PROCESSING OF IDOCS

IDoc is an SAP document format for transferring business transaction data. Non-SAP systems can use IDocs as a standard interface for data transfer.
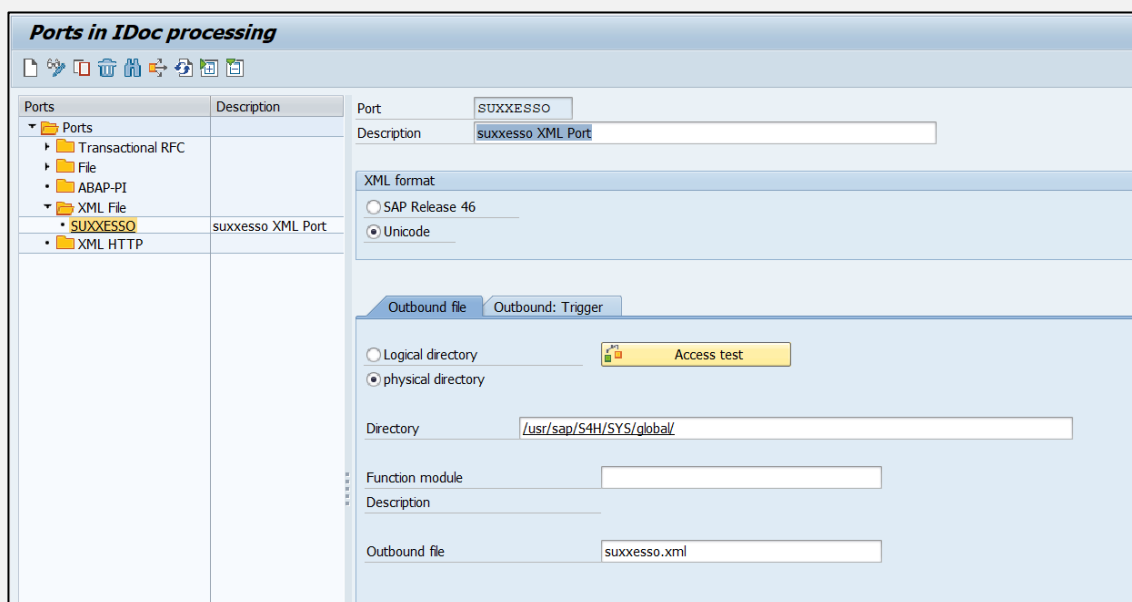
The suxxesso Tool Suite can read and manipulate IDocs in XML format and trigger processing.

Prerequisites:

- An XML file port must be created in transaction WE21.
- For the RFC call, a dedicated IDOC import user should be created in transaction SU01. This user does not need any dialog permissions, only the role /SUXXESSO/IDOC_IMPORT.
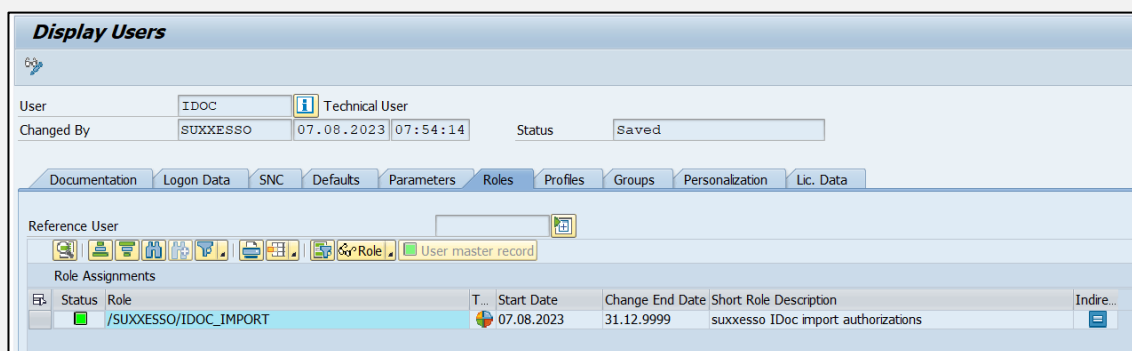
1	**Transaction: *WE21***
2	**Transaction: *SU01***

XML Export:

1	**Transaction:** *SE38* In transaction SE38, an existing IDoc can be exported as an XML file using the program RCOD_DOWNLOAD_IDOC_AS_XML.
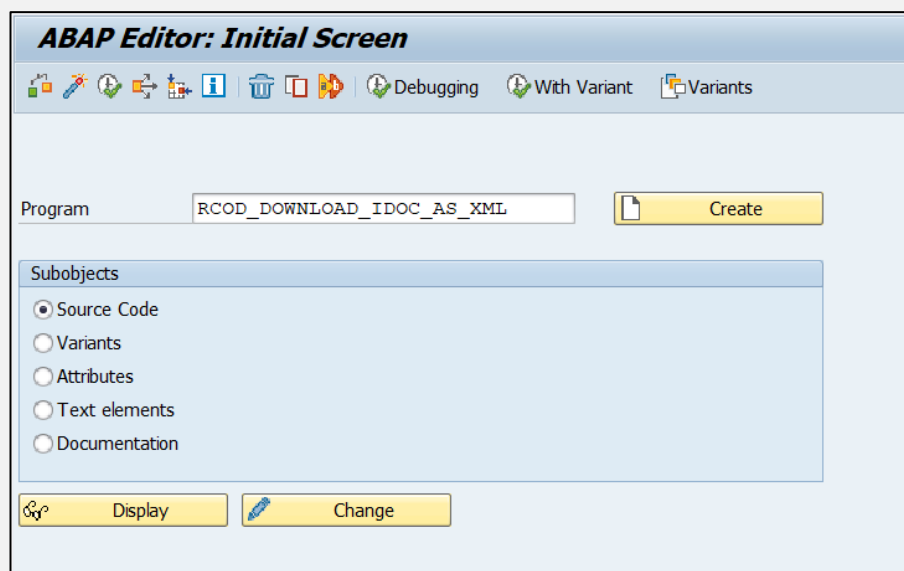
Implementation:

The import of an IDoc is done in 2 steps (RFC calls):

- /SUXXESSO/IDOC_IMPORT_V1
- /SUXXESSO/IDOC_GET_STATUS_V1

These two modules can be displayed with transaction SE80, function group /SUXXESSO/IDOC_API under function modules.

	Transaktion: *SE38*
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Description of the modules:

1	**/SUXXESSO/IDOC_IMPORT_V1:** This module imports the IDoc and optionally starts its processing (controlled by the input parameter I_TRANSFER_TO_APPL). **Import Parameter:** • I_IDOC_XML: XML string of the IDoc to be imported • I_PORT_XML: File port to be used for the import (see prerequisites) • I_TRANSFER_TO_APPL: Set to *X* to trigger the processing of the import **Export Parameter:** • E_SUCCESS: Set to *X* if the import was successful • E_LAST_DOCNUM: Last IDoc number imported under the RFC user • E_ERROR_MESSAGE: Error Message • E_DOCNUMS: List of imported IDocs since the start of the RFC call • E_JOB_ID: The batch job ID, if I_TRANSFER_TO_APPL has been set

/SUXXESSO/IDOC_GET_STATUS_V1

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Via this module the batch job status as well as the last status of an IDoc can be queried at the same time.

Import Parameter:
- I_DOCNUM: IDoc-Number
- I_JOB_ID: Batch Job Id

Export Parameter:
- E_DOCNUM_STATUS: Status of the IDoc
- E_JOB_STATUS: Status of the batch Job
- E_ERROR_MESSAGE: Error Message

Display IDocs:

Transaction WE02 can be used to display the processed IDocs.

Transaction: WE02

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Known Issues:

If IDoc imports are called simultaneously with the same user, a race condition of the returned IDoc numbers may occur.