

OmniXtract

Developer Guide

Version: 4.0 SP1

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1 Preface

The *OmniXtract Developer Guide* explains the development and integration of the application programming interfaces (APIs) of the OmniXtract application.

NOTE:

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

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1.1 Revision history

Revision Date	Description
August 2024	Initial publication

1.1 Intended audience

This guide is intended for software developers and programmers responsible for integrating OmniXtract with iBPS or other applications. To understand the content of this guide, the reader must have basic knowledge of OmniXtract and the OpenAPI Specification (OAS) for consuming REST-based web services. The reader must be an OmniXtract user with access to the API module.

1.2 Documentation feedback

To provide feedback or any improvement suggestions 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

2 Mandatory services

It is mandatory to get an access token using the URL below before calling any other API service in OmniXtract:

`http://<IP>:<port>/OXAPI/v1/GetToken`

Where,

- IP is the IP of the current machine where verification services are running.
- Port is the port of the machine where the verification service port is running.

NOTE:

The `access_token` response tag must be added to the header tag of all APIs.

The input for the `Get OAuth` and `Refresh OAuth` tokens must be specified in the API module of the OmniXtract user interface. You must first create a credential and then use it to call and refresh the `OAuth` token.

2.1 GetToken API

Description: The purpose of `GetToken` API is to authenticate the valid connection. It provides a refresh token in return. The `GetToken` API is mandatory to run at the beginning to initialize the service of any API in the OmniXtract.

Input parameters:

Parameter	Type	Mandatory	Description
client_id	String	Yes	ID from where you have registered
client_secret	String	Yes	Secret key provided while registration
grant_type	String	Yes	Permission of what you can do
scope	String	Yes	Areas where rights have been given

Input JSON:

```
{
  "client_id": "828f5787-6c6e-4eec-b3c1-b3623c734e01",
  "client_secret": "64b16d9-751d-4e-4eec-b3c1-b3623c734e01",
  "grant_type": "client_credentials",
  "scope": "definition lookup extraction report verification offline_access"
}
```

Token response:

```
{
  "access_token":
  "eyJhbGciOiJIUzI1NiIsInR5cCI6ImlmF0K2p3dCJ9.eyJzdWIiOiI4MjhmNTc4Ny02YzZlLTRlZWMTYjNjM",
  "token_type": "Bearer",
  "expires_in": 3599,
  "refresh_token":
  "eyJhbGciOiJSU0EtT0FFUCIsImVuYyI6IkpEYNTZDQkMtsFMlMTIiLCJraWQiOiJVS1BZNVU0TUFISVJVNFCqEUjFfFRYB54CxECWB5U2X2s.NKbQaHZVLeX_76VzBysiSRJKcEp40ey-06G_NLUlNlM"
}
```

Error code:

Code	Description
400	Bad request

2.2 RefreshToken API

Description: The *RefreshToken* API is used to create a new token that is also used to refresh. The value for the parameter *grant_type* must be changed to *refresh_token*. The value from the previous API must be passed as input while refreshing a token.

This provides fresh access and refreshes the token in return. The access token expires in 60 minutes. So, to run the APIs hassle-free, the *OAuth token must* be refreshed every 60 minutes.

Input parameters:

Parameter	Type	Mandatory	Description
client_id	String	Yes	ID from where you have registered
client_secret	String	Yes	Secret key provided while registration
grant_type	String	Yes	Permission of what you can do
scope	String	Yes	Areas where rights have been given

Refresh token request

Input JSON:

```
{
  "client_id": "828f5787-6c6e-4eec-b3c1-b3623c734e01",
  "client_secret": "64b16d9-751d-4e-4eec-b3c1-b3623c734e01",
```

```

    "grant_type": "refresh_token",
    "refresh_token": "
eyJhbGciOiJSU0EtT0FFUCIsImVuYyI6IkpEYNTZDQkMtsFM1MTIiLCJraWQiOiJVS1BZNVU0
TUFISVJVNFCqEUjFfFRYB54CxECWB5U2X2s.NKbQaHZVLeX_76VzBysiSRJKcEp40ey-06G_NLUlNlM "
}

```

Refresh token response

```

{
  "access_token":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpEYNTZDQkMtsFM1MTIiLCJraWQiOiJVS1BZNVU0TUFISVJVNFCqEUjFfFRYB54CxECWB5U2X2s.NKbQaHZVLeX_76VzBysiSRJKcEp40ey-06G_NLUlNlM"
  "token_type": "Bearer",
  "expires_in": 3599,
  "scope": "definition extraction lookup report verification offline_access",
  "refresh_token":
"eyJhbGciOiJSU0EtT0FFUCIsImVuYyI6IkpEYNTZDQkMtsFM1MTIiLCJraWQiOiJVS1BZNVU0TUFISVJVNFCqEUjFfFRYB54CxECWB5U2X2s.NKbQaHZVLeX_76VzBysiSRJKcEp40ey-06G_NLUlNlM"
}

```

Error code:

Code	Description
400	Bad request

3 Get processed data

Function name: *OXAPI/v1/GetProcessedData*

Description: This API retrieves the processed data, for example, field coordinates, field ID, field confidence, legend, Lookup ID, and so on of the given invoice from the OmniXtract database.

Business use case: This is the highly recommended API for all types of data extraction in OmniXtract. This API retrieves the information from OmniXtract and returns. Using the field attributes returned, you can highlight the data area. It helps you view the area and ensure the correctness of data.

Sample input:

```

{
  "pstrOXDocumentType": "Definition name"
  "pstrProcessInstanceID": "Unique id for the image"
}

```

Parameter description:

Parameter	Type	Mandatory	Description
pstrOXDocumentType	String	Yes	The name of the Definition that you have created
pstrProcessInstanceID	String	Yes	Workitem id

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "pstrOXDocumentType": "Newgen invoice"
  "pstrProcessInstanceID": "IPS-0000026963-process"
}
```

Sample response:

```
{
  "ProcessedData": {
    "Header": [
      {
        "EngineUsed": "KADMOS",
        "ErrorDesc": "null",
        "ExtractionStatus": "E",
        "FileFormat": "PDF - VECTOR",
        "LanguageID": "0",
        "NoOfFldsExtracted": "22",
        "NoOfImages": "1"
      }
    ],
    "Page": [
      {
        "ERRORCODE": "0",
        "KeyField": [
          {
```

```

        "CI": null,
        "CN": null,
        "FC": "2205,2670,2379,2711",
        "FCO": "100",
        "FD": "16,800.00",
        "FN": "GROSS_INVOICE_AMOUNT",
        "ID": "75",
        "LegendCoords": "1822,2670,1922,2711",
        "LineData": null,
        "LookupID": "0",
        "MatchedLegend": "Total:",
        "RuleID": "82",
        "TimeStamp": "6/29/2021 1:12:48 PM"
    }
],
"NUM": "1",
"TableField": [
    {
        "FieldData": [
            {
                "CN": null,
                "FC": "205,1428,224,1553",
                "FCO": "100",
                "FN": "Details",
                "ID": "81",
                "LookupID": null,
                "MatchedLegend": null,
                "Row": [
                    {
                        "FN": "SNO",
                        "NUM": "1",
                        "RC": "205,1428,224,1469",
                        "RCO": "100",
                        "RD": "1"
                    },
                    {
                        "FN": "SNO",
                        "NUM": "2",

```

```

        "RC": "205,1512,224,1553",
        "RCO": "100",
        "RD": "2"
    }
],
"RuleID": "97",
"TimeStamp": "12/24/2021 5:31:04 PM"
}
]
}
]
}
],
"PreProcessedImage": null
},
"iErrorCode": 1,
"strErrorDesc": "SUCCESS"
}

```

4 Get data

Function name: *OXAPI/v1/GetData*

Description: The API extracts data from the given coordinates, reducing your key in efforts.

Business use case: In the case, OmniXtract fails to extract certain data due to the improper configuration of the rule, this API helps extract data from the selected area to get data populated automatically into the field. Irrespective of the region or coordinates you give; you get the click location from iBPS. Instead of typing the coordinates or the location, the clicked location is extracted in OmniXtract to send the relevant data to the location.

Sample input:

```

{
  "pstrOXDocumentType":
  "pstrProcessInstanceID":
  "piPageNumber:1"
  "pstrZoneCoords": "12,42,24,45"
}

```

Parameter description:

Name	Parameter Type	Mandatory	Description
pstrOXDocumentType	String	Yes	Definition name
pstrProcessInstanceID	String	Yes	Process instance id
piPageNumber	integer(\$int32)	Yes	The page number on which data is to be extracted
pstrZoneCoords	String	Yes	From where the process zone coordinates to be extracted

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  pstrOXDocumentType:"Newgen invoice"
  pstrProcessInstanceID: "IPS-0000026963-process"
  piPageNumber: 1
  pstrZoneCoords: "12,42,24,45"
}
```

Sample response:

```
{
  "iErrorCode":1,"strErrorDesc":"SUCCESS","ExtractedData": "NO:2387/66/21"
}
```

5 Fetch definition list

Function name: *OXAPI/v1/FetchDefinitionList*

Description: This API fetches the list of definitions created in OmniXtract.

Business use case: In extraction bots, extraction happens for a given image against the respective definition. The *FetchDefinitionList* API gives the list of definitions created in the system and extraction happens as per the configuration.

Responses:

Code	Description
200	Success
401	Unauthorized

Sample response:

```
{
  "DoctypeList": {
    "newgen definition",
    "invoice definition",
    "test definition"
  },
  "Status": "Success"
}
```

6 Fetch field list

Function name: *OXAPI/v1/FetchFieldList*

Description: This API provides an interface that fetches the field list for a given definition.

Business use case: A bank fetches a list of definitions using the [FetchDefinitionList](#) API. Out of all the definitions, the bank requires a list of fields of a particular definition. So, to fetch the list of fields, the bank uses the FetchFieldList API.

Sample input:

```
{
  "DocumentType": "Newgen Invoice"
}
```

Parameter description:

Name	Parameter Type	Mandatory	Description
DocumentType	String	Yes	Name of Definition

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "DocumentType": "Newgen Invoice"
}
```

Sample response:

```
{
  "LstFieldDetails": [{"StrFieldName": "address", "StrFieldType": "PRIMARY"}],
  "Status": "Success"
}
```

7 Extract definition using local

Function name: *OXAPI/v1/ExtractDocumentUsingLocal*

Description: This API allows data extraction against the specified definition.

Business use case: A bank wants to automate its process, for example, account opening. In such a scenario, scan the document and call this API to perform the extraction instantly and send it to the customer. This API is ideal in the case of B2B but not B2C.

Sample input:

```
{
  "OXDocumentType": "Newgen Invoice"
  "ProcessInstanceID": "oxdev-0000035001-process"
  "PrimaryLookupColumnAndValue": "\"vendor_name=Newgen\""
  "SendDefinitionAlongWithData": true
}
```

Parameter description:

Name	Parameter Type	Mandatory	Description
OXDocumentType	String	Yes	Definition name to be extracted
strPrimaryLookupColumnAndValue	String	Yes	Vendor name
ProcessInstanceID	String	Yes	Process instance ID
SendDefinitionAlongWithData	Boolean	Yes	To send the XML rule or not.

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "OXDocumentType": "Newgen Invoice"
  "ProcessInstanceID": "oxdev-0000035001-process"
  "PrimaryLookupColumnAndValue": "\"vendor_name=Newgen\""
  "SendDefinitionAlongWithData": true
}
```

Sample response JSON:

```
{
  "iErrorCode": 1,
  "ProcessedData": {
    "Header": [
      {
        "EngineUsed": "TESSERACT",
        "ErrorDesc": "null",
        "ExtractionStatus": "E",
        "FileFormat": "PDF",
        "LanguageID": "0",
        "NoOfFldsExtracted": "5",
        "NoOfImages": "1"
      }
    ]
  }
}
```

```

],
"Page": [
  {
    "ERRORCODE": null,
    "KeyField": [
      {
        "CI": null,
        "CN": null,
        "FC": null,
        "FCO": null,
        "FD": "554",
        "FN": null,
        "ID": null,
        "LegendCoords": null,
        "LineData": null,
        "MatchedLegend": null,
        "RuleID": null,
        "TimeStamp": null
      },
      {
        "CI": null,
        "CN": null,
        "FC": null,
        "FCO": null,
        "FD": "554",
        "FN": null,
        "ID": null,
        "LegendCoords": null,
        "LineData": null,
        "MatchedLegend": null,
        "RuleID": null,
        "TimeStamp": null
      },
      {
        "CI": null,
        "CN": null,
        "FC": null,
        "FCO": null,

```

```

        "FD": "554",
        "FN": null,
        "ID": null,
        "LegendCoords": null,
        "LineData": null,
        "MatchedLegend": null,
        "RuleID": null,
        "TimeStamp": null
    }
],
"NUM": null,
"TableField": [
    {
        "FD": [
            {
                "CN": null,
                "FC": null,
                "FCO": null,
                "FN": null,
                "ID": null,
                "Row": [],
                "RuleID": null
            },
            {
                "CN": null,
                "FC": null,
                "FCO": null,
                "FN": null,
                "ID": null,
                "Row": [],
                "RuleID": null
            }
        ]
    }
]
}
],
},
},

```

```
"strErrorDesc": "SUCCESS"
}
```

8 Extract definition

Function name: *OXAPI/v1/ExtractDocument*

Description: The *ExtractDocument* API allows data extraction against the specified definition.

Business use case: A bank wants to automate its process, for example, account opening. In such a scenario, scan the document and call this API to perform the extraction instantly and send it to the customer. This API is ideal in the case of B2B but not B2C.

Sample input:

```
{
  "OXDocTypeName": "Invoice"
  "strPrimaryLookupColumnAndValue":""
  "strPreprocessingRequired":"Yes"
  "strLanguage":"English"
  "strFileName":"Newgen-Invoice"
  Document: [FormFile]
  "strPageRange": "1-5"
}
```

Parameter description:

Name	Parameter Type	Mandatory	Description
OXDocTypeName	String	Yes	Definition name to be extracted
strPrimaryLookupColumnAndValue	String	Yes	Vendor name
strPreprocessingRequired	String	Yes	Whether preprocessing is required or not
strLanguage	String	Yes	Definition extraction language
strFileName	String	Yes	Name of the input type file
Document	string(\$binary)	Yes	Document name
strPageRange	String	Yes	The page range for extraction. For example, 1-5.

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "OXDocTypeName": "Invoice"
  "strPrimaryLookupColumnAndValue": "vendorname=\"Kuldeep Enterprises India
Ltd\""
  "strPreprocessingRequired": "Yes"
  "strLanguage": "English"
  Document: [FormFile]
}
```

Sample response JSON:

```
{
  "iErrorCode": 1,
  "ProcessedData": {
    "Header": [
      {
        "EngineUsed": "TESSERACT",
        "ErrorDesc": "null",
        "ExtractionStatus": "E",
        "FileFormat": "PDF",
        "LanguageID": "0",
        "NoOfFldsExtracted": "5",
        "NoOfImages": "1"
      }
    ],
    "Page": [
      {
        "ERRORCODE": null,
        "KeyField": [
          {
            "CI": null,
```

```

    "CN": null,
    "FC": null,
    "FCO": null,
    "FD": "554",
    "FN": null,
    "ID": null,
    "LegendCoords": null,
    "LineData": null,
    "MatchedLegend": null,
    "RuleID": null,
    "TimeStamp": null
  },
  {
    "CI": null,
    "CN": null,
    "FC": null,
    "FCO": null,
    "FD": "554",
    "FN": null,
    "ID": null,
    "LegendCoords": null,
    "LineData": null,
    "MatchedLegend": null,
    "RuleID": null,
    "TimeStamp": null
  },
  {
    "CI": null,
    "CN": null,
    "FC": null,
    "FCO": null,
    "FD": "554",
    "FN": null,
    "ID": null,
    "LegendCoords": null,
    "LineData": null,
    "MatchedLegend": null,
    "RuleID": null,

```

```

        "TimeStamp": null
    }
],
"NUM": null,
"TableField": [
    {
        "FD": [
            {
                "CN": null,
                "FC": null,
                "FCO": null,
                "FN": null,
                "ID": null,
                "Row": [],
                "RuleID": null
            },
            {
                "CN": null,
                "FC": null,
                "FCO": null,
                "FN": null,
                "ID": null,
                "Row": [],
                "RuleID": null
            }
        ]
    }
]
}
]
}
"strErrorDesc": "SUCCESS"
}

```

9 Save actual data

Function name: *OXAPI/v1/SaveActualData*

Description: The *SaveActualData* API saves the actual data back to the OmniXtract database.

Business use case: Data pertaining to the original information is known as actual data. During the generation of the report, the actual data is compared to the data that is extracted.

Sample input:

```
{
  "doctype": "string",
  "processinstanceid": "string",
  "workitemopentime": "string",
  "workitemclosetime": "string",
  "workitemidletime": "string",
  "correctedfieldcount": "string",
  "saveFieldDetails": [
    {
      "fieldname": "string",
      "fieldvalue": "string",
      "rownumber": 0,
      "pageno": 0
    }
  ]
}
```

Parameter description:

Name	Parameter Type	Mandatory	Description
DocTypeName	String	Yes	Name of the Definition to be extracted
ProcessInstanceID	String	Yes	Process instance ID
WorkItemOpenTime	Time stamp	No	The time when the workitem opens
WorkItemCloseTime	Time stamp	No	The time when the workitem closes
WorkItemIdleTime	Time stamp	No	The time when the workitem is in an idle state
CorrectedFieldCount	String	Yes	Number of fields corrected

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "doctype": "workitem",
  "processid": "IPS8-0000000109831-Process",
  "workitemopentime": "12/9/2019 4:40:07 PM",
  "workitemclosetime": "12/9/2019 4:40:07 PM",
  "workitemidletime": "12/9/2019 4:40:07 PM",
  "correctedfieldcount": "1",
  "savefielddetails": [
    { "fieldname" : "po no", "fieldvalue": "DATE1", "pageno" : 1},
    { "fieldname" : "description", "fieldvalue": "Landline caller ID
    Phone1", "rownumber": 1, "pageno" : 1}]
}
```

Sample response:

```
{
  "Exception":null,"Status":true
}
```

10 Synchronize lookup

Function name: *OXAPI/v1/SynchLookup*

Description: The *SynchLookup* API allows synchronization of Lookup with the definition from an external database in an automated manner. The response time of synchronization depends upon the number of records to be synchronized.

Business use case: When you want to extract information about the vendor, for example, an invoice, Lookup needs to be created at the application front. The Lookup then fetches the details from another table. The API returns synchronization ID and Lookup names. The request ID provided by the API is used to verify whether the request is completed or not. To get the updated ERP details fetched in OmniXtract, the *SynchLookup* API is used.

Parameter description:

Parameter	Type	Mandatory	Description
lookupnames	String	Yes	Name of the Lookup

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "lookupnames": ["Newgen_lookup"]
}
```

Sample response:

```
{
  "IsLookupSynchInitiated": true,
  "RequestId": "6502fcdd-99df-4332-988e-c38176722e58"
}
```

11 Get sync status

Function name: *OXAPI/v1/GetSyncStatus*

Description: To get the synchronized information of the source (iBPS database) to the destination (OmniXtract database), the *GetSyncStatus* API is used. In other words, the *GetSyncStatus* API is used to get visibility on the initiated thread synchronization status, whether it is open or closed.

Business use case: When a new vendor is in the database and you need to fetch the updated information, the *SynchLookup* API is triggered to look up the updated information from the source table to the target table and returns the updated values to the OmniXtract system. To get the information on whether the synchronization is completed or not, the *GetSyncStatus* API is used.

Parameter description:

Parameter	Type	Mandatory	Description
RequestId	String	Yes	Requested ID to get the status.

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "RequestId": "6502fcdd-99df-4332-988e-c38176722e58"
}
```

Sample response:

```
{
  "Status": "Completed"
}
```

12 Clear workitem data

Function name: *OXAPI/v1/ClearWorkItemData*

Description: This API clears workitem data once the extraction is completed.

Business use case: When you are working on multiple transactions of the particular definition, at one point after years, you may not be requiring that transaction and want to free up the space. To do this, you can utilize *ClearWorkItemData* API. The usage of this API is not recommended at the earlier stages, but only once the transactional data grows.

The following two types of data flags are there:

- Image
- Transaction database

Set the flag `"pbDeleteTransaction ": true`, if you want to delete image and transaction data.

Set the flag `"pbDeleteTransaction ": false`, if you want to delete the image only.

Sample input:

```
{
  "pstrProcessInstanceID ": "processinstanceid",
  "pbDeleteTransaction ": true,
}
```

Parameter description:

Parameter	Type	Mandatory	Description
pstrProcessInstanceID	String	Yes	Unique ID of the image.
pbDeleteTransaction	Boolean	Yes	Delete transaction flag. • True: Delete image and transaction • False: Delete image and not transaction

Responses:

Code	Description
200	Success
401	Unauthorized

Input JSON:

```
{
  "pstrProcessInstanceID ": "oxdev-0000018227-process",
  "pbDeleteTransaction ": true,
}
```

Sample response:

```
{
  "iErrorCode": 1
  "strErrorDesc" : "SUCCESS"
}
```

13 Sample code

Sample code for using the ExtractDocument API

```
var data = new FormData();
data.append("Document", fileInput.files[0], "/D:/Newgen/Samples/1072.TIF");
data.append("OXDocTypeName", "Newgen invoice");
data.append("strPrimaryLookupColumnAndValue", "\"vendorname=\\\"Kuldeep Enterprises India \nLtd\\\"\"");
data.append("strPreprocessingRequired", "Y");
data.append("strLanguage", "ENGLISH");
data.append("strPageRange", "1-5");

var xhr = new XMLHttpRequest();
xhr.withCredentials = true;
```

```
xhr.open("POST", "http://127.0.0.1:9200/oxapi/v1/extractdocument");
xhr.setRequestHeader("Authorization", "Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6ImlF0K2p3dCJ9.eyJzdWIiOiI4MjhmNTc4Ny02YzZlLTRlZWMTYjNjMS
1iMzYyM2M3MzRlMDEiLCJuYW11IjoieGVzdCIsIm9pX3Byc3QiOiI4MjhmNTc4Ny02YzZlLTRlZWMTYjNjM
S1iMzYyM2M3MzRlMDEiLCJvaV9hdV9pZCI6IjcyY2RlYWJhLWRmYTgtNDI0Ny1hZGIwLWI4YWY5YjExNjE0
NSIsImNsaWVudF9pZCI6IjgyOGY1Nzg3LTZjNmUtNGVlYy1iM2MxLWlZnJlZyZzczNGUwMSIsIm9pX3Rrbl9
pZCI6Ijg2OWE5MmQ3LTg3NWUtNGMlYS1hYmI2LTFlOTg4OWU3NmY0ZiIsImF1ZCI6Ik9YQVBjU2VydmljZS
IsInNjb3BlIjoieGVmaW5pdGlubiBleHRyYWN0aW9uIGxvb2t1cCBYb3BvcnQgdmVyaWZpY2F0aW9uIG9mZ
mxpbmVfYWNjZXRzIiwiaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaX
LyIsImhhdCI6MTY1MjA4MDA3MH0.YQs412YuFR9nFSjW0cmAQcZBEzPTLnf_udzJ8Sj76SI");
```

Sample code for using the GetProcessedData API

```
RestAssured.baseURI = "http://192.168.156.212:9300/OXAPI/v1/GetProcessedData";
request_resource = RestAssured.given().queryParam("PstrOXDocumentType",
"sales")
    .queryParam("PstrProcessInstanceID", "IPS-0000004922-process");
request_resource.header("Authorization",
"Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6ImlF0K2p3dCJ9.eyJzdWIiOiI4MjhmNTc4Ny02YzZlLTRlZWMTYjNjMS
1iMzYyM2M3MzRlMDEiLCJuYW11IjoieGVzdCIsIm9pX3Byc3QiOiI4MjhmNTc4Ny02YzZlLTRlZWMTYjNjM
S1iMzYyM2M3MzRlMDEiLCJvaV9hdV9pZCI6IjcyY2RlYWJhLWRmYTgtNDI0Ny1hZGIwLWI4YWY5YjExNjE0
NSIsImNsaWVudF9pZCI6IjgyOGY1Nzg3LTZjNmUtNGVlYy1iM2MxLWlZnJlZyZzczNGUwMSIsIm9pX3Rrbl9
pZCI6Ijg2OWE5MmQ3LTg3NWUtNGMlYS1hYmI2LTFlOTg4OWU3NmY0ZiIsImF1ZCI6Ik9YQVBjU2VydmljZS
IsInNjb3BlIjoieGVmaW5pdGlubiBleHRyYWN0aW9uIGxvb2t1cCBYb3BvcnQgdmVyaWZpY2F0aW9uIG9mZ
mxpbmVfYWNjZXRzIiwiaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaXNjaX
LyIsImhhdCI6MTY1MjA4MDA3MH0.YQs412YuFR9nFSjW0cmAQcZBEzPTLnf_udzJ8Sj76SI");
Response response = request_resource.request(Method.GET, "");
System.out.println(response.body().asPrettyString());
```

Sample code for using the GetToken API

```
{
var client = new HttpClient();
var request = new HttpRequestMessage(HttpMethod.Post,
"http://192.168.21.25:9300/OXAPI/v1/GetToken");
var content = new StringContent("{\r\n\"client_id\" : \"828f5787-6c6e-4eec-b3c1-
b3623c734e01\", \r\n\"client_secret\" : \"64b16d9-751d-4e-4eec-b3c1-
b3623c734e01\", \r\n\"grant_type\" : \"client_credentials\", \r\n\"scopes\" :
\"definition lookup extraction report verification\"\r\n}\r\n", null,
"application/json");
request.Content = content;
var response = await client.SendAsync(request);
response.EnsureSuccessStatusCode();
Console.WriteLine(await response.Content.ReadAsStringAsync());
}
```