SortOrder	Root	String	Ascending or Descending • Valid values — Not applicable • Default values — Not applicable	Yes
UserGroupRoleFlag	Root	String	UserGroupRoleFlag • Valid values — Not applicable • Default values — Not applicable	Yes
PreviousIndex	Root	int	Previous Index • Valid values — Not applicable • Default values — Not applicable	Yes
LastSortField	Root	String	Last value of sort field • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_GetListOfFunctionalRights_Output>
    <Option>NGRM_GetListOfFunctionalRights</Option>
    <Status>0</Status>
    <NoOfTuplesFetched>2</NoOfTuplesFetched>
    <FunctionalRightsList>
        <FunctionalRights>
            <ID>1</ID>
            <UserGroupRoleID>1</UserGroupRoleID>
            <UserGroupRoleName>Supervisor</UserGroupRoleName>
            <UserGroupRoleFlag>U</UserGroupRoleFlag>
            <FSCL>FP#111111111111;R#111111111111110;RR#11111;
AF#11111111111111111111111;
AL#1111;T#11111111;</FSCL>
        </FunctionalRights>
        <FunctionalRights>
            <ID>2</ID>
            <UserGroupRoleID>5</UserGroupRoleID>
            <UserGroupRoleName>tanu</UserGroupRoleName>
            <UserGroupRoleFlag>U</UserGroupRoleFlag>
            <FSCL>FP#111111111111;R#1111000110111;
RR#11111111;AF#11111111111111111111111;
AL#1111;T#11111111;</FSCL>
        </FunctionalRights>
    </FunctionalRightsList>
</NGRM_GetListOfFunctionalRights_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful
NoOfTuplesFetched	Root		Number of items to fetched
FunctionalRightsList	Root		Parent tag for list
FunctionalRights	FunctionalRightsList		Sub Tag for each entry
ID	FunctionalRights		Unique ID
UserGroupRoleID	FunctionalRights		User/Group/Role ID
UserGroupRoleName	FunctionalRights		User/Group/Role Name
UserGroupRoleFlag	FunctionalRights		User-'U'/Group-'G'/Role-'R' Flag
FSCL	FunctionalRights		Right String

Errors and warnings

NGRM_SetFunctionalRights

This call allows setting the Functional Rights for user.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetFunctionalRights_Input>
    <Option>NGRM_SetFunctionalRights</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FunctionalRights>
        <UserGroupRoleID>1</UserGroupRoleID>
        <UserGroupRoleFlag>U</UserGroupRoleFlag>
        <FSCL>FP#111111111111;R#000000000000000;RR#0000000;AF#000
0000000000000000000000;AL#000;T#000000;</FSCL>
```

```
    </FunctionalRights>
</NGRM_SetFunctionalRights_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	It refers to the case sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	Not applicable
CabinetName	Root	String	It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	Not applicable
UserDBId	Root	int	It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	Not applicable
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Not applicable
UserGroupRoleID	FunctionalRights	int		Not applicable
UserGroupRoleFlag	FunctionalRights	String		Not applicable
FSCL	FunctionalRights	String		Not applicable

Sample response

```
<NGRM_SetFunctionalRights_Output>
    <Option>NGRM_SetFunctionalRights</Option>
    <Status>0</Status>
    <FunctionalRights>
        <ID>1</ID>
        <UserGroupRoleID>1</UserGroupRoleID>
        <UserGroupRoleName></UserGroupRoleName>
        <UserGroupRoleFlag>U</UserGroupRoleFlag>
        <FSCL>FP#111111111111;R#000000000000000;RR#
0000000;AF#00000000000000000000000000;AL#000;T#000000;</FSCL>
    </FunctionalRights>
</NGRM_SetFunctionalRights_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		

Errors and warnings

NGRM_GetFunctionalRights

This call is used to get functional security rights for user/group/role.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetFunctionalRights_Input>
    <Option>NGRM_GetFunctionalRights</Option>
```

```
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FunctionalRights>
        <UserGroupRoleID>1</UserGroupRoleID>
        <UserGroupRoleFlag>U</UserGroupRoleFlag>
    </FunctionalRights>
</NGRM_GetFunctionalRights_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	int	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
FunctionalRights	Root		Parent tag • Valid values — Not applicable • Default values — Not applicable	Yes
UserGroupRoleID	FunctionalRights	int	User/Group/Role ID • Valid values — Not applicable • Default values — Not applicable	Yes
UserGroupRoleFlag	FunctionalRights	String	User-'U'/Group-'G'/Role-'R' Flag • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetFunctionalRights_Output>
    <Option>NGRM_GetFunctionalRights</Option>
    <Status>0</Status>
    <FunctionalRights>
        <ID>0</ID>
        <UserGroupRoleID>1</UserGroupRoleID>
        <UserGroupRoleName></UserGroupRoleName>
        <UserGroupRoleFlag>U</UserGroupRoleFlag>
        <FSCL>FP#1111111111111111;R#11111111111111
```

```
11111111;RR#11111111;AF#11111111111111111111111111;AL#1111;T#11111111;</FSCL>
    </FunctionalRights>
</NGRM_GetFunctionalRights_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful
NoOfTuplesFetched	Root		Number of items to fetched
FunctionalRights	Root		Parent tag
ID	FunctionalRights		Unique ID
UserGroupRoleID	FunctionalRights		User/Group/Role ID
UserGroupRoleName	FunctionalRights		User/Group/Role Name
UserGroupRoleFlag	FunctionalRights		User-'U'/Group-'G'/Role-'R' Flag
FSCL	FunctionalRights		Right String

Errors and warnings

NGRM_RevokeFunctionalRights

This call is used to revoke functional security rights for user/group/role.

Sample request

```
<?xml version="1.0"?>
<NGRM_RevokeFunctionalRights_Input>
    <Option>NGRM_RevokeFunctionalRights</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FunctionalRights>
        <UserGroupRoleID>1</UserGroupRoleID>
        <UserGroupRoleFlag>U</UserGroupRoleFlag>
    </FunctionalRights>
</NGRM_RevokeFunctionalRights_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_RevokeFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Int	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
FunctionalRights	Root	Int	Parent tag • Valid values — Not applicable • Default values — Not applicable	Yes
UserGroupRoleID	FunctionalRights	Int	User/Group/Role ID • Valid values — Not applicable • Default values — Not applicable	Yes
UserGroupRoleFlag	FunctionalRights	String	User-'U'/Group-'G'/Role-'R' Flag • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_RevokeFunctionalRights_Output>
    <Option>NGRM_RevokeFunctionalRights</Option>
    <Status>0</Status>
</NGRM_RevokeFunctionalRights_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_RevokeFunctionalRights* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful

Errors and warnings

NGRM_SetSecurityClassification

To set the security classification level.

Sample request

```
<?xml version=""1.0""?>
<NGRM_SetSecurityClassification_Input>
   <Option>NGRM_SetSecurityClassification</Option>
   <CabinetName>testdod</CabinetName>
   <UserDBId>-536387751</UserDBId>
   <AccessDetails>oauth-access-token</AccessDetails>
   <SCID>12345</SCID>
   <SecurityClassificationLevel>5</SecurityClassificationLevel>
   <SecurityClassificationName>Confidential</SecurityClassificationName>
   <ENABLE_MARVIN>Y</ENABLE_MARVIN>
   <ACTION_FLAG>Update</ACTION_FLAG>
   <Locale>en-US</Locale>
</NGRM_SetSecurityClassification_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetSecurityClassification* API:

Parameter	Parent tag	Data type	Description	Mandatory
CabinetName	NGRM_SetSecurity Classification_Input		Name of the cabinet. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	NGRM_SetSecurity Classification_Input		Database ID of the user. • Valid values — Not applicable • Default values — Not applicable	
AccessDetails	NGRM_SetSecurity Classification_Input		Access details for OAuth. • Valid values — Not applicable • Default values — Not applicable	
SCID	NGRM_SetSecurity Classification_Input		Security classification ID. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent tag	Data type	Description	Mandatory
SecurityClassification Level	NGRM_SetSecurity Classification_Input		Level of security classification. • Valid values — Not applicable • Default values — Not applicable	
SecurityClassification Name	NGRM_SetSecurity Classification_Input		Name of the security classification. • Valid values — Not applicable • Default values — Not applicable	
ENABLE_MARVIN	NGRM_SetSecurity Classification_Input		Enable the Marvin flag. • Valid values — Not applicable • Default values — Not applicable	
ACTION_FLAG	NGRM_SetSecurity Classification_Input		Action flag for the operation. • Valid values — Not applicable • Default values — Not applicable	
Locale	NGRM_SetSecurity Classification_Input		Locale of the request. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent tag	Data type	Description	Mandatory
EndDate	NGRM_SetSecurity Classification_Input		End date for the hold, if applicable. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_SetSecurityClassification>
   <Option>NGRM_SetSecurityClassification</Option>
   <Status>0</Status>
</NGRM_SetSecurityClassification_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetSecurityClassification* API:

Parameter	Parent tag	Description
Option	NGRM_SetSecurityClassification_Input	Option value associated with the classification.
Status	NGRM_SetSecurityClassification_Input	Status value of the security classification.

Error codes and description

The following table describes the error codes and description of the Set Security Classification API:

Error Code	Suggestions	Error Code Description
-504	RM_TRANSACTION_NOT_FOUND	Transaction not found
-502	RM_TRY_AGAIN	Some errors occured at the server. Please try again or contact your server. Administrator
-508	RM_JTS_ERROR	Indicates a failure in the transaction management or resource coordination within a disturbed system using Java Transaction Service (JTS).
-501	RM_DATABASE_ERROR	Some Errors occured in the database. Contact your database administrator or try again after some time.

NGRM_GetListOfSecurityClassification

This call is used to get a list of security classification names.

Sample request

```
<?xml version="" 1.0"" ?>
<NGRM_GetListOfSecurityClassification_Input>
   <Option>NGRM_GetListOfSecurityClassification</Option>
   <CabinetName>rms4sql_5july</CabinetName>
   <UserDBId>-1312670007</UserDBId>
   <OrderBy>1</OrderBy>
   <SortOrder>D</SortOrder>
   <FetchAllTranslations>N</FetchAllTranslations>
   <Locale>en</Locale>
</NGRM_GetListOfSecurityClassification_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfSecurityClassification* API:

Parameter	Parent Tag	Paramter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	Yes
OrderBy	Root	Integer	Criteria on which user wants to sort • Valid values — Y for yes and N for No • Default values — Not applicable	No
SortOrder	Root	String	Ascending or Descending • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Paramter Type	Description	Mandatory
Locale	Root	String	It specifies that browser language • Valid values — Not applicable • Default values — Not applicable	Yes
FetchAllTranslations	Root	String	To get values in all locales • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version=""1.0""?>
<NGRM_GetListOfSecurityClassification_Output>
   <Option>NGRM_GetListOfSecurityClassification</Option>
   <Status>0</Status>
   <SecurityClassificationList>
       <SecurityClassification>
           <SCID>5</SCID>
           <SecurityClassificationLevel>4</SecurityClassificationLevel>
           <SecurityClassificationName>Top Secret</SecurityClassificationName>
       </SecurityClassification>
       <SecurityClassification>
           <SCID>4</SCID>
           <SecurityClassificationLevel>3</SecurityClassificationLevel>
           <SecurityClassificationName>Secret</SecurityClassificationName>
       </SecurityClassification>
       <SecurityClassification>
           <SCID>3</SCID>
           <SecurityClassificationLevel>2</SecurityClassificationLevel>
           <SecurityClassificationName>Restricted</SecurityClassificationName>
       </SecurityClassification>
       <SecurityClassification>
           <SCID>2</SCID>
           <SecurityClassificationLevel>1</SecurityClassificationLevel>
           <SecurityClassificationName>Confidential</SecurityClassificationName>
       </SecurityClassification>
```

```
        <SecurityClassification>
            <SCID>1</SCID>
            <SecurityClassificationLevel>0</SecurityClassificationLevel>
            <SecurityClassificationName>Unclassified</SecurityClassificationName>
        </SecurityClassification>
    </SecurityClassificationList>
</NGRM_GetListOfSecurityClassification_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfSecurityClassification* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call
Status	Root	0 if the call is successful
SecurityClassificationList	Root	Parent tag for Security Classification List
SecurityClassification	Failed List	All information related to the security classification level
SCID	SecurityClassification	Id of Security Classification
SecurityClassificationLevel	SecurityClassification	Level of Security Classification
SecurityClassificationName	SecurityClassification	Name of Security Classification

Errors and warnings

The following table describes the error codes and warnings generated by the *NGRM_GetListOfSecurityClassification* API:

Error code	Description
-501	Database error
-511	Invalid parameters
-512	System error

Error code	Description
-502	Server error
-513	Unknown error

Bulk Export and Import

This section provides information about exporting and importing the folders and records APIs in bulk.

NGRM ExportFolder

This function calls to bulk Export of Folder. It is used to Handle the Mechanism of Folder Export in RMS.

Sample request

```
<?xml version="1.0"?>
<NGRM_ExportFolder_Input>
    <Option>NGRM_ExportFolder</Option>
    <CabinetName>sp2march03</CabinetName>
    <UserDBId>2091098430</UserDBId>
    <FolderIndex>2320</FolderIndex>
    <BatchSize>10000</BatchSize>
    <StartFrom>0</StartFrom>
</NGRM_ExportFolder_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ExportFolder* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			• Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the *NGOExportFolder* call. • Valid values — Not applicable • Default values — Not applicable	
FolderIndex	Root		Folder index of Filepart • Valid values — Not applicable • Default values — Not applicable	
BatchSize	Root		Batch of exported data in one call • Valid values — Not applicable • Default values — Not applicable	
StartFrom	Root		Starting time of the batch • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_ExportFolder_Output>
    <Option>NGRM_ExportFolder</Option>
    <Status>0</Status>
    <FolderDataPath>D:\SP2Setup\jboss-eap-7.4.0\jboss-
eap-7.4\bin\Newgen\NGTemp\rms\BulkExport\Folder\ExportData_2023-5-1-17-22-1626.zip</
FolderDataPath>
    <LastIndex>2323</LastIndex>
    <NoOfRecordsFetched>4</NoOfRecordsFetched>
    <TotalNoOfRecords>4</TotalNoOfRecords>
</NGRM_ExportFolder_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_ExportFolder* API:

Name	Parent Tag	Description
Option	Root	The option for export folder
Status	Root	Status of the export operation
FolderDataPath	Root	Path to the exported folder data
LastIndex	Root	Last index processed during export
NoOfRecordsFetched	Root	Number of records fetched during export
TotalNoOfRecords	Root	Total number of records in the export data

Errors and warnings

The following table describes the error codes and description of the *NGRM_ExportFolder* API:

Error Code	Error Code Description	Suggestions
501	RM_DATABASE_ERROR	Some Errors occurred in the Database. Contact Your Database Administrator or try again after some time.
-1	RM_FAIL	Transaction Failed
-12002	RM_Folder_Not_Exists	Folder Not Exists
-504	RM_TRANSACTION_NOT_FOUND	Transaction not Found.
-505	RM_NO_RIGHT_FOR_CURRENT_OPERATION	No Rights for the current operation.
-503	RM_INVALID_USERDBID	Session Expired. Please Login Again.

NGRM ImportFolder

This API calls for bulk import of folder. It is used to Handle the Mechanism of Folder Import in RMS.

Sample request

```
<?xml version="1.0"?>
<NGRM_ImportFolder_Input>
    <Option>NGRM_ImportFolder</Option>
    <CabinetName>sp2orcapril24</CabinetName>
    <UserDBId>780300067</UserDBId>
    <FolderDataPath>D:\SP2Setup\jboss-eap-7.4.0\jboss-
eap-7.4\bin\Newgen\NGTemp\rms\BulkExport\Folder\ExportData_2023-5-1-17-22-1626.zip</
FolderDataPath>
    <ValidateLocBox>Y</ValidateLocBox>
    <DefaultLocId>-1</DefaultLocId>
    <DefaultBoxId>-1</DefaultBoxId>
    <ParentFolderId>-1</ParentFolderId>
</NGRM_ImportFolder_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ImportFolder* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the *NGOExportFolder* call. • Valid values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			• Default values — Not applicable	
FolderDataPath	Root		Path of Exported Folder Data Zip file • Valid values — Not applicable • Default values — Not applicable	
ValidateLocBox	Root		Validation of loc boxes • Valid values — Y or N • Default values — Y	
DefaultLocID	Root		Specify the default location ID for data import • Valid values — Not applicable • Default values — -1	
DefaultBoxID	Root		Specify the default box ID for data import • Valid values — Not applicable • Default values — -1	
ParentFolderID	Root		Parent Folder ID at destination where data need to be imported. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_ImportFolder_Output>
    <Option></Option>
    <Status></Status>
</NGRM_ImportFolder_Output>
```

Response paramter description

The following table describes the output parameters for the *NGRM_ImportFolder* API:

Name	Parent Tag	Description
Option	Root	The option for import folder
Status	Root	Status of the import operation

Errors and warnings

The following table describes the error codes and description of the *NGRM_ImportFolder* API:

Error Code	Error Code Description	Suggestions
-501	RM_DATABASE_ERROR	Some Errors occurred in the Database. Contact Your Database Administrator or try again after some time.
-502	RM_TRY_AGAIN	Some Errors occurred at the Server. Please try again or Contact Your Server Administrator.
-6026	RMSERR.RM_PARENT_FOLDER_NOT_EXIST	Parent Folder does not exist.
-504	RM_TRANSACTION_NOT_FOUND	Transaction not Found.
-505	RM_NO_RIGHT_FOR_CURRENT_OPERATION	No Rights for the current operation.
-503	RM_INVALID_USERDBID	Session Expired. Please Login Again.
-6027	RM_PARENT_FOLDER_NOT_CLASS	Parent Folder not a Class.
-6026	RM_PARENT_FOLDER_NOT_EXIST	Parent Folder does not exist.

NGRM_ExportRecord

This API calls to bulk Export of Record. It is used to Handle the Mechanism of Record Export in RMS.

Sample request

```
<?xml version="1.0"?>
<NGRM_ExportRecord_Input>
    <Option>NGRM_ExportRecord</Option>
    <CabinetName>sp2march03</CabinetName>
    <UserDBId>789843169</UserDBId>
    <FolderIndex>2344</FolderIndex>
    <BatchSize>10000</BatchSize>
    <StartFrom>0</StartFrom>
</NGRM_ExportRecord_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ExportRecord* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the *NGOExportFolder* call. • Valid values — Not applicable • Default values — Not applicable	
FolderIndex	Root		Folder index of Filepart • Valid values — Not applicable • Default values — Not applicable	
BatchSize	Root		Batch of exported data in one call • Valid values — Not applicable • Default values — Not applicable	
StartFrom	Root		Starting time of the batch • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_ExportRecord_Output>
    <Option>NGRM_ExportRecord</Option>
    <Status>0</Status>
    <RecordDataPath>D:\SP2Setup\jboss-eap-7.4.0\jboss-
eap-7.4\bin\Newgen\NGTemp\rms\BulkExport\Record\ExportData_2023-5-20-16-37-47687.zip</
RecordDataPath>
    <LastIndex>1644</LastIndex>
    <NoOfRecordsFetched>12</NoOfRecordsFetched>
    <TotalNoOfRecords>12</TotalNoOfRecords>
</NGRM_ExportRecord_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_ExportRecord* API:

Name	Parent Tag	Description
Option	Root	The option for export folder
Status	Root	Status of the export operation
FolderDataPath	Root	Path to the exported folder data
LastIndex	Root	Last index processed during export
NoOfRecordsFetched	Root	Number of records fetched during export
TotalNoOfRecords	Root	Total number of records in the export data

Errors and warnings

The following table describes the error codes and description of the *NGRM_ExportRecord* API:

Error Code	Error Code Description	Suggestions
501	RM_DATABASE_ERROR	Some Errors occurred in the Database. Contact Your Database Administrator or try again after some time.
-1	RM_FAIL	Transaction Failed
-504	RM_TRANSACTION_NOT_FOUND	Transaction not Found.
-505	RM_NO_RIGHT_FOR_CURRENT_OPERATION	No Rights for the current operation.
-503	RM_INVALID_USERDBID	Session Expired. Please Login Again.

NGRM ImportRecord

This API calls for bulk import of record. It is used to Handle the Mechanism of Record Import in RMS.

Sample request

```
<?xml version="1.0"?>
<NGRM_ImportRecord_Input>
    <Option>NGRM_ImportFolder</Option>
    <CabinetName>sp2orcapril24</CabinetName>
    <UserDBId>780300067</UserDBId>
    <RecordDataPath>D:\SP2Setup\jboss-eap-7.4.0\jboss-
eap-7.4\bin\Newgen\NGTemp\rms\BulkExport\Folder\ExportData_2023-5-1-17-22-1626.zip</
FolderDataPath>
    <ValidateLocBox>Y</ValidateLocBox>
    <DefaultLocId>-1</DefaultLocId>
    <DefaultBoxId>-1</DefaultBoxId>
    <ParentFolderId>-1</ParentFolderId>
</NGRM_ImportRecord_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ImportRecord* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the call. • Valid values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
			• Default values — Not applicable	
FolderDataPath	Root		Path of Exported Folder Data Zip file • Valid values — Not applicable • Default values — Not applicable	
ValidateLocBox	Root		Validation of loc boxes • Valid values — Y or N • Default values — Y	
DefaultLocID	Root		Specify the default location ID for data import • Valid values — Not applicable • Default values — -1	
DefaultBoxID	Root		Specify the default box ID for data import • Valid values — Not applicable • Default values — -1	
ParentFolderID	Root		Parent Folder ID at destination where data need to be imported. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_ImportRecord_Output>
    <Option></Option>
    <Status></Status>
</NGRM_ImportRecord_Output>
```

Response paramter description

The following table describes the output parameters for the *NGRM_ImportRecord* API:

Name	Parent Tag	Description
Option	Root	The option for Importing records
Status	Root	Status of the import operation

Errors and warnings

The following table describes the error codes and description of the *NGRM_ImportRecord* API:

Error Code	Error Code Description	Suggestions
-501	RM_DATABASE_ERROR	Some Errors occurred in the Database. Contact Your Database Administrator or try again after some time.
-502	RM_TRY_AGAIN	Some Errors occurred at the Server. Please try again or Contact Your Server Administrator.
-6026	RMSERR.RM_PARENT_FOLDER_NOT_EXIST	Parent Folder does not exist.
-504	RM_TRANSACTION_NOT_FOUND	Transaction not Found.
-505	RM_NO_RIGHT_FOR_CURRENT_OPERATION	No Rights for the current operation.
-503	RM_INVALID_USERDBID	Session Expired. Please Login Again.
-6027	RM_PARENT_FOLDER_NOT_CLASS	Parent Folder not a Class.
-6026	RM_PARENT_FOLDER_NOT_EXIST	Parent Folder does not exist.

Link Type

The Link Type consists of the following APIs:

NGRM_GetListOfLinks

This call is used to fetch all the types of links that have created in RMS Admin.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetListOfLinks_Input>
    <Option>NGRM_GetListOfLinks</Option>
    <CabinetName>rms4orc</CabinetName>
    <UserDBId>-1359987061</UserDBId>
    <LogGeneration>n</LogGeneration>
    <OrderBy>2</OrderBy>
    <SortOrder>A</SortOrder>
    <FetchCount>100</FetchCount>
    <PreviousIndex>0</PreviousIndex>
    <LastSortField/>
    <Locale>en</Locale>
    <FetchAllTranslations>N</FetchAllTranslations>
</NGRM_GetListOfLinks_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetListOfLinks* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root	String	Refers to the case sensitive call name • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y/N • Default values — N	No
OrderBy	Root	Integer	Sorting fetched list by column. • Valid values — Not applicable • Default values — 2 (for example, amont 1,2,3,... taking 2 as the modified date column name.)	Yes
SortOrder	Root	String	Order by which list should be sorted: ascending or descending • Valid values — Not applicable • Default values — A (A=Ascending, D=Descending)	Yes
FetchCount	Root	Integer	Maximum number of list count which can be fetched in a single call. • Valid values — Not applicable • Default values — 100	Yes
PreviousIndex	Root	Integer	Used to provide the offset from which index list should be fetched. • Valid values — Not applicable • Default values — 0	Yes
LastSortField	Root	Integer	Last sorted by which column. • Valid values — Not applicable • Default values — Not applicable	No
			Language of the browser.	

Sample response

```
<?xml version="1.0"?>
<NGRM_GetListOfLinks_Output>
    <Option>NGRM_GetListOfLinks</Option>
    <Status>0</Status>
    <NoOfLinksFetched>1</NoOfLinksFetched>
    <TotalNoOfLinksFetched>1</TotalNoOfLinksFetched>
    <Links>
        <Link>
            <LinkID>101</LinkID>
            <LinkType>filehimanshu</LinkType>
            <LinkDescription>mnbnm</LinkDescription>
            <RelatedLinkID>0</RelatedLinkID>
            <TranslatedValues/>
        </Link>
    </Links>
</NGRM_GetListOfLinks_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetListOfLinks* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	Status value of the security classification.
NoOfLinksFetched	Root	No of the list count fetched
TotalNoOfLinksFetched	Root	Total No of the list count fetched
LinK	Link	Contains metadata about one link type
LinkID	Link	Auto generated Id of Link Type
LinkType	Link	Name of the retention rule
LinkDescription	Link	Description associated with Link Type
RelatedLinkID	Link	ID of the related link type
TranslatedValues	Link	Translated value

Errors and warnings

The following table describes the error codes and description of the Get List of Links API:

Error Code	Suggestions	Error Code Description
-501		Some Error occurred at Database. Contact Your Database Administrator or try again after some time.
-502		Some Error occurred at Server. Please try again or Contact Your Server Administrator.

NGRM CreateLinkType

This call is used to create link type from RMS Admin.

Sample request

```
<?xml version="1.0"?>
<NGRM_CreateLinkType_Input>
    <Option>NGRM_CreateLinkType</Option>
    <CabinetName>postcab11</CabinetName>
    <UserDBId>1763574570</UserDBId>
    <LogGeneration>n</LogGeneration>
    <LinkType>link type 01</LinkType>
    <LinkDescription>desp</LinkDescription>
    <RelatedLinkID>0</RelatedLinkID>
</NGRM_CreateLinkType_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_LinkType* API:

Parameter	Parent tag	Data type	Description	Mandatory
Option	Root		Unique option for the call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root		Name of the cabinet to which the user wants connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Integer		Database ID of the user. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root		Allows log generation. • Valid values — Y/N (Y=Yes, N=No) • Default values — N	No
LinkType	Root		Name of the link type that user wants to create. • Valid values — Not applicable • Default values — Not applicable	Yes
LinkDescription	Root		Description of the link type. • Valid values — Not applicable • Default values — Not applicable	Yes
RelatedLinkID	Root		ID of the related link type. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_CreateLinkType_Output>
    <Option>NGRM_CreateLinkType</Option>
    <Status>0</Status>
    <LinkID>106</LinkID>
    <LinkType>link type 01</LinkType>
    <LinkDescription>desp</LinkDescription>
    <RelatedLinkID>0</RelatedLinkID>
```

```
    <TranslatedValues/>
</NGRM_CreateLinkType_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_CreateLinkType* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	Status value of the security classification.
LinkID	Root	Autogenerated ID of link type.
LinkType	Root	Name of the retention rule.
LinkDescription	Root	Description associated with link type.
RelatedLinkID	Root	ID of the related link type.
TranslatedValues	Root	Translated link type values.

Errors and warnings

The following table describes the error codes and description of the Set Security Classification API:

Error Code	Suggestions	Error Code Description
-14017		Link type already exists
-14018		Related link type is already related.
-501		Some Errors occured in the database. Contact your database administrator or try again after some time.
-13095		Rendition cannot be created.

NGRM_DeleteLinkType

This call is used to delete the link type from RMS Admin.

Sample request

Input XML

```
<NGRM_DeleteLinkType_Input>
    <Option>NGRM_DeleteLinkType</Option>
    <CabinetName>rms4orc</CabinetName>
    <UserDBId>1668107530</UserDBId>
    <LogGeneration>n</LogGeneration>
    <LinkID>101</LinkID>
</NGRM_DeleteLinkType_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteLinkType* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root	String	Refers to the case sensitive call name • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y/N • Default values — N	No
LinkID	Root	Integer	ID associated with link type in DB. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
 <NGRM_DeleteLinkType_Output>
    <Option>NGRM_DeleteLinkType</Option>
    <Status>0</Status>
</NGRM_DeleteLinkType_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteLinkType* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.

Parameter	Parent tag	Description
Status	Root	Status value of the security classification.

Errors and warnings

NGRM_GetLinkProperties

This call is used to get the properties of the link type from RMS Admin.

Sample request

```
<NGRM_GetLinkProperties_Input>
<Option>NGRM_GetLinkProperties</Option>
<CabinetName>rms4orc</CabinetName>
<UserDBId>1668107530</UserDBId>
<LogGeneration>n</LogGeneration>
<LinkID>101</LinkID>undefined
</NGRM_GetLinkProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetLinkProperties* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root	String	Refers to the case sensitive call name • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation. • Valid values — Y/N • Default values — N	No
LinkID	Root	Int	ID associated with link type inDB • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetLinkProperties_Output>
    <Option>NGRM_GetLinkProperties</Option>
    <Status>0</Status>
    <LinkID>101</LinkID>
    <LinkType>filehimanshu</LinkType>
    <LinkDescription>mnbnm</LinkDescription>
    <RelatedLinkID>0</RelatedLinkID>
</ NGRM_GetLinkProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetCabinet* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	Status value of the security classification.
LinkID	Root	Name of the retention rule.
LinkDescription	Root	Description associated with Link Type.
RelatedLinkID	Root	ID of the related link type.

Errors and warnings

The following table describes the error codes and description of the Delete Supplemental Marking API:

Error Code	Error Code Description
-501	Some Error occurred at Database. Contact Your Database Administrator or try again after some time.
-502	Some Error occurred at Server. Please try again or Contact Your Server Administrator.

Hold Type

The Hold Type consist of following APIs:

- NGRM_GetHoldTypeList
- NGRM_ManageHoldType

NGRM_GetHoldTypeList

This function calls to get the list of Hold types.

Sample request

Input XML

```
<?xml version="1.0"?>
<NGRM_GetHoldTypeList_Input>
<Option>NGRM_GetHoldTypeList</Option>
<CabinetName>postgres17</CabinetName>
<UserDBId>-304051643</UserDBId>
<LogGeneration> </LogGeneration>
<StartFrom>1</StartFrom>
<NoOfItemsFetched>10</NoOfItemsFetched>
<SortOrder>A</SortOrder>
<OrderBy>1</OrderBy>
<HoldStatus/>
<Criteria>
<Criterion>
<CriterionName>name</CriterionName>
<CriterionValue>b*</CriterionValue>
<CriterionOperator>=</CriterionOperator>
<CriterionJoin>AND</CriterionJoin>
</Criterion>
</Criteria>
</NGRM_GetHoldTypeList_Input>
```

Request parameter description

The following table describes the request parameters of the *NGRM_GetHoldTypeList* API:

Field name	Parent tag	Parameter data type	Description	Mandatory
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID returned by the system. • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Details regarding log generation. • Valid values — Not applicable • Default values — Not applicable	No

Field name	Parent tag	Parameter data type	Description	Mandatory
StartFrom	Root	Integer	Starting index for fetching items. • Valid values — Not applicable • Default values — Not applicable	Yes
NoOfItemsFetched	Root	Integer	Number of items to fetch in the query. • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Sort order for items, e.g., ascending. • Valid values — Not applicable • Default values — Not applicable	No

Field name	Parent tag	Parameter data type	Description	Mandatory
OrderBy	Root	Integer	Criteria used for ordering results. • Valid values — Not applicable • Default values — Not applicable	No
HoldStatus	Root	String	Optional hold status filter. • Valid values — Not applicable • Default values — Not applicable	No
Criteria	Root	String	Criteria to filter search results. • Valid values — Not applicable • Default values — Not applicable	No

Field name	Parent tag	Parameter data type	Description	Mandatory
Criterion	Criteria	Array	A list of individual criteria. • Valid values — Not applicable • Default values — Not applicable	Yes
CriterionName	Criterion	String	The name of the criterion. • Valid values — Not applicable • Default values — Not applicable	Yes
CriterionValue	Criterion	String	The value being evaluated. • Valid values — Not applicable • Default values — Not applicable	Yes

Field name	Parent tag	Parameter data type	Description	Mandatory
CriterionOperator	Criterion	String	The operator used for evaluation. • Valid values — Not applicable • Default values — Not applicable	Yes
CriterionJoin	Criterion	String	The logical join operator for criteria. • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_GetHoldTypeList_Output>
    <Option>NGRM_GetHoldTypeList</Option>
    <Status>0</Status>
    <HoldTypes>
        <HoldType>
            <HoldIndex>66</HoldIndex>
            <HoldName>Beta</HoldName>
            <StartDate>2024-11-06 00:00:00</StartDate>
            <EndDate>2024-12-01 00:00:00</EndDate>
            <HoldDescription>Description Four</HoldDescription>
            <HoldStatus>ACTIVE</HoldStatus>
        </HoldType>
        <HoldType>
            <HoldIndex>71</HoldIndex>
```

```
            <HoldName>xyz</HoldName>
            <StartDate>2024-12-01 00:00:00</StartDate>
            <EndDate>2024-12-05 00:00:00</EndDate>
            <HoldDescription>gggg</HoldDescription>
            <HoldStatus>ACTIVE</HoldStatus>
        </HoldType>
    </HoldTypes>
    <NoOfItemsFetched>3</NoOfItemsFetched>
    <TotalNoOfHolds>3</TotalNoOfHolds>
</NGRM_GetHoldTypeList_Output>
```

Response parameter description

The following table describes the output parameters for the *NGRM_GetHoldTypeList* API:

Parameter	Parent Tag	Description
HoldTypes	Root	List of HoldType items.
HoldIndex	HoldType	Index of the hold item.
HoldName	HoldType	Name of the hold item.
StartDate	HoldType	Start date of the hold.
EndDate	HoldType	End date of the hold.
HoldDescription	HoldType	Description of the hold.
HoldStatus	HoldType	Status of the hold.
NoOfItemsFetched	Root	Number of items fetched.
TotalNoOfHolds	Root	Total number of hold items.

Errors and warnings

The following table describes the error codes and description of the GetHold Type API:

Error Code	Suggestions	Error Code Description
-508	RM_JTS_ERROR	Failure in the transaction management or resource coordination within a distributed system using Java Transaction Service (JTS).
-502	RM_TRY_AGAIN	Some errors occured at the server. Please try again or contact your server. Administrator

NGRM_ManageHoldType

This function calls to add, delete, modify all the hold types.

Sample request

```
<?xml version=""1.0""?>
<NGRM_ManageHoldType_Input>
   <Option>NGRM_ManageHoldType</Option>
   <CabinetName>postgres17</CabinetName>
   <UserDBId>-304051643</UserDBId>
   <LogGeneration></LogGeneration>
   <HoldTypes>
       <HoldType>
           <HoldIndex>0</HoldIndex>
           <HoldName>New Name</HoldName>
           <HoldDescription>asdfg</HoldDescription>
           <StartDate>2024-12-24</StartDate>
           <HoldAction>A</HoldAction>
           <EndDate/>
       </HoldType>
   </HoldTypes>
</NGRM_ManageHoldType_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_ManageHoldType* API:

Field name	Parent tag	Parameter data type	Description	Mandatory
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	UserDatabase ID returned by the system. • Valid values — Not applicable • Default values — Not applicable	Yes

Field name	Parent tag	Parameter data type	Description	Mandatory
LogGeneration	Root	String	Optional log generation details. • Valid values — Not applicable • Default values — Not applicable	No
HoldTypes	Root	Array	List of hold types to be managed. • Valid values — Not applicable • Default values — Not applicable	Yes
HoldIndex	HoldType	Integer	Index of the hold. • Valid values — Not applicable • Default values — Not applicable	Yes

Field name	Parent tag	Parameter data type	Description	Mandatory
HoldName	HoldType	String	Name of the hold. • Valid values — Not applicable • Default values — Not applicable	Yes
HoldDescription	HoldType	String	Description of the hold. • Valid values — Not applicable • Default values — Not applicable	No
StartDate	HoldType	Date	Start date for the hold. • Valid values — Not applicable • Default values — Not applicable	Yes

Field name	Parent tag	Parameter data type	Description	Mandatory
HoldAction	HoldType	String	Action to be performed on the hold. • Valid values — Not applicable • Default values — Not applicable	Yes
EndDate	HoldType	Date	End date for the hold, if applicable. • Valid values — Not applicable • Default values — Not applicable	No

Sample response

```
<NGRM_ManageHoldType_Output>
    <Option>NGRM_ManageHoldType</Option>
    <Status>0</Status>
</NGRM_ManageHoldType_Output>
```

Response parameter description

Field name	Parent Tag	Description
Option	Root	The name of the API itself.

Field name	Parent Tag	Description
Status	Root	Status of the operation.

Errors and warnings

The following table describes the error codes and description of the Manage Hold Type API:

Error Code	Suggestions	Error Code Description
-508	RM_JTS_ERROR	Failure in the transaction management or resource coordination within a distributed system using Java Transaction Service (JTS).
-502	RM_TRY_AGAIN	Some errors occured at the server. Please try again or contact your server. Administrator
-501	RM_DATABASE_ERROR	Try again after some time.
-18006	RM_HOLDNAME_ALREADY_EXISTS	When the same hold name already exists.
-18007	RM_STARTDATE_ENDDATE_NOT_SAME	When start and end date of hold type are put same.
-18003	RM_UNABLE_TO_DELETE_HOLDTYPE	user try to delete the hold type applied on any record.
-18004	RM_INVALID_HOLDTYPE_INDEX	HoldType Index not found
-18002	RM_EMPTY_START_DATE	User puts start date as empty
-18001	RM_INVALID_HOLD_STARTDATE	Error occured when invalid start date applied

Preference Fields

The Preference Fields consists of the following APIs:

NGRM_SetItemProperties

This call allows setting the properties of the item.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_SetItemProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive callname • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
RequestReferenceID	Root			
ObjectID	Root			
ObjectType	Root			
TransferNoteID	Root			
RequestStatus	Root			
TransferStatus	Root			
ReceivedDate	Root			

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_SetItemProperties* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		

Errors and warnings

NGRM_SetPreferenceFields

This call allows setting the user preferences.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetPreferenceFields_Input>
    <Option>NGRM_SetPreferenceFields</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Preference_fields>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>FolderListBatch</PreferenceFieldName>
            <PreferenceFieldValue>20</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>SearchResultListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
```

```
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>RecordListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>UserListBatch</PreferenceFieldName>
            <PreferenceFieldValue>10</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>PickListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultClassTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFileTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFilePartTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultBoxTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultAdminTab</PreferenceFieldName>
            <PreferenceFieldValue>FileNumbering</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchRecordTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
```

```
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchFilePlanTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordPolicyTab</PreferenceFieldName>
            <PreferenceFieldValue>CutoffRolloverRules</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultInTrayTab</PreferenceFieldName>
            <PreferenceFieldValue>IncomingDocumentRequest</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPendingTrayTab</PreferenceFieldName>
            <PreferenceFieldValue>DocumentsWithMe</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSentItemsTab</PreferenceFieldName>
            <PreferenceFieldValue>OutgoingDocumentRequest</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultEMOption</PreferenceFieldName>
            <PreferenceFieldValue>null</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPROption</PreferenceFieldName>
            <PreferenceFieldValue>null</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DisplayFields</PreferenceFieldName>
            <PreferenceFieldValue>Category;;;</PreferenceFieldValue>
        </Preference_field>
    </Preference_fields>
</NGRM_SetPreferenceFields_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetPreferenceFields* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
UserIndex	Preference_field		It is the login user id. • Valid values — Not applicable • Default values — Not applicable	
PreferenceFieldName	Preference_field			
PreferenceFieldValue	Preference_field			

Sample response

```
<NGRM_SetPreferenceFields_Output>
    <Option>NGRM_SetPreferenceFields</Option>
    <Status>0</Status>
    <Preference_fields>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>FolderListBatch</PreferenceFieldName>
            <PreferenceFieldValue>20</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>SearchResultListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>RecordListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>UserListBatch</PreferenceFieldName>
            <PreferenceFieldValue>10</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>PickListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultClassTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFileTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFilePartTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordTab</PreferenceFieldName>
```

```
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultBoxTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultAdminTab</PreferenceFieldName>
            <PreferenceFieldValue>FileNumbering</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchRecordTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchFilePlanTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordPolicyTab</PreferenceFieldName>
            <PreferenceFieldValue>CutoffRolloverRules</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultInTrayTab</PreferenceFieldName>
            <PreferenceFieldValue>IncomingDocumentRequest</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPendingTrayTab</PreferenceFieldName>
            <PreferenceFieldValue>DocumentsWithMe</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSentItemsTab</PreferenceFieldName>
            <PreferenceFieldValue>OutgoingDocumentRequest</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultEMOption</PreferenceFieldName>
            <PreferenceFieldValue>null</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPROption</PreferenceFieldName>
            <PreferenceFieldValue>null</PreferenceFieldValue>
```

```
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DisplayFields</PreferenceFieldName>
            <PreferenceFieldValue>Category;;;</PreferenceFieldValue>
        </Preference_field>
    </Preference_fields>
</NGRM_SetPreferenceFields_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetPreferenceFields* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		Unique Option for the Call.
UserIndex	Preference_field		
PreferenceFieldName	Preference_field		
PreferenceFieldValue	Preference_field		
SubStatus	Preference_field		
ErrorMessage	Preference_field		

Errors and warnings

NGRM_GetPreferenceFields

This call allows getting the user preferences.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetPreferenceFields_Input>
```

```
    <Option>NGRM_GetPreferenceFields</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>906106139</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchDetails>y</FetchDetails>
    <Preference_fields>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>FolderListBatch</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>SearchResultListBatch</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>RecordListBatch</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>UserListBatch</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>PickListBatch</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DisplayFields</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultClassTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFileTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFilePartTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultBoxTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
```

```
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultAdminTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchRecordTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchFilePlanTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordPolicyTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultInTrayTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPendingTrayTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSentItemsTab</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultEMOption</PreferenceFieldName>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPROption</PreferenceFieldName>
        </Preference_field>
    </Preference_fields>
</NGRM_GetPreferenceFields_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetPreferenceFields* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y or N • Default values — Not applicable	
UserIndex	Preference_field		It is the login user id. • Valid values — Not applicable • Default values — Not applicable	
PreferenceFieldName	Preference_field			

Sample response

```
<NGRM_GetPreferenceFields_Output>
    <Option>NGRM_GetPreferenceFields</Option>
    <Status>0</Status>
```

```
    <Preference_fields>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultAdminTab</PreferenceFieldName>
            <PreferenceFieldValue>FileNumbering</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultBoxTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultClassTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultEMOption</PreferenceFieldName>
            <PreferenceFieldValue>null</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFilePartTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultFileTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultInTrayTab</PreferenceFieldName>
            <PreferenceFieldValue>IncomingDocumentRequest</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPendingTrayTab</PreferenceFieldName>
            <PreferenceFieldValue>DocumentsWithMe</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultPROption</PreferenceFieldName>
            <PreferenceFieldValue>null</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordPolicyTab</PreferenceFieldName>
            <PreferenceFieldValue>CutoffRolloverRules</PreferenceFieldValue>
        </Preference_field>
```

```
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultRecordTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchFilePlanTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSearchRecordTab</PreferenceFieldName>
            <PreferenceFieldValue>General</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DefaultSentItemsTab</PreferenceFieldName>
            <PreferenceFieldValue>OutgoingDocumentRequest</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>DisplayFields</PreferenceFieldName>
            <PreferenceFieldValue>Category;;</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>FolderListBatch</PreferenceFieldName>
            <PreferenceFieldValue>20</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>PickListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>RecordListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>SearchResultListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
        <Preference_field>
            <UserIndex>1</UserIndex>
            <PreferenceFieldName>UserListBatch</PreferenceFieldName>
            <PreferenceFieldValue>5</PreferenceFieldValue>
        </Preference_field>
    </Preference_fields>
```

```
    <RMSRootFolderID>-1</RMSRootFolderID>
</NGRM_GetPreferenceFields_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetPreferenceFields* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		Unique Option for the Call.
UserIndex	Preference_field		
PreferenceFieldName	Preference_field		
PreferenceFieldValue	Preference_field		
SubStatus	Preference_field		
ErrorMessage	Preference_field		

Errors and warnings

NGRM_DeletePreferenceFields

This call allows deleting the user preferences.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_DeletePreferenceFields* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
PreferenceFieldName	Preference_field			

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_DeletePreferenceFields* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		Unique Option for the Call.
UserIndex	Preference_field		
PreferenceFieldName	Preference_field		
PreferenceFieldValue	Preference_field		
SubStatus	Preference_field		
ErrorMessage	Preference_field		

Errors and warnings

Consignment

The CutOff Rule consists of the following APIs:

NGRM_AddItemsToConsignment

This call allows adding new items in the consignment.

Sample request

```
<?xml version="1.0"?>
<NGRM_AddItemsToConsignment_Input>
    <Option>NGRM_AddItemsToConsignment</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-940440473</UserDBId>
    <LogGeneration>y</LogGeneration>
    <ConsignmentID>0</ConsignmentID>
    <ConsignmentName>consg_1111</ConsignmentName>
    <AuthorizedBy>1</AuthorizedBy>
    <CreatedDate></CreatedDate>
    <Consignmentstatus>P</Consignmentstatus>
    <ItemList>
```

```
        <Item>
            <ItemID>120</ItemID>
            <ItemType>P</ItemType>
        </Item>
        <Item>
            <ItemID>133</ItemID>
            <ItemType>R</ItemType>
        </Item>
        <Item>
            <ItemID>134</ItemID>
            <ItemType>P</ItemType>
        </Item>
    </ItemList>
</NGRM_AddItemsToConsignment_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_AddItemsToConsignment* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		It refers to the case sensitive call name. • Valid values — Not applicable • Default values — Not applicable	
ConsignmentID	Root		It is the consignment id in which the item has to be added. • Valid values — Not applicable • Default values — Not applicable	
ItemID	Item		It is the document id which is added. • Valid values — Not applicable • Default values — Not applicable	
ItemType	Item		It is the document type which is added in consignment • Valid values: ◦ 'P'-FilePart ◦ 'R'-Record • Default values — Not applicable	

Sample response

```
<NGRM_AddItemsToConsignment_Output>
    <Status>0</Status>
    <Consignment>
        <ConsignmentID>5</ConsignmentID>
        <ConsignmentName>consg_1111</ConsignmentName>
        <AuthorizedBy>1</AuthorizedBy>
        <AuthorizedByUserName></AuthorizedByUserName>
        <CreatedDate></CreatedDate>
        <Consignmentstatus>P</Consignmentstatus>
        <FinalizedBy>0</FinalizedBy>
        <FinalizedByUserName></FinalizedByUserName>
        <FinalizedDate></FinalizedDate>
        <ItemList>
            <ItemID>120</ItemID>
            <ItemType>P</ItemType>
            <ItemID>133</ItemID>
            <ItemType>R</ItemType>
            <ItemID>134</ItemID>
            <ItemType>P</ItemType>
        </ItemList>
    </Consignment>
</NGRM_AddItemsToConsignment_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_AddItemsToConsignment* API:

Parameter	Parent Tag	Parameter Type	Description
Status	Root		
Error	Root		
ConsignmentID	Root		
ItemID	Item		
ItemType	Item		
SubStatus	Item		
ErrorMessage	Item		

Errors and warnings

NGRM_DeleteItemsFromConsignment

This call allows deleting items from consignment.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteItemsFromConsignment_Input>
    <Option>NGRM_DeleteItemsFromConsignment</Option>
    <ConsignmentID></ConsignmentID>
    <ItemList>
        <Item>
            <ItemID></ItemID>
            <ItemType></ItemType>
        </Item>
    </ItemList>
</NGRM_DeleteItemsFromConsignment_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteItemsFromConsignment* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	It refers to the case sensitive call name. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	String	It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
ConsignmentID	Root	String	It is the consignment id. • Valid values — Not applicable • Default values — Not applicable	Yes
ItemID	Item	String	It is the document id which has to be deleted from the consignment • Valid values — Not applicable • Default values — Not applicable	Yes
ItemType	Item	String	It is the document type which has to be deleted • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_DeleteItemsFromConsignment_Output>
    <Option>NGRM_DeleteItemsFromConsignment</Option>
    <ItemList>
        <Item>
            <ItemID></ItemID>
            <ItemType></ItemType>
            <SubStatus></SubStatus>
            <ErrorMessage></ErrorMessage>
        </Item>
    </ItemList>
</NGRM_DeleteItemsFromConsignment_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteItemsFromConsignment* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		
ItemID	Item		
ItemType	Item		
SubStatus	Item		
ErrorMessage	Item		

Errors and warnings

NGRM_GetConsignmentItems

This call is used to get list of all items in a consignment.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetConsignmentItems_Input>
    <Option>NGRM_GetConsignmentItems</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-940440473</UserDBId>
    <ConsignmentID>5</ConsignmentID>
    <FetchCount>1000</FetchCount>
    <SortOrder>A</SortOrder>
    <PreviousIndex>0</PreviousIndex>
</NGRM_GetConsignmentItems_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetConsignmentItems* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
ConsignmentID	Root		Id of consignment • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent Tag	Parameter Type	Description	Mandatory
FetchCount	Root		No. of items to fetch • Valid values — Not applicable • Default values — Not applicable	
SortOrder	Root		Ascending or Descending • Valid values — Not applicable • Default values — Not applicable	
PreviousIndex	Root		Previous index • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_GetConsignmentItems_Output>
    <Status>0</Status>
    <NoOfTuplesFetched>2</NoOfTuplesFetched>
    <ItemList>
        <Item>
            <IdentityCol>144</IdentityCol>
            <ItemID>1439</ItemID>
            <ItemType>R</ItemType>
            <ItemName>2000003580.pdf</ItemName>
            <RetentionRuleName>000_r3tdeletemetadata</RetentionRuleName>
            <PhysicalAction>S</PhysicalAction>
            <ElectronicAction>T</ElectronicAction>
            <DateReady>2012-04-12 15:49:46.0</DateReady>
        </Item>
        <Item>
            <IdentityCol>145</IdentityCol>
            <ItemID>423</ItemID>
            <ItemType>P</ItemType>
            <ItemName>EE</ItemName>
            <RetentionRuleName>Never</RetentionRuleName>
            <PhysicalAction>S</PhysicalAction>
            <ElectronicAction>T</ElectronicAction>
            <DateReady>2012-03-13 17:40:00.0</DateReady>
        </Item>
    </ItemList>
</NGRM_GetConsignmentItems_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetConsignmentItems* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful
NoOfTuplesFetched	Root		Number of items to fetched
ItemList	Root		Parent Tag for items list
Item	ItemList		Sub Tag for each item
IdentityCol	Item		Unique id for each item
ItemID	Item		Item(FilePart or Record) Index
ItemType	Item		Item Type ('P' or 'R')
ItemName	Item		Item Name
RetentionRuleName	Item		Name of retention rule applied on item
PhysicalAction	Item		Action to be taken on physical records
ElectronicAction	Item		Action to be taken on electronic records
DateReady	Item		Date to be disposed

Errors and warnings

NGRM_DeleteConsignment

This call is used to delete(undo) a consignment.

Sample request

```
<?xml version="1.0"?>
<NGRM_DeleteConsignment_Input>
    <Option>NGRM_DeleteConsignment</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-940440473</UserDBId>
    <Consignments>
        <Consignment>
            <ConsignmentID>2</ConsignmentID>
        </Consignment>
    </Consignments>
</NGRM_DeleteConsignment_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_DeleteConsignment* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
Consignments	Root		Parent Tag for consignments • Valid values — Not applicable • Default values — Not applicable	
Consignment	Consignments		Sub tag for each consignment • Valid values — Not applicable • Default values — Not applicable	
ConsignmentID	Consignment		consignment id • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<NGRM_DeleteConsignment_Output>
    <Status>0</Status>
    <Consignments>
        <Consignment>
            <ConsignmentID>2</ConsignmentID>
            <ConsignmentName></ConsignmentName>
            <AuthorizedBy>0</AuthorizedBy>
            <AuthorizedByUserName></AuthorizedByUserName>
            <CreatedDate></CreatedDate>
            <Consignmentstatus></Consignmentstatus>
            <FinalizedBy>0</FinalizedBy>
            <FinalizedByUserName></FinalizedByUserName>
            <FinalizedDate></FinalizedDate>
        </Consignment>
```

```
    </Consignments>
</NGRM_DeleteConsignment_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_DeleteConsignment* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful
Consignments	Root		Parent Tag for consignments
Consignment	Consignments		Sub tag for each consignment
ConsignmentID	Consignment		consignment id

Errors and warnings

NGRM_GetConsignmentList

This call is used to get list of all consignments.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetConsignmentList_Input>
    <Option>NGRM_GetConsignmentList</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-940440473</UserDBId>
    <FetchCount>5</FetchCount>
    <SortOrder>A</SortOrder>
    <OrderBy>2</OrderBy>
    <PreviousIndex>0</PreviousIndex>
```

```
    <LastSortField></LastSortField>
    <Consignmentstatus>F</Consignmentstatus>P
</NGRM_GetConsignmentList_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetConsignmentList* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	Yes
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Int	UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	Yes
FetchCount	Root	Int	Number of items to fetched • Valid values — Not applicable • Default values — Not applicable	Yes
SortOrder	Root	String	Ascending or Descending • Valid values — Not applicable • Default values — Not applicable	Yes
OrderBy	Root	Int	Order By field : • Valid values : ◦ 1-consignmentId, ◦ 2-consignmentName ◦ 3-createdDate ◦ 4-consignmentStatus, ◦ 5-FinalizedDate • Default values — Not applicable	Yes
PreviousIndex	Root	Int	Previous index • Valid values — Not applicable • Default values — Not applicable	Yes
LastSortField	Root	Int	Last sort field value • Valid values — Not applicable • Default values — Not applicable	Yes
Consignmentstatus	Root	String	status of consignment 'P'-Pending, 'F'-finalized • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetConsignmentList_Output>
    <Option>NGRM_GetConsignmentList</Option>
    <Status>0</Status>
    <NoOfConsignmentsFetched>1</NoOfConsignmentsFetched>
    <Consignments>
        <Consignment>
            <ConsignmentID>93</ConsignmentID>
            <ConsignmentName>xvcxv</ConsignmentName>
            <AuthorizedBy>3</AuthorizedBy>
            <AuthorizedByUserName>aksy</AuthorizedByUserName>
            <CreatedDate>2012-04-12 23:58:48.273</CreatedDate>
            <Consignmentstatus>P</Consignmentstatus>
            <FinalizedBy>0</FinalizedBy>
        </Consignment>
    </Consignments>
</NGRM_GetConsignmentList_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetConsignmentList* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call
Status	Root		0 if call is successful
Consignments	Root		Parent Tag for consignments
Consignment	Consignments		Sub tag for each consignment
ConsignmentID	Consignment		Consignment id
ConsignmentName	Consignment		Consignment name
AuthorizedBy	Consignment		Authorized by user id
AuthorizedByUserName	Consignment		Authorized by user name
CreatedDate	Consignment		Created date time
Consignmentstatus	Consignment		Consignment status
FinalizedBy	Consignment		Finalized by user id
FinalizedByUserName	Consignment		Finalized by user name
FinalizedDate	Consignment		Finalized date time

Errors and warnings

NGRM_GetConsignmentProperties

This call allows getting the consignment properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetConsignmentProperties_Input>
    <Option>NGRM_GetConsignmentProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1281364744</UserDBId>
    <LogGeneration>y</LogGeneration>
```

```
    <ConsignmentID></ConsignmentID>
</NGRM_GetConsignmentProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetConsignmentProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	It refers to the case sensitive call name • Valid values — Call Name which is case sensitive • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name which has to be connected • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Int	It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	Yes
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
ConsignmentID	Root	Int	It is the consignment id for which the properties are to be fetched • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_GetConsignmentProperties_Output>
    <Option>NGRM_GetConsignmentProperties</Option>
```

```
    <Status></Status>
    <Consignments>
        <Consignment>
            <ConsignmentID></ConsignmentID>
            <ConsignmentName></ConsignmentName>
            <AuthorizedBy></AuthorizedBy>
            <AuthorizedByUserName></AuthorizedByUserName>
            <CreatedDate></CreatedDate>
            <Consignmentstatus></Consignmentstatus>
            <FinalizedBy></FinalizedBy>
            <FinalizedByUserName></FinalizedByUserName>
            <FinalizedDate></FinalizedDate>
        </Consignment>
    </Consignments>
</NGRM_GetConsignmentProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetConsignmentProperties* API:

Parameter	Parent Tag	Description
Status	Root	Unique Option for the Call
ConsignmentID	Consignment	
ConsignmentName	Consignment	
AuthorizedBy	Consignment	
CreatedDate	Consignment	
Consignmentstatus	Consignment	
FinalizedBy	Consignment	
FinalizedDate	Consignment	

Errors and warnings

NGRM_SetConsignmentProperties

This call allows setting consignment properties.

Sample request

```
<?xml version="1.0"?>
<NGRM_SetConsignmentProperties_Input>
    <Option>NGRM_SetConsignmentProperties</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1281364744</UserDBId>
    <LogGeneration>y</LogGeneration>
    <ConsignmentID></ConsignmentID>
    <ConsignmentName></ConsignmentName>
    <AuthorizedBy></AuthorizedBy>
    <Consignmentstatus></Consignmentstatus>
    <FinalizedBy></FinalizedBy>
    <CreatedDate></CreatedDate>
    <FinalizedDate></FinalizedDate>
</NGRM_SetConsignmentProperties_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_SetConsignmentProperties* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root	String	It refers to the case sensitive call name. • Valid values — Call Name which is case sensitive • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name which has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Int	It is the session id of the login user • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	Yes
ConsignmentID	Consignment	Int	It is the consignment id for which the properties are set, • Valid values — Not applicable • Default values — Not applicable	Yes
ConsignmentName	Consignment	String	It is the consignment name for which the properties are set • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
AuthorizedBy	Consignment	String	It is the authorized by user name for the consignment • Valid values — Not applicable • Default values — Not applicable	Yes
CreatedDate	Consignment	Date	It is the creation date for the consignment • Valid values — Not applicable • Default values — Not applicable	Yes
Consignmentstatus	Consignment	String	It is the status of the consignment. • Valid values — Not applicable • Default values — Not applicable	Yes

Parameter	Parent Tag	Parameter Type	Description	Mandatory
FinalizedBy	Consignment	Int	It is the user name which has finalized the consignment • Valid values — Not applicable • Default values — Not applicable	Yes
FinalizedDate	Consignment	Date	It is the date on which consignment is finalized • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<?xml version="1.0"?>
<NGRM_SetConsignmentProperties_Output>
    <Option>NGRM_SetConsignmentProperties</Option>
    <Status></Status>
    <Consignments>
        <Consignment>
            <ConsignmentID></ConsignmentID>
            <ConsignmentName></ConsignmentName>
            <AuthorizedBy></AuthorizedBy>
            <AuthorizedByUserName></AuthorizedByUserName>
            <CreatedDate></CreatedDate>
            <Consignmentstatus></Consignmentstatus>
```

```
            <FinalizedBy></FinalizedBy>
            <FinalizedByUserName></FinalizedByUserName>
            <FinalizedDate></FinalizedDate>
        </Consignment>
    </Consignments>
</NGRM_SetConsignmentProperties_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_SetConsignmentProperties* API:

Parameter	Parent Tag	Description
Status	Root	
FileNumberingID	FileNumbering	
FileNumberingName	FileNumbering	
Comment	FileNumbering	
DataDefIndex	FileNumbering	
FilePartNumOption	FileNumbering	
Definition	FileNumbering	
ExternalProgramName	FileNumbering	
F_EntryOption	FileNumbering	
FName_Format	FileNumbering	
F_Name	FileNumbering	
FP_EntryOption	FileNumbering	
FPName_Format	FileNumbering	
FP_Name	FileNumbering	

Errors and warnings

Misc

The Misc consists of the following APIs:

NGRM_AddReminder

This call is used to remind the owner of my task request.

Sample request

```
<?xml version="1.0"?>
<NGRM_AddReminder_Input>
   <Option>NGRM_AddReminder</Option>
   <CabinetName>risheikOD11RMS4</CabinetName>
   <UserDBId>-1289256422</UserDBId>
   <LogGeneration>n</LogGeneration>
   <Reminder>
       <UserIndex>0</UserIndex>
       <RoleId>0</RoleId>
       <GroupId>2</GroupId>
       <ObjectID>184</ObjectID>
       <ObjectType>R</ObjectType>
       <ObjectName>Ah</ObjectName>
       <Comment>khgyfg</Comment>
   </Reminder>
</NGRM_AddReminder_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_AddReminder* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root	String	Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable
CabinetName	Root	String	Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root	Integer	UserDatabase ID, which is returned in the NGOConnectCabinet c • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root	String	Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable
UserIndex	Reminder	Integer	Index of the logged in user • Valid values — Not applicable • Default values — Not applicable
RoleId	Reminder	Integer	ID of the role • Valid values — Not applicable • Default values — Not applicable
GroupId	Reminder	Integer	ID of group • Valid values — Not applicable • Default values — Not applicable
ObjectID	Reminder	Integer	ID of object • Valid values — C for Class, F for File, P for Filepart, and R for • Default values — Not applicable
ObjectType	Reminder	String	Type of object • Valid values — Not applicable • Default values — Not applicable
ObjectName	Reminder	String	Name of the object • Valid values — Not applicable • Default values — Not applicable
Comment	Reminder	String	Comment • Valid values — Not applicable • Default values — Not applicable

Sample response

```
<?xml version="1.0"?>
<NGRM_AddReminder_Output>
   <Option>NGRM_AddReminder</Option>
   <Status>0</Status>
</NGRM_AddReminder_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_AddReminder* API:

Parameter	Parent Tag	Description
Status	Root	Status returned for the call

Errors and warnings

The following table describes the error codes and description of the *NGRM_AddReminder* API:

Error Code	Description
-501	No rights for the current operation
-505	Database error

NGRM_RegisterApp

This call is used to associate application type with file extension.

Sample request

```
<?xml version="1.0"?>
<NGRM_RegisterApp_Input>
    <Option>NGRM_RegisterApp</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Extension>.txt</Extension>
    <AppName>notepad</AppName>
    <Description>text file</Description>
</NGRM_RegisterApp_Input>
```

Request parameter description

The following table describes the input parameters of the NGRM_RegisterApp API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
Extension	Root		Extension type • Valid values — Not applicable • Default values — Not applicable	
AppName	Root		Application name • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_RegisterApp_Output>
    <Option>NGRM_RegisterApp</Option>
    <Status>0</Status>
    <Extension>.txt</Extension>
</NGRM_RegisterApp_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_RegisterApp* API:

Parameter	Parent Tag	Description
Option	Root	Unique Option for the Call.
Status	Root	0 if call is successful
Extension	Root	Extension type

Errors and warnings

The following table describes the error codes and description of the *NGRM_RegisterApp* API:

Error Code	Description
-1001	Application could not be Registered. Please Try Again.
-1002	This Application is already Registered

NGRM_UnRegisterApp

This call is used to disassociate application type with file extension.

Sample request

```
<?xml version="1.0"?>
<NGRM_UnRegisterApp_Input>
    <Option>NGRM_UnRegisterApp</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <Extension>.txt</Extension>
    <Extension>.doc</Extension>
    <Extension>.pdf</Extension>
</NGRM_UnRegisterApp_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_UnRegisterApp* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
Extension	Root		Extension type • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_UnRegisterApp_Output>
    <Option>NGRM_UnRegisterApp</Option>
    <Status>0</Status>
    <FailedList>
        <Extension>.txt</Extension>
    </FailedList>
</NGRM_UnRegisterApp_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_UnRegisterApp* API:

Parameter	Parent Tag	Parameter Type	Description
Name	Parent Tag		Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful
FailedList	Root		Parent tag for failed list
Extension	FailedList		Extension type

Errors and warnings

The following table describes the error codes and description of the *NGRM_UnRegisterApp* API:

Error Code	Error Code Description	Suggestions
-1003	Application could not be Unregistered. Please try again	Application could not be UnRegistered. Please Try Again

NGRM_GetAppList

This call is used to get list of all mapping of application type with file extension.

Sample request

```
<?xml version="1.0"?>
<NGRM_GetAppList_Input>
    <Option>NGRM_GetAppList</Option>
    <CabinetName>MyCab</CabinetName>
```

```
    <UserDBId>-1092030291</UserDBId>
    <LogGeneration>y</LogGeneration>
    <FetchCount>5
    </Extension>
    <PreviousIndex>0
    </AppName>
    <Extension>.txt
    </Description>
    <sortOrder>A
    </SortOrder>
</NGRM_GetAppList_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetAppList* API:

Parameter	Parent Tag	Parameter Type	Description	Mandatory
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable	
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable	
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable	
FetchCount	Root		Number of items to fetch • Valid values — Not applicable • Default values — Not applicable	
PreviousIndex	Root		Previous index • Valid values — Not applicable • Default values — Not applicable	
Extension	Root		Filter on extension type • Valid values — Not applicable • Default values — Not applicable	
sortOrder	Root		Ascending or descending • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_GetAppList_Output>
    <Option>NGRM_GetAppList</Option>
    <Status>0</Status>
    <NoOfItemsFetched></NoOfItemsFetched>
    <ApplicationList>
```

```
        <Application>
            <Extension>.txt</Extension>
            <AppName>notepad</AppName>
            <Description>text file</Description>
        </Application>
    </ApplicationList>
</NGRM_GetAppList_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetAppList* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful
NoOfItemsFetched	Root		Number of items fetched
ApplicationList	Root		Parent tag for list
Application	ApplicationList		Sub tag for each extension
Extension	Application		Extension type
AppName	Application		Application name
Description	Application		Description

Errors and warnings

NGRM_SearchUser

This call is used to get user list or search user.

Sample request

Request parameter description

The following table describes the input parameters of the *NGRM_SearchUser* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call. • Valid values — Not applicable • Default values — Not applicable
CabinetName	Root		Name of the Cabinet to which the User wants t • Valid values — Not applicable • Default values — Not applicable
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call. • Valid values — Not applicable • Default values — Not applicable
LogGeneration	Root		Allows log generation • Valid values — Y for yes and N for No • Default values — Not applicable
UserName	Root		Name of user to search • Valid values — Not applicable • Default values — Not applicable
GroupIndex	Root		Group index to which user belongs • Valid values — Not applicable • Default values — Not applicable
NoOfRecordsToFetch	Root		Number of items to fetch • Valid values — Not applicable • Default values — Not applicable
OrderBy	Root		Order by field : 2-user name • Valid values — Not applicable • Default values — Not applicable
PreviousIndex	Root		Previous index • Valid values — Not applicable • Default values — Not applicable
LastSortField	Root		Last sort field value • Valid values — Not applicable • Default values — Not applicable
sortOrder	Root		Ascending or descending • Valid values — Not applicable • Default values — Not applicable

Sample response

Response parameter description

The following table describes the output parameters of the *NGRM_SearchUser* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique Option for the Call.
Status	Root		0 if call is successful
NoOfRecordsFetched	Root		Number of items fetched
TotalNoOfRecords	Root		Total number of users
Users	Root		Parent tag for list
User	Users		Sub tag for each user
UserIndex	User		User index
Name	User		User name
PersonalName	User		Personal name of user
FamilyName	User		Family name of user
CreationdDateTime	User		Created date time
ExpiryDateTime	User		Expiry date time
Privileges	User		Privileges
Account	User		Account
Comment	User		Description
DeletedDateTime	User		Deleted date time if deleted
UserAlive	User		User alive flag

Errors and warnings

NGRM_AbortSearch

This call is used to abort a search operation.

Sample request

```
<?xml version="1.0"?>

  <NGRM_AbortSearch_Input>
    <Option>NGRM_AbortSearch</Option>
    <CabinetName>MyCab</CabinetName>
    <UserDBId>1932424771</UserDBId>
    <LogGeneration>y</LogGeneration>
    <SearchUID>1334743267000</SearchUID>
  </NGRM_AbortSearch_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_AbortSearch* API:

Parameter	Parent Tag	Parameter Type	Description	Valid Values	Default Values	Mandatory
Option	Root		Unique Option for the Call • Valid values — Not applicable • Default values — Not applicable	N/A		

Parameter	Parent Tag	Parameter Type	Description	Valid Values	Default Values	Mandatory
CabinetName	Root		Name of the Cabinet to which the User wants to connect • Valid values — Not applicable • Default values — Not applicable	N/A		
UserDBId	Root		UserDatabase ID, which is returned in the NGOConnectCabinet call • Valid values — Not applicable • Default values — Not applicable	N/A		
SearchUID	Root		Unique search ID • Valid values — Y for yes, N for No • Default values — Not applicable	Y for yes, N for No		

Sample response

```
<?xml version="1.0"?>

  <NGRM_AbortSearch_Output>
    <Option>NGRM_AbortSearch</Option>
    <Status>0</Status>
  </NGRM_AbortSearch_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_AbortSearch* API:

Parameter	Parent Tag	Parameter Type	Description
Option	Root		Unique option for the call.
Status	Root		Status of the call. If the Status is 0, then the call is successful.

Errors and warnings

The following table describes the error codes and description of the *NGRM_AbortSearch* API:

Error Code	Error Code Description	Suggestions
-505	No Rights for the current operation	Insufficient rights to create class
-13093	Abort search failed	Abort search failed
-13093	SearchUID does not exists	SearchUID does not exists

NGRM_GetCabinet

This call is used to fetch all keys present in the RMCabinet table.

Sample request

```
<NGRM_GetCabinet_Input>
    <Option>NGRM_GetCabinet</Option>
    <CabinetName>rms4orc</CabinetName>
    <UserDBId>-1479875149</UserDBId>
</NGRM_GetCabinet_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_GetCabinet* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root	String	Refers to the case sensitive call name • Valid values — A unique option for the call • Default values — Not applicable	Yes
CabinetName	Root	String	It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	Yes
UserDBId	Root	Integer	It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable	Yes

Sample response

```
<NGRM_GetCabinet_Output>
  <Option>NGRM_GetCabinet</Option>
  <Status>0</Status>
  <Configurations>
    <Configuration>
      <ConfigName>BindRenditions</ConfigName>
      <ConfigValue>Y</ConfigValue>
    </Configuration>
    <Configuration>
      <ConfigName>DefaultMinorVersion</ConfigName>
      <ConfigValue>N</ConfigValue>
    </Configuration>
    <Configuration>
      <ConfigName>LeadingZeroInNumber</ConfigName>
      <ConfigValue>N</ConfigValue>
    </Configuration>
    <Configuration>
```

```
        <ConfigName>CustomPropertiesIframe</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>MakerChecker</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>ShowRecordCount</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>AutoApproveClass</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>ShowFacetCount</ConfigName>
        <ConfigValue>Y</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>StarSearchOnName</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>NumberInBreadCrumb</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>MultiFilepartOpen</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
      <Configuration>
        <ConfigName>CustomProperties</ConfigName>
        <ConfigValue>N</ConfigValue>
      </Configuration>
    </Configurations>
</NGRM_GetCabinet_Output>
```

Response parameter description

The following table describes the output parameters of the *NGRM_GetCabinet* API:

Parameter	Parent tag	Description
Option	Root	Unique option for the call.
Status	Root	Status value of the security classification.

Parameter	Parent tag	Description
ConfigName	Configuration	Name of the key
ConfigValue	Configuration	Value of the key

Errors and warnings

NGRM_EasySearch

To do easy search on the metadata and content.

Sample request

```
<?xml version="1.0"?>
<NGRM_EasySearch_Input>
    <Option>NGRM_EasySearch</Option>
    <CabinetName>od12_postgres_test</CabinetName>
    <UserDBId>-83444186</UserDBId>
    <AccessDetails/>
    <SearchText>d*</SearchText>
    <From>0</From>
    <Order>asc</Order>
    <BatchSize>10</BatchSize>
    <SearchType>C</SearchType>
    <SearchIn>F</SearchIn>
    <Locale>en</Locale>
    <ElasticSearchFlag>N</ElasticSearchFlag>
</NGRM_EasySearch_Input>
```

Request parameter description

The following table describes the input parameters of the *NGRM_EasySearch* API:

Parameter	Parent tag	Parameter type	Description	Mandatory
Option	Root		Refers to the case sensitive call name • Valid values — A unique option for the call • Default values — Not applicable	
CabinetName	Root		It is the cabinet or database name that has to be connected. • Valid values — Not applicable • Default values — Not applicable	
UserDBId	Root		It is the session ID of the sign-in user. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent tag	Parameter type	Description	Mandatory
AccessDetails	Root		It holds the access details. • Valid values — Not applicable • Default values — Not applicable	
SearchText	Root		The search term or pattern. • Valid values — Not applicable • Default values — Not applicable	
StartFrom	Root		Starting index for fetching items. • Valid values — Not applicable • Default values — Not applicable	Y

Parameter	Parent tag	Parameter type	Description	Mandatory
Order	Root		Specifies the sort order for the results. • Valid values — Not applicable • Default values — Not applicable	
BatchSize			Specifies the number of results per batch in the search. • Valid values — Not applicable • Default values — Not applicable	
SearchType			Specifies the type of search. • Valid values — Not applicable • Default values — Not applicable	

Parameter	Parent tag	Parameter type	Description	Mandatory
SearchIn			Defines where to perform the search. • Valid values — Not applicable • Default values — Not applicable	
Locale			Specifies the locale for the search. • Valid values — Not applicable • Default values — Not applicable	

Sample response

```
<?xml version="1.0"?>
<NGRM_EasySearch_Output>
    <Option>NGRM_EasySearch</Option>
    <Status>0</Status>
    <Documents>
        <Document>
            <DocumentID>201</DocumentID>

 <DocumentSource>{"ZG9jdW1lbnRuYW1l":"amir","b3duZXI=":"Supervisor","b3duZXJpbmRleA==":"1
</DocumentSource>
            <DataClassRights>1</DataClassRights>
            <DocumentRights>111111111111</DocumentRights>
```

```
            <ThumbNailData/>
            <ThumbNailISIndex/>
            <ObjectPath>od12_postgres_test/Fileplan/</ObjectPath>
            <DocumentLock>N</DocumentLock>
            <LockByUser/>
            <CheckOutStatus/>
            <CheckOutByUser>0</CheckOutByUser>
            <ParentFolderIndex>145</ParentFolderIndex>
            <ISIndex/>
            <ReferenceFlag>O</ReferenceFlag>
            <NoOfPages>0</NoOfPages>
            <RMObjectType>C</RMObjectType>
            <SecurityClassificationName>Unclassified</SecurityClassificationName>
            <PersonalName>Supervisor</PersonalName>
            <FamilyName>amir</FamilyName>
            <CurrentBorrower>-1</CurrentBorrower>
            <FileNumberingRule>fp num</FileNumberingRule>
            <CutOffRule>cutoff</CutOffRule>
            <StorageRule>strg</StorageRule>
            <RetentionRule>retention</RetentionRule>
            <BorrowPeriod>10</BorrowPeriod>
            <BorrowPeriodUnit>D</BorrowPeriodUnit>
            <OpenedDateTime>2024-10-17 16:04:10</OpenedDateTime>
            <VitalRecord>N</VitalRecord>
            <DispositionAuthority>dd</DispositionAuthority>
            <DispositionAction>T</DispositionAction>
            <CurrentRequestee>0</CurrentRequestee>
            <BoxOwnerID>0</BoxOwnerID>
            <BoxOwnerRoleID>0</BoxOwnerRoleID>
            <BoxOwnerGroupID>1</BoxOwnerGroupID>
            <BoxOwnerGroupName>Everyone</BoxOwnerGroupName>
            <RMObjectInfo>
                <MakerChecker>A</MakerChecker>
                <LockedStatus>U</LockedStatus>
                <MakerID>1</MakerID>
            </RMObjectInfo>
        </Document>
    </Documents>
    <SearchedKeyword/>
  <NoOfRecordsReturned>1</NoOfRecordsReturned>
  <NoOfRecordsFetched>1</NoOfRecordsFetched>
</NGRM_EasySearch_Output>
```

Response parameter description

Te following table describes the output parameters of the *NGRM_EasySearch* API:

Parameter	Parent tag	Description
Options	Root	It refers to the case-sensitive call name.
Status	Root	Status of the call. If the Status is 0, then the call is successful.
Documents	NGRM_EasySearch_Output	Contains the list of returned documents.
Document	Documents	Represents a single document in the search result.
DocumentID	Document	Unique identifier of the document.
DocumentSource	Document	JSON metadata of the document.
DataClassRights	Document	Rights associated with the document's data class.
DocumentRights	Document	Access rights for the document.
ThumbNailData	Document	Thumbnail image data (empty in this case).
ThumbNailISIndex	Document	Index for the document thumbnail (empty in this case).
ObjectPath	Document	Path where the document is stored.
DocumentLock	Document	Indicates if the document is locked or not
LockByUser	Document	User who locked the document (empty if not locked).
CheckOutStatus	Document	Checkout status of the document (empty if not checked out).
CheckOutByUser	Document	User who checked out the document
ParentFolderIndex	Document	Index of the parent folder.
ISIndex	Document	Index for the document (empty).
ReferenceFlag	Document	Indicates if the document is a reference.

Parameter	Parent tag	Description
NoOfPages	Document	Number of pages in the document.
RMObjectType	Document	Type of the record management object.
SecurityClassificationName	Document	Security classification of the document.
PersonalName	Document	Personal name associated with the document.
FamilyName	Document	Family name associated with the document.
CurrentBorrower	Document	ID of the current borrower.
FileNumberingRule	Document	Rule for numbering document files.
CutOffRule	Document	Rule for document cutoff.
StorageRule	Document	Rule for document storage.
RetentionRule	Document	Rule for document retention.
BorrowPeriod	Document	Borrow period for the document (e.g.,
BorrowPeriodUnit	Document	Unit for the borrow period.
OpenedDateTime	Document	Date and time when the document was opened.
VitalRecord	Document	Indicates if the document is vital
DispositionAuthority	Document	Disposition authority of the document.
DispositionAction	Document	Action for document disposition.
CurrentRequestee	Document	ID of the current requestee.
BoxOwnerID	Document	ID of the box owner where the document is stored.
BoxOwnerRoleID	Document	Role ID of the box owner.
BoxOwnerGroupID	Document	Group ID of the box owner.

Parameter	Parent tag	Description
BoxOwnerGroupName	Document	Name of the group owning the box.
RMObjectInfo	Document	Additional metadata for the document.
MakerChecker	RMObjectInfo	Maker-checker status.
LockedStatus	RMObjectInfo	Lock status of the document.
MakerID	RMObjectInfo	ID of the document maker.
SearchedKeyword	NGRM_EasySearch_Output	Keyword that was searched for (empty if none).
NoOfRecordsReturned	NGRM_EasySearch_Output	Number of records returned by the search.
NoOfRecordsFetched	NGRM_EasySearch_Output	Number of records fetched by the search.

Errors and warnings

The following table describes the error codes and description of the Easy Search API:

Error Code	Suggestions	Error Code Description
-504	RM_TRANSACTION_NOT_FOUND	Transaction not found
-502	RM_TRY_AGAIN	Some errors occured at the server. Please try again or contact your server. Administrator
-1003	JTSE_SQL_ERR	This error occurrs when there is an issue with the SQL query execution or database interaction.
-1012	JTSE_ILLEGAL_PARAM	This error occurs when an input parameter provided to a function, method, or service is invalid or does not meet the expected criteria
-1001	JTSE_SYS_ERR	This error typically represents a failure at the system or infrastructure level that prevents normal processing.
-1000	JTSE_UNKNOWN_ERR	This error is typically used as a fallback or catch-all for errors.

Glossary

Term	Description
Active in-house	The location is used for interim transfer and storage of frequently used items.
Box	Boxes are used for temporary storage of file/file parts; this may be required while transferring records from one location to another
Class	A class represents a unit of an organization. For example 'Class' can be HR Department in an Organization. A class is a container of files, file parts & records stored within that organizational unit. A class may also contain subclasses within it that could represent more specialized components of an organization's department. Continuing with the existing example, the HR Department can have sub-classes for Recruitment, Appraisals, HR functions, Salary Related functions, and many more. These sub-classes can have further subclasses, files, file parts, and records.
Cutoff Rollover Rule	Cutoff means closing a file/file part on fulfillment of certain conditions, while rollover implies cutoff followed by the creation of a new file/file part. Cutoff rollover rules define whether a file/file part is to be cut-off/rollover (cut-off and create new file part) or left as it is on fulfillment of certain conditions. This may be required when the user wants to limit the number of records in a file/file part.
Data Class	The data class is a set of indexes associated with the document or folder which enable quick retrieval of the documents.
External storage	The location used for the Accession (Permanent transfer) of records to some outside authority, for example, this location could represent some Archiving Authority.

Term	Description
File	A file is used for grouping both electronic and physical records, which are logically related. For example, after the joining of a candidate in an organization, his Employee file has to be maintained in the HR Department. The Employee File includes- Joining Report, Salary Structure offered, Certificates, Experience Details, Interview Comment Sheet, Technical Test Paper, and many more.
FilePart	A file part is simply a subdivision of a file. A file may or may not contain file part (s). The file part name is assigned either manually or automatically depending upon the File Numbering Scheme associated with the class.
File Numbering	File numbering is an administrative function, which defines how the file/file parts within a class are to be numbered. This mechanism simplifies the task of generating the name of the file/file part.
Inactive in-house	Location used for interim transfer and storing the items, which are used occasionally.
Location	'Location' represents a physical entity used for storage of file/ file parts/records in an organization.
Record Policy	Record Policy includes the rule definition. The user can define retention rules, cutoff rollover rules, and storage rules.
Reminders	If User 'A' has requested some documents from User 'B', and he had no response to his request, then he may send a Reminder to User 'A'. Another scenario can be, that if the Record Administrator wants to remind borrowers of overdue items, he may send Reminders to them.
Retention Rules	The retention rule specifies whether the record is to be retained or destroyed. In case of destruction retention rules allow the user to specify the time and event-based condition which will trigger the disposal of records. Retention rules are applied at the class/file/file part level and are inherited by the records. The mode of destruction is specified separately for physical & electronic records. Retention rules are part of the Record policy.

Term	Description
Request	Physical document transfer among people is a basic functionality, that any Record management system should provide. For integrating physical document transfer along with the electronic document Newgen Record Management provides an interface, from which the user can request hard copies of documents to the administrator or the current borrower of these documents.
Return	After getting the documents, they have to be returned to the administrator or can be forwarded to another user for referral. The consignment is made and the transfer note is generated to return the documents.
Storage Rules	Storage rules define how the file/file parts/records are to be moved from one location to another. Storage processing rules are defined separately in the storage rules definition interface for physical and electronic records. They will be applicable or physical copy and an electronic copy of the record as it is. For physical records, storage rules define when the records will be moved from one physical location to another, while for electronic records storage rules define when the electronic records are to be moved from one image server volume to another.