ABBYY FLEXICAPTURE

Postman collection of ABBYY Flexicapture API

Developed By: Deepak Goyal

Table of Contents

About the ABBYY Flexicapture Postman Collection

The Web Services API of the Application Server enables an external system to connect to the Application Server of ABBYY FlexiCapture using the SOAP protocol over HTTP, create a document processing task, start the task, and get the results. The Web Services API allows you to create your own applications that use ABBYY FlexiCapture as a service that analyzes document images and exports the results.

The Application Server Web Services API can be used to control a pre-configured workflow. Before you commence, you need to create projects on the Project Setup Station and specify the Document Definitions, batch types, image processing settings, etc. to be used.
The control is exercised by calling Web Services API methods. Standard and specially designed data types are used as parameters and returned values.
The formal description of the service (WSDL) is available here:

https://<ApplicationServer>/FlexiCapture12/Server/API/v1/WSDL where <ApplicationServer> is the name of the computer on which the Application Server is installed.

System Requirements

It is recommended to use Web Services API to process documents at **User Type** (ID=2000) stages. These stages can be created on the **Workflow** tab of the **Project Properties** dialog box in the **Advanced** mode. When connecting, the "External User" (ID=12) role and the "External Station" (ID=10) station type must be used.

For tasks at these stage, both pre- and post-processing are always executed, irrespective of the stage type specified when calling the CloseTask method (for other stages, post-processing is executed only if the stage of the required type is specified, e.g. "**Verification Postprocessing**"). During pre-processing, XML-files with description of documents of the task are created. It is necessary to upload these documents by the using a POST request, make necessary changes and save them on the server, then close the task by the CloseTask method. During post-processing, information from XML-files that describes the documents will be saved in ABBYY FlexiCapture database.

.

Setting up Postman collection

To set up the data conversion custom activity, perform the following steps:

Importing the package

The postman collection package includes all the Flexicapture APIs:

To import the collection, do the following:

1. Download the ABBYY Flexicapture Postman collection package (.json file).

2. In Postman click Import and select the downloaded file.

3. Once the collection is imported, the ABBYY Flexicapture API collection would be available in Postman.

Authentication methods

In ABBYY FlexiCapture 12, you can connect to the Web Services API either with a Windows account or an ABBYY FlexiCapture account.

For a Windows account you have two options:

- Windows authentication: NLTM or Negotiate
- Basic authentication, passing your username and password as Base64-encoded string "username:password"

For an ABBYY FlexiCapture account, add "/FCAuth" to the web service URL. Use Basic authentication first. After one successful call to the service, the response will contain an AuthTicket header with an authorization token that you can use for subsequent requests from the same machine with Bearer authentication.

Note: Add the suffix in the form of **?Tenant=MyTenantName** at the end of the API connection address to specify a tenant.

Examples of Web service addresses with different authentication methods

	Windows account	ABBYY FlexiCapture account
SOAP requests	https:// <ApplicationServer>/FlexiCapture12/Server/API/v1/Soap	https:// <ApplicationServer>/FlexiCapture12/Server/FCAuth/API/v1/Soap
JSON requests	https:// <ApplicationServer>/FlexiCapture12/Server/API/v1/Json	https:// <ApplicationServer>/FlexiCapture12/Server/FCAuth/API/v1/Json
POST requests	https:// <ApplicationServer>/FlexiCapture12/Server/FileService/v1	https:// <ApplicationServer>/FlexiCapture12/Server/FCAuth/FileService/v1

For Detailed Documentation refer to: [Application Programming Interface (API)](#)