



xSuite Archive Indexer

Installation Guide

Product Version 1.7
Document Version 2025-10-07

Copyright © 2025 xSuite Group GmbH

We reserve all rights, including those of reprinting, reproduction and utilization or passing on of the content of this document or parts thereof. No part may be reproduced in any form whatsoever, passed on to third parties or, in particular by use of electronic systems, processed, duplicated, distributed or used for public reproduction without written authorization from xSuite Group GmbH.

We reserve the right to update and/or modify the contents. All trademarks and logos are registered trademarks of the respective manufacturers. All other product names are used solely for identification of the products, and may be registered trademarks of the respective manufacturers.

Table of Contents

1. About this Guide	4
1.1. Icons	4
1.2. Feedback on this guide	4
2. System Requirements	5
3. Installation	6
4. Configuration	7
4.1. xSuite Archive Indexer with selector classes	7
4.1.1. Configuration of data retrieval using selector classes	7
4.1.2. Report /WMD/XFA_UPDATE	13
4.2. xSuite Archive Indexer with SAP query	14
4.2.1. Configuration of data retrieval using an SAP query	15
4.2.2. Function module /WMD/XFA_GET_REPOSITORIES	17
4.2.3. Function module /WMD/XFA_GET_FCAT_FOR_BOBJECT	18
4.2.4. Function module /WMD/XFA_GET_IDX_DATA	18
4.2.5. Web service	20

1. About this Guide

xSuite Archive Indexer, an interface program within the SAP system, indexes documents stored in the SAP archive, via ArchiveLink.

xSuite Archive Indexer writes the index data of the stored documents from the SAP system to the archive in xSuite Archive Prism or xSuite Archive Helix, enabling the user to search for documents in the archive using SAP data.

Documents can also be accessed externally via xSuite Archive Prism or the xSuite Archive Prism web client.

This guide describes the prerequisites and procedures for installing xSuite Archive Indexer 1.7.

1.1. Icons

Icon	Description
	Indicates additional information. This additional information is intended to contribute to a better understanding of individual topics and to help avoid additional work.
	Indicates a prerequisite. The prerequisite must be fulfilled in order to continue with the described action steps.
	Indicates an intermediate result of one or more action steps.
	Indicates the final result of an action sequence.

1.2. Feedback on this guide

It is of great importance to us that the guide we create for you is informative and user-friendly.

We welcome any suggestions that will help us improve this guide.

If you have any, please use this [feedback form](#) to submit them.

2. System Requirements

The system requirements of xSuite Archive Indexer correspond to the system requirements of xSuite Cube Business Solutions.

For more information, see the publication *xSuite Cube System Requirements*.

3. Installation

For the installation of xSuite Archive Indexer, import the transport request I08K905657.

**CAUTION**

If xSuite Cube Business Solutions is not installed on your system, the installation will be aborted.

If xSuite Cube Business Solutions is not installed, also import transport request I08K906064. xSuite Archive Indexer will then be installed correctly.

4. Configuration

After completing the installation, configure the xSuite Archive Indexer. Decide on the procedure to use for configuration according to the method you are using to retrieve the data.

The following data retrieval methods are available for xSuite Archive Indexer:

Method	Information and comments
Data retrieval using selector classes	See xSuite Archive Indexer with selector classes (page 7) .
Data retrieval using an SAP query	See xSuite Archive Indexer with SAP query (page 14) .



xSuite Archive Indexer supports a data-retrieval method that uses an SAP query, only for reasons of compatibility.

New customers and upgrades will be switched to a data-retrieval that uses selector classes. This type of data retrieval offers localization, improved performance, and easier setup.

The data-retrieval method that uses an SAP query has been discontinued. New functions are built only into data retrieval with selector classes.

4.1. xSuite Archive Indexer with selector classes

Each document stored in SAP ArchiveLink is assigned to an SAP business object.

The xSuite Archive Indexer data-retrieval method that uses selector classes is part of the development package /WMD/XFA_SELECTOR.

Selector classes provide information both on the documents that have been stored via ArchiveLink and on the SAP business objects that are linked to these documents.

4.1.1. Configuration of data retrieval using selector classes

xSuite Archive Indexer is configured via transaction /WMD/XFA_SPRO.

The following settings are available for the data-retrieval method that uses selector classes:

Setting	Information and comments
Determination of data retrieval method	See Defining "Selector" as the data retrieval method (page 8) .
Assignment of SAP object to selector classes	See Assigning SAP Objects to selector classes (page 9) .
Definition of external field names	See Maintaining external field names (page 10) .
Assignment of SAP object to xSuite Helix document classes	See Assigning SAP objects to the xSuite Helix document classes (page 10) .
Configuration of logical target system	See Setting up a logical target system (page 11) .
Configuration of background job for report /WMD/XFA_UPDATE	See Configuration of background job for report /WMD/XFA_UPDATE (page 12) .

4.1.1.1. Defining "Selector" as the data retrieval method

1. Call the transaction /WMD/XFA_SPRO.
➤ The customizing screen for xSuite Archive Indexer will open.
2. Click **xSuite SAP Archive Indexer** → **Selector classes** → **Determining the data retrieval: Query or Abap – Selector**.
➤ The view **xSuite Archive Indexer – Exit Classes** will open.

Exit ID	Reference to	Aktiv	Beschreibung
Indexing class: /WMD/CL_GET...	/WMD/CL_GET_IDX_SELECTOR	☒	Selector

3. Click **New Entries**.
4. In the column **Exit ID**, select **Indexing class: /WMD/CL_GET_IDX_READER_GEN**.
5. In the column **Reference to**, enter the class to be referenced.
The class must be designed for data retrieval with selector classes. The default class is /WMD/CL_GET_IDX_SELECTOR.



The delivered package can be supplemented with custom extensions.

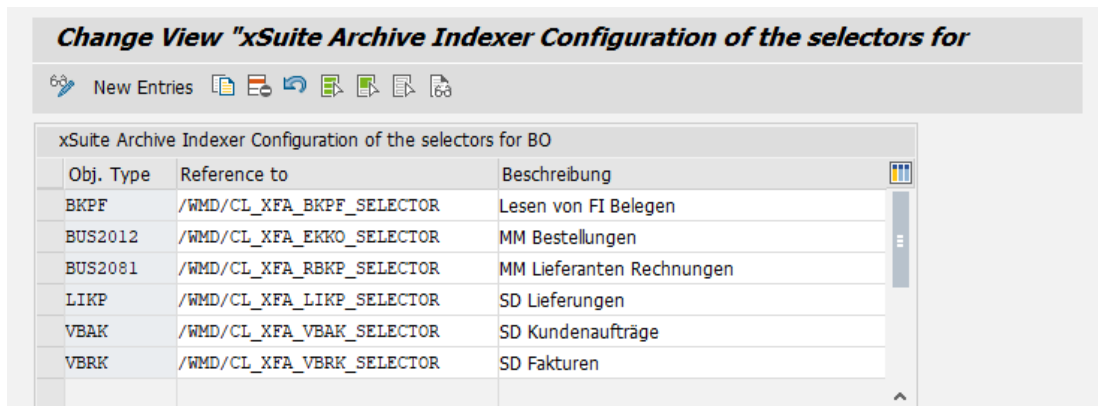
To configure such an extension, enter one of the customer's Z classes in the column **Reference to**. The Z class inherits from the default class /WMD/CL_GET_IDX_SELECTOR.

6. Activate the check box in the column **Active**.
7. Enter the value **Selector** in the column **Description**.
8. Click  **Save**.
➤ "Selector" is now defined as the procedure for retrieving data.

4.1.1.2. Assigning SAP Objects to selector classes

○ The data retrieval method is defined as "Selector"; see [Defining "Selector" as the data retrieval method \(page 8\)](#).

1. Call the transaction /WMD/XFA_SPRO.
 - The customizing screen for xSuite Archive Indexer will open.
2. Click **xSuite SAP Archive Indexer** → **Selector classes** → **Abap – Set selector classes**.
 - The view **xSuite Archive Indexer Configuration of the selectors for BO** will open.



3. Click **New Entries**.
4. Specify a selector class for each business object type used by xSuite Archive Indexer. The selector class must be one capable of determining the metadata of the business object.
The following default selector classes are available:

Obj. Type	Reference to	Description
BKPF	/WMD/CL_XFA_BKPF_SELECTOR	FI documents
BUS2012	/WMD/CL_XFA_EKKO_SELECTOR	MM orders
BUS2081	/WMD/CL_XFA_RBKP_SELECTOR	MM vendor invoices
LIKP	/WMD/CL_XFA_LIKP_SELECTOR	SD deliveries
VBAK	/WMD/CL_XFA_VBAK_SELECTOR	SD customer orders
VBRK	/WMD/CL_XFA_VBRK_SELECTOR	SD invoices



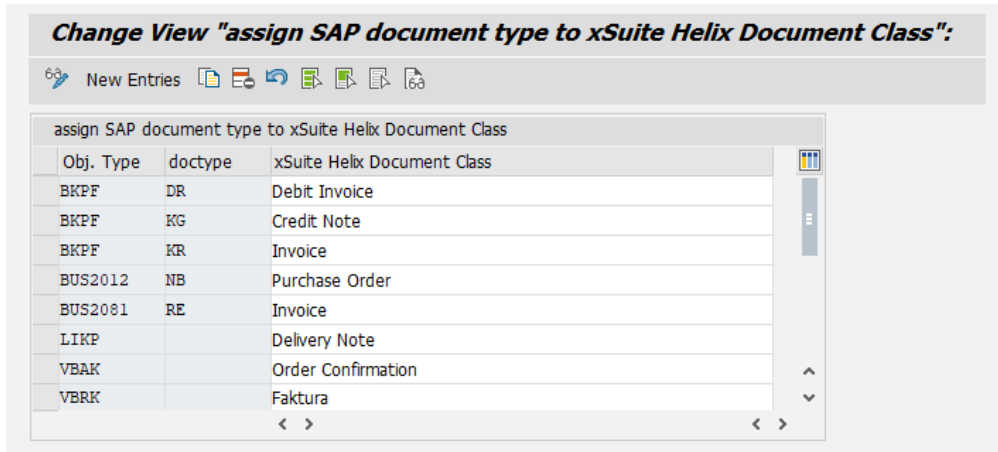
Selector classes can be supplemented with custom extensions.

To configure such an extension, enter one of the customer's Z classes in the column **Reference to**. The Z class inherits from the default class of the object type.

5. Click **Save**.
 - The SAP objects are assigned to the selector classes.

4.1.1.3. Assigning SAP objects to the xSuite Helix document classes

1. Call the transaction /WMD/XFA_SPRO.
➤ The customizing screen for xSuite Archive Indexer will open.
2. Click **xSuite SAP Archive Indexer** → **Selector Classes** → **Document Type Assignment to xSuite Helix DocumentClass**.
➤ The view **Assign SAP document type to xSuite Helix Document Class** will open.



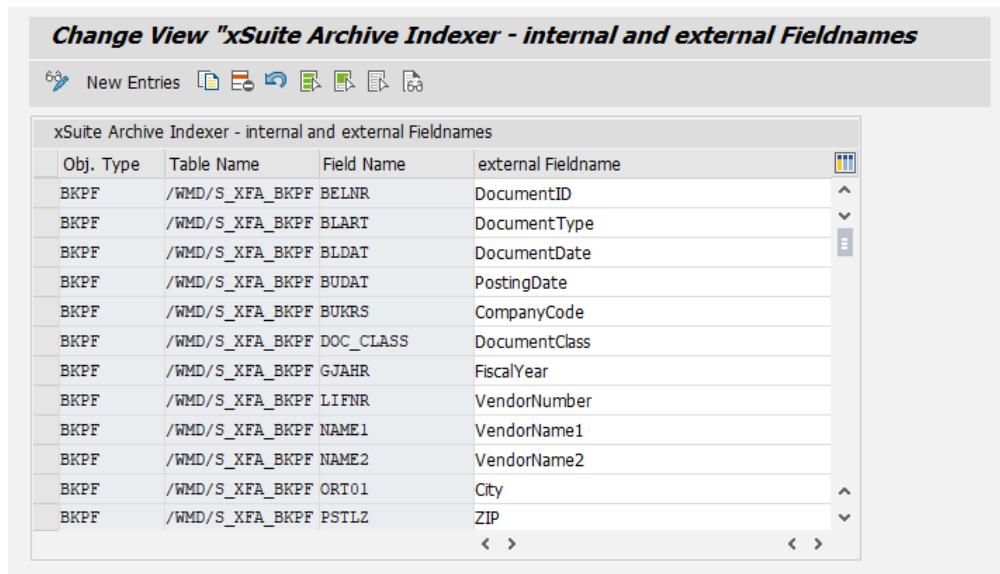
3. Click **New Entries**.
4. Enter the following values in the columns:

Column	Value
Obj. Type	SAP business object
Doctype	SAP document type
xSuite Helix Document Class	xSuite Archive document class

5. Click  **Save**.
➤ The SAP objects are now assigned to the selector classes.

4.1.1.4. Maintaining external field names

1. Call the transaction /WMD/XFA_SPRO.
➤ The customizing screen for xSuite Archive Indexer will open.
2. Click **xSuite SAP Archive Indexer** → **Selector classes** → **Maintain external field names**.
➤ The view **xSuite Archive Indexer – internal and external Fieldnames** will open.



3. Click **New Entries**.
4. Enter the following values in the columns:

Column	Value
Obj. Type	SAP business object
Table Name	Table name to be filled during data selection
Field Name	SAP field name
External Fieldname	xSuite Archive field name

5. Click  **Save**.
 - The external field names have now been entered.

4.1.1.5. Setting up a logical target system

To run the /WMD/XFA_UPDATE report, a logical target system must be specified.

1. Call the transaction /WMD/XFA_SPRO.
 - The customizing screen for xSuite Archive Indexer will open.
2. Click **xSuite SAP Archive Indexer** → **Selector classes** → **Logisches Zielsystem einrichten**.
 - The view **Configuration of RFC Connections** will open.
3. Create an HTTP connection.

The HTTP connection must point to the archive from which xSuite Archive Indexer receives the documents to be enriched.
4. Select the **Technical Settings** tab and enter the values according to the following pattern:

- For xSuite Archive Helix:

Field	Value
Target Host	<server-url>
Service No.	<port>
Path Prefix	<path>/api/v1/SAPIndexing Note: xSuite Archive Indexer builds the path suffix at runtime and expands the URL.

- For xSuite Archive Prism:

Field	Value
Target Host	<server-url>
Service No.	<port>
Path Prefix	<path>/SAPINDEXING Note: xSuite Archive Indexer builds the path suffix at runtime and expands the URL.



In the tab **Logon & Security**, you can set the login procedure.

The login methods currently supported are **No login** and **Standard authentication**.

5. Click **Save**.

➤ The target system is now defined.

4.1.1.6. Configuration of background job for report /WMD/XFA_UPDATE

If you want to set the report /WMD/XFA_UPDATE to run automatically for document indexing, you can plan it as a background job in **xSuite SAP Archive Indexer** → **Selector classes** → **Schedule background job for report /WMD/XFA_UPDATE**.

4.1.2. Report /WMD/XFA_UPDATE

The /WMD/XFA_UPDATE report can be used to start the indexing of documents stored in the archive via ArchiveLink.

The report can be run as a regular SAP job. For more information, see [Configuration of background job for report /WMD/XFA_UPDATE \(page 12\)](#).

4.1.2.1. Input parameters

Parameter	Type	Description
P_SKIP	Number	Selection parameter for setting the number of documents to be skipped
P_MAX	Number	Number of documents to be processed at once P_MAX must be between 1 and less than or equal to 100.
P_DEST	/WMD/XFA_LOG_DESTINATION	Specification of a logical destination pointing to the archive
P_TEST	ABAP_BOOL	Test mode of the program (sequence with test data)

4.1.2.2. Output parameters

When the report is executed in the dialog, an ALV list of the type /WMD/T_XFA_UPDATE_RESULTS will be displayed. The list contains the most important data for indexing.

When the report is executed in the background as a job, all output messages will be written to the job log.

4.1.2.3. Table type /WMD/T_XFA_UPDATE_RESULTS

Column name	Type	Description
DOCUMENTID	/WMD/XFA_DOCUMENTID	Document ID in the archive
REPOSITORY	/WMD/XFA_REPOSITORY	Repository ID
OBJECTTYPE	/WMD/XFA_OBJECTTYPE	Object type
OBJECTKEY	/WMD/XFA_OBJECTKEY	Object key
DOCUMENTKIND	/WMD/XFA_DOCUMENTKIND	Document cat.
ARCHIVEDATE	/WMD/XFA_ARCHIVEDATE	Archiving date
RETENTIONDATE	/WMD/XFA_RETENTIONDATE	Planned deletion date
DCOUMENTPROTECTION	/WMD/XFA_DCOUMENTPROTECTION	Write protection
REFERENCE	/WMD/XFA_REFERENCE	Reference in the archive system
DOCUMENTTYPE	/WMD/XFA_DOCUMENTTYPE	Document type
SUCCESS	/WMD/XFA_SUCCESS	Indicator: Update was successful
RESULT	/WMD/XFA_RESULT	Feedback text
PROTOCOL	/WMD/XFA_PROTOCOL_TEXT	Protocol text

4.2. xSuite Archive Indexer with SAP query



The data-retrieval method that uses an SAP query is no longer being developed for xSuite Archive Indexer. This method of data retrieval has been replaced by data retrieval using selector classes.

For more information on data retrieval through selector classes, see [xSuite Archive Indexer with selector classes \(page 7\)](#).

Each document stored in SAP ArchiveLink is assigned to an SAP business object.

The xSuite Archive Indexer data-retrieval method that uses an SAP query is part of the function group /WMD/WXFA.

This function group provides information both on the documents that have been stored via ArchiveLink and on the SAP business objects that are linked to these documents.

There are three function modules available for this purpose:

Function module	Description
/WMD/XFA_GET_REPOSITORIES	Returns all SAP ArchiveLink content repositories configured on the server. For more information, see Function module /WMD/XFA_GET_REPOSITORIES (page 17) .
/WMD/XFA_GET_FCAT_FOR_BOBJECT	For a business object, returns the field catalogs defined by the queries. For more information, see Function module /WMD/XFA_GET_FCAT_FOR_BOBJECT (page 18) .
/WMD/XFA_GET_IDX_DATA	Provides SAP metadata on DocIDs. For more information, see Function module /WMD/XFA_GET_IDX_DATA (page 18) .

Index data is retrieved through an interaction between the function module /WMD/XFA_GET_IDX_DATA and a job in the archive.

This archive job calls the WMD/XFA_GET_IDX_DATA function module via a web service. This function module is used to retrieve the index data and assign it to the correct document type.

4.2.1. Configuration of data retrieval using an SAP query

xSuite Archive Indexer is configured via transaction /WMD/XFA_SPRO.

The following settings are available for the data-retrieval method that uses an SAP query:

Setting	Information and comments
Determination of data retrieval method	See Setting "Query" as data retrieval method (page 15) .
Assignment of SAP object to query	See Assigning SAP Objects to Queries (page 16) .

4.2.1.1. Setting "Query" as data retrieval method

1. Call the transaction /WMD/XFA_SPRO.
➤ The customizing screen for xSuite Archive Indexer will open.
2. Click **xSuite SAP Archive Indexer → SAP Query (legacy) → Determining the data retrieval: Query or Abap – Selector**.
➤ The view **xSuite Archive Indexer – Exit Classes** will open.

3. Click **New Entries**.
4. In the column **Exit ID**, select **Indexing class: /WMD/CL_GET_IDX_READER_GEN**.
5. In the column **Reference to**, enter the class to be referenced.
The class must be designed for the data-retrieval method that uses an SAP query. The default class is /WMD/CL_GET_IDX_DATA_READER.



The delivered package can be supplemented with custom extensions.

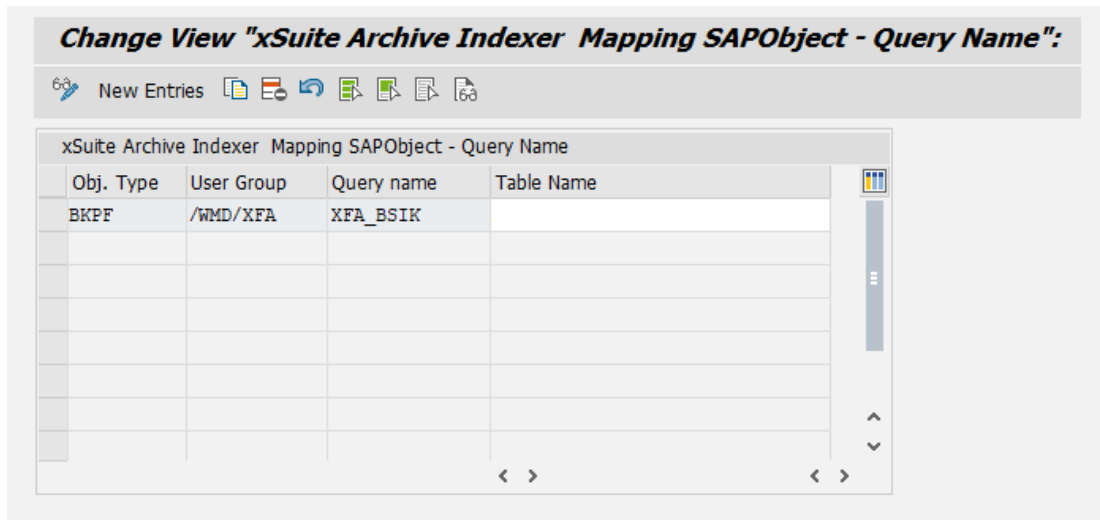
To configure such an extension, enter one of the customer's Z classes in the column **Reference to**. The Z class inherits from the default class /WMD/CL_GET_IDX_DATA_READER.

6. Activate the check box in the column **Active**.
7. In the **Description** column, enter the value **Query**.
8. Click **Save**.
➤ "Query" is now defined as the procedure for retrieving data.

4.2.1.2. Assigning SAP Objects to Queries

○ The data retrieval method is defined as "Query"; see [Setting "Query" as data retrieval method \(page 15\)](#).

1. Call the transaction /WMD/XFA_SPRO.
➤ The customizing screen for xSuite Archive Indexer will open.
2. Click **xSuite SAP Archive Indexer** → **SAP Query (legacy)** → **Mapping SAP Object – Query**.
➤ The view **xSuite Archive Indexer Mapping SAP Object – Query Name** will open.



3. Specify at least one query for each business object type to be used by xSuite Archive Indexer.

Example:

Obj. Type	User Group	Query name	Table Name
BKPF	/WMD/XFA	XFA_BSID	BSID
BKPF	/WMD/XFA	XFA_BSIK	BSIK
BUS2012	/WMD/XFA	XFA_EKKO	EKKO



The query must be one capable of determining the metadata of the business object.

The following queries are included in the standard package:

Query	InfoSet	Business object	Description
XFA_BSID	/WMD/XFA_BSID	BKPF	Accounts receivable FI documents
XFA_BSIK	/WMD/XFA_BSIK	BKPF	Accounts payable FI documents
XFA_EKKO	/WMD/XFA_EKKO	BUS2012	Purchase orders
XFA_MKPF	/WMD/XFA_MKPF	BUS2017	MM goods movements (delivery notes)
XFA_RBKP	/WMD/XFA_RBKP	BUS2081	MM invoices

4. Click  **Save**.
- The SAP objects are now assigned to the queries.



Custom queries must have the primary key(s) of the business object as selection criteria.

Example:

- Selection criteria for FI documents: Company code, document number, fiscal year
- Selection criteria for purchase orders: Purchase order number

All other selection criteria are ignored.

4.2.2. Function module /WMD/XFA_GET_REPOSITORIES

The function module /WMD/XFA_GET_REPOSITORIES is used to deliver the SAP ArchiveLink Content Repositories configured on the SAP server.

4.2.2.1. Input parameters

The function module has no input parameters.

4.2.2.2. Output parameters

Parameter	Type	Description
ET_REPOSITORIES	Type /WMD/T_XFA_CREP_HTTP table	Table xSuite Archive Link Content Repositories

4.2.2.3. Table type /WMD/T_XFA_CREP_HTTP

Column name	Type	Description
CREP_ID	CHAR30	Storage location for physical documents
HTTP_SERV	CHAR64	Computer name of HTTP server
HTTP_PORT	NUMC05	Port in the content server
HTTP_SPORT	NUMC05	SSL port in the content server
HTTP_SCRPT	CHAR70	HTTP script in the content server

4.2.3. Function module /WMD/XFA_GET_FCAT_FOR_BOBJECT

The function module /WMD/XFA_GET_FCAT_FOR_BOBJECT returns those SAP business object field catalogs that are defined by the queries stored in customizing.

A field catalog contains the fields returned by the "GetIdxData" method for a DocID associated with an SAP business object.

This field catalog provides the field name, a descriptive text and the data type of the field.

4.2.3.1. Input parameters

Parameter	Type	Description
IV_SAP_OBJECT	CHAR10	SAP ArchiveLink: Object type of the business object (e.g., BKPF: FI document, EKKO: Purchase order)

4.2.3.2. Output parameters

Parameter	Type	Description
ET_FCAT	Type /WMD/T_XFA_FCAT table	Archive Link Content Server – Field Catalogs for a Business Object

4.2.3.3. Table type /WMD/T_XFA_FCAT

Column name	Type	Description
SAP_OBJECT	CHAR10	SAP ArchiveLink: Object type of the business object
USERGROUP	CHAR12	SAP query (S): User group name
QNUM	CHAR14	SAP query Query name / name of a quick view
TABNAME	CHAR30	ArchiveLink Content Server – Table name
FIELDNAME	CHAR30	ArchiveLink Content Server – Field name
DATATYPE	CHAR132	Data type in the ABAP dictionary
FDESCRIPTION	CHAR40	Archive Link Content Server – Field description

4.2.4. Function module /WMD/XFA_GET_IDX_DATA

The function module /WMD/XFA_GET_IDX_DATA can be used to read information about a business object.

The metadata to be read out can be adapted and extended via custom infosets and queries. Some sample queries are delivered.

The function module /WMD/XFA_GET_IDX_DATA can be called in two ways:

1. Call specifying a set of document IDs
 - The function module will supply the metadata for exactly these documents.
2. Call specifying a specific period
 - The function module will supply the metadata for all documents that have been filed in the period specified.

4.2.4.1. Input parameters

Parameter	Type	Description
IV_ISO_LANG	CHAR02, optional	Language according to ISO 639 The field descriptions are delivered in the language specified.
IV_AR_DATE_FROM	Date field (YYYYMMDD)	Start date for filtering by filing date
IV_AR_DATE_TO	Date field (YYYYMMDD)	End date for filtering by filing date
IT_DOCIDS	Type /WMD/T_XFA_DOCIDS table	Table with document IDs for which metadata is to be determined

4.2.4.2. Table type /WMD/T_XFA_DOCIDS

Column name	Type	Description
ARCHIV_ID	CHAR02	Content Repository ID
ARC_DOC_ID	CHAR40	SAP ArchiveLink: Document ID

4.2.4.3. Output parameters

Parameter	Type	Description
ET_IDX_DATA	Type /WMD/T_XFA_IDX_DATA table	Table with document IDs and associated metadata

4.2.4.4. Table type /WMD/T_XFA_IDX_DATA

Column name	Type	Description
SAP_OBJECT	CHAR10	SAP ArchiveLink: Object type of the business object
OBJECT_ID	CHAR50	SAP ArchiveLink: Object ID (object identifier)
ARCHIV_ID	CHAR02	Content Repository ID
ARC_DOC_ID	CHAR40	SAP ArchiveLink: Document ID
AR_OBJECT	CHAR10	Document type
AR_DATE	Date field (YYYYMMDD)	Filing date
DEL_DATE	Date field (YYYYMMDD)	Expiration date
META_DATA	/WMD/T_XFA_META_DATA	Table with metadata

4.2.4.5. Table type /WMD/T_XFA_META_DATA

Column name	Type	Description
SEQNO	INT4	Sequential number (line number)
FNAME	CHAR30	Name of the field (e.g., KOSTL)
FVALUE	CHAR45	Field content
FDESCRIPTION	CHAR40	Field description (e.g., English: Company Code; French: Centre de coûts)

4.2.5. Web service

The function module `/WMD/XFA_GET_IDX_DATA` can be called via a web service.

The `/WMD/XFA` service definition is to be found in the `/WMD/XFA` development package.