Document Categories:

What's New?

ABAP Proxy communication (Server Proxy)

...Previous

First we need a Sender Communication channel, which will be able to pick up the file from source FTP server. Find below the attributes of the communication channel, which is of type ‘File’.

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- Enhancements to a standard class
- Working with Floating Field in Adobe Forms
- Inserting data from Internal Table into the step "Send Mail"
- Display GL Account long text using enhancement framework
- Differences between polymorphism in JAVA and ABAP
- Passing multiline parameters from an ABAP Class event to a Workflow container
- Concept of Re-evaluate agents for active work items in SAP Workflow
- Dynamic creation of component usage in ABAP WebDynpro
- Adobe Forms: Display symbols like copyright and others
- Deactivate Hold functionality in Purchase order (ME21N)
- Quiz on OOABAP
- Add fields in FBL5N using BADIs
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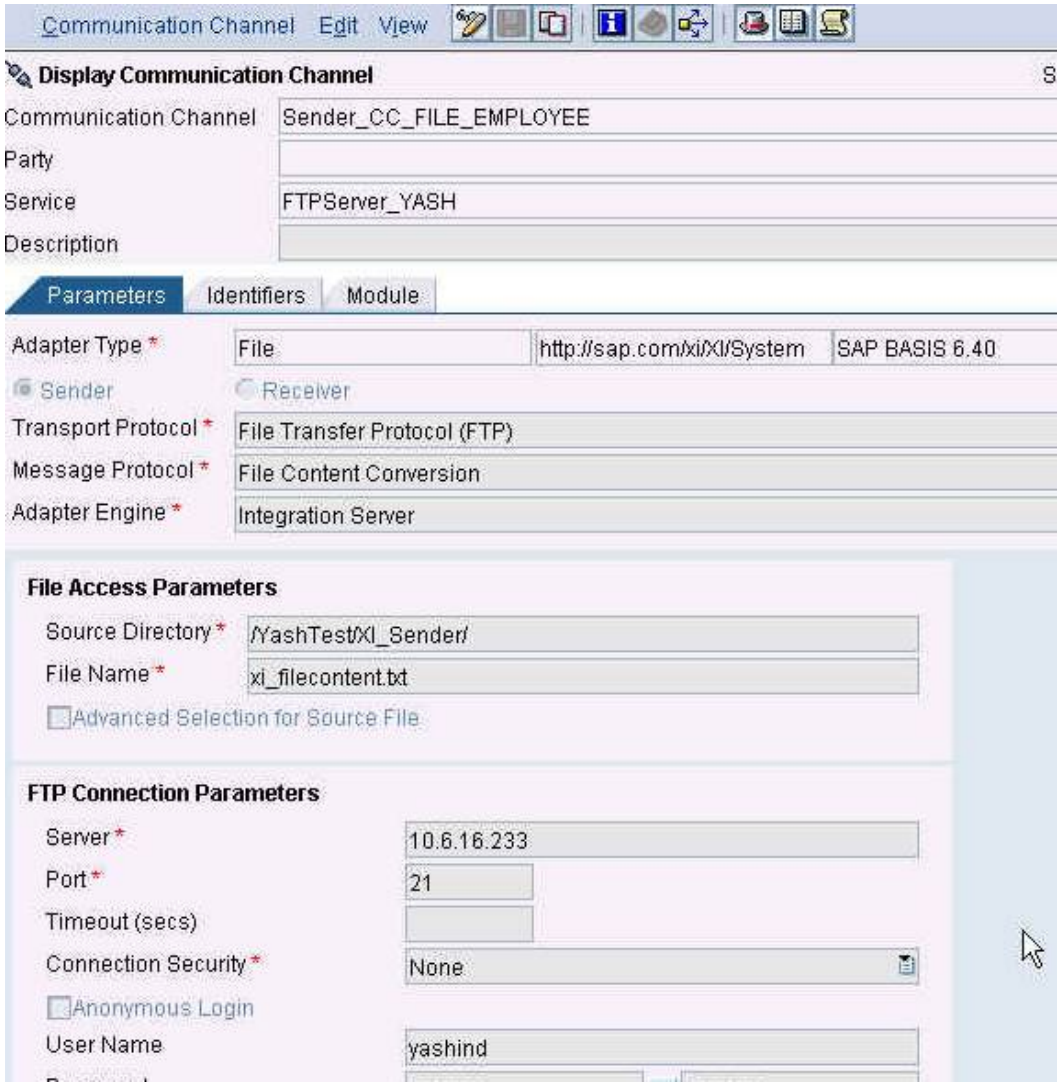
- Copy fields from one structure/table into another structure/table
- Side Panel Usage in NWBC

Contribute?

Sample Specs

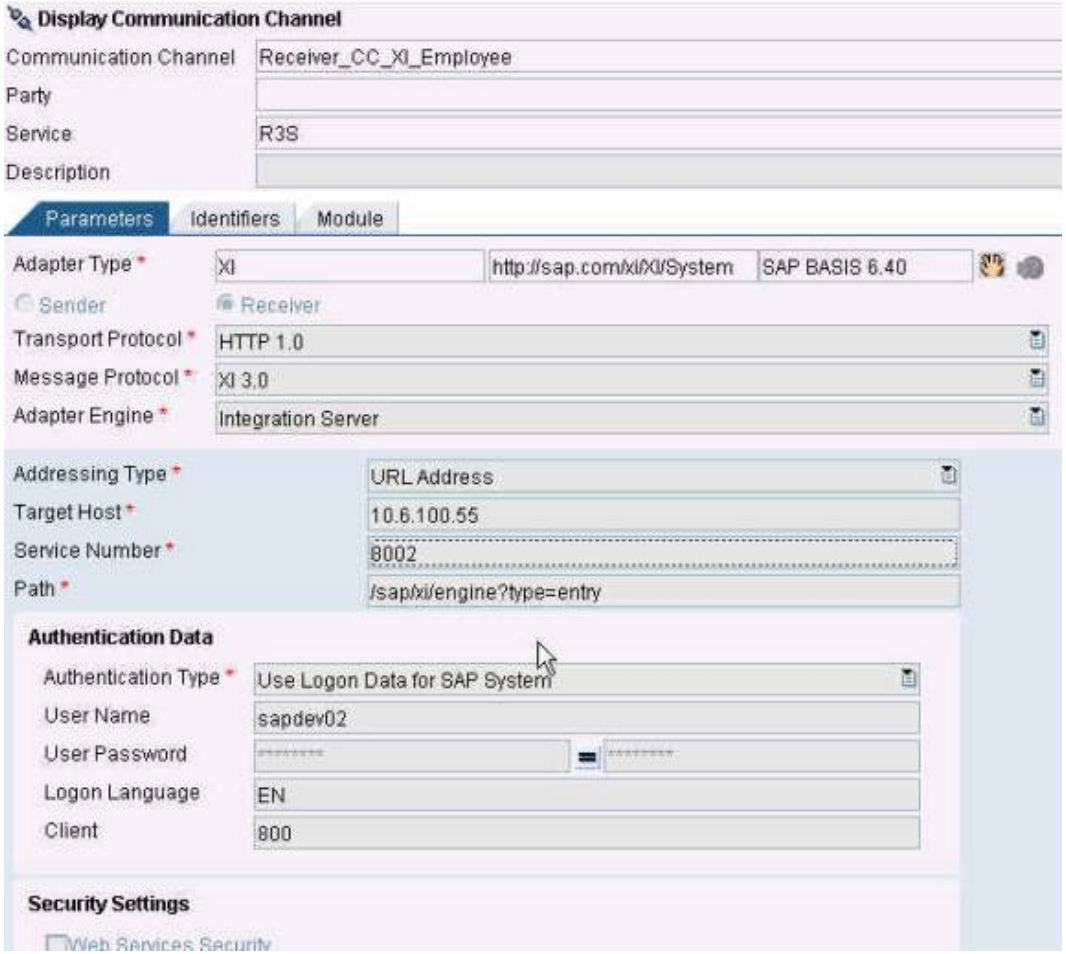
What's Hot?

Web Dynpro for ABAP Tutorials

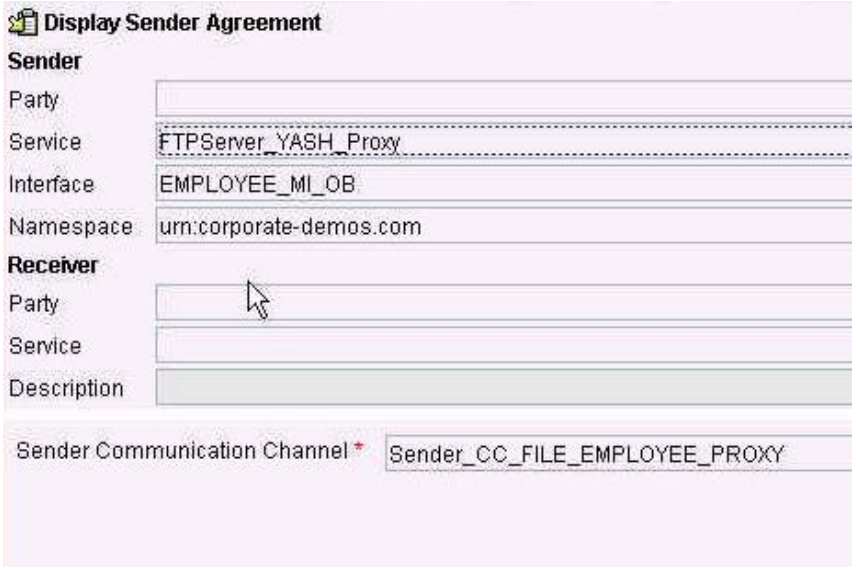


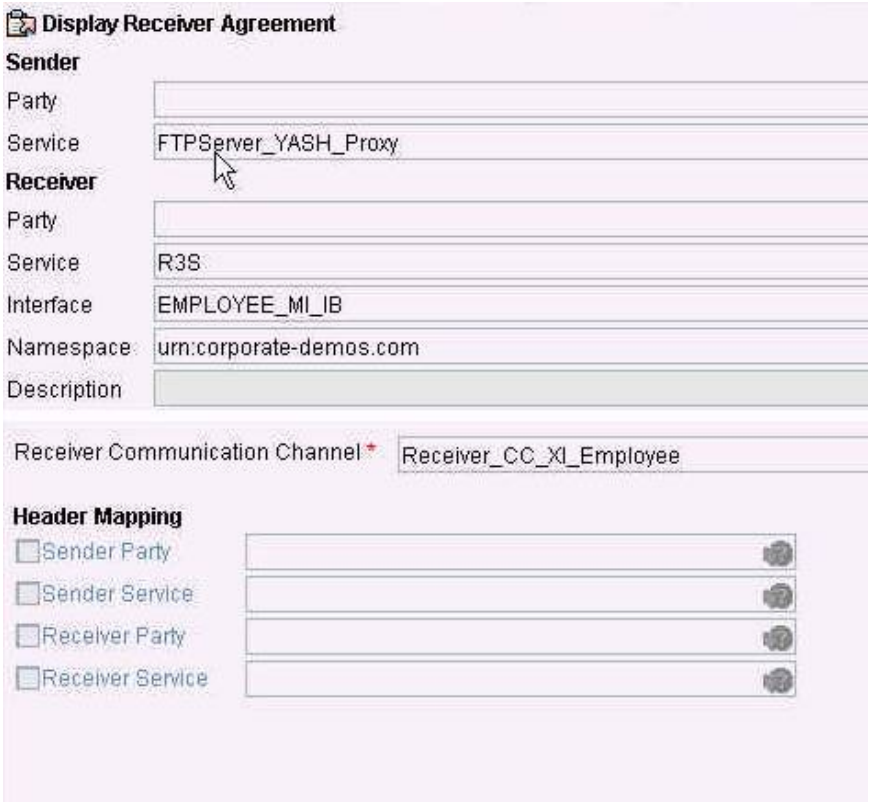
Then create a receiver communication channel to place a proxy call. Though we use XI Adapter for placing the proxy call, we will call this communication as 'Adapter less' communication. The reason is, usually an adapter is used to specify transport protocol where in this is used to define the mode of communication and message protocol where in this is used to convert the message format from XML to native format and other wise.

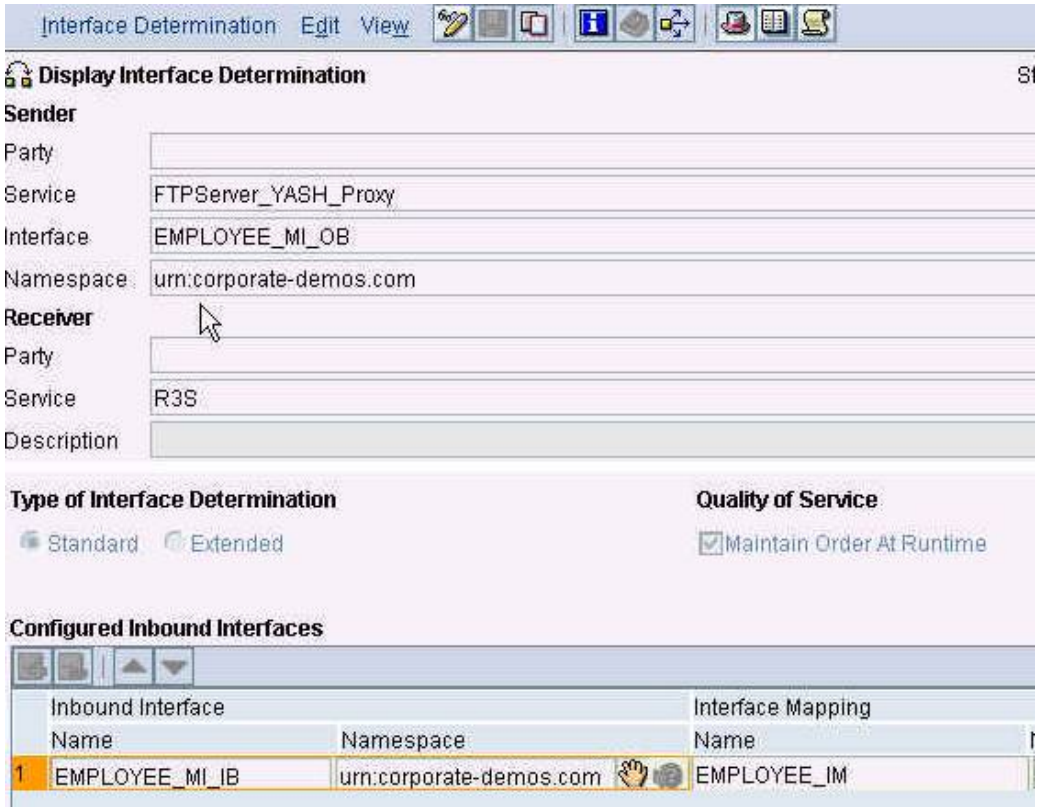
As XI adapter is defined with HTTP as transport protocol and XI as message protocol, both are default protocols of XI environment, hence we say it is adapter less communication.

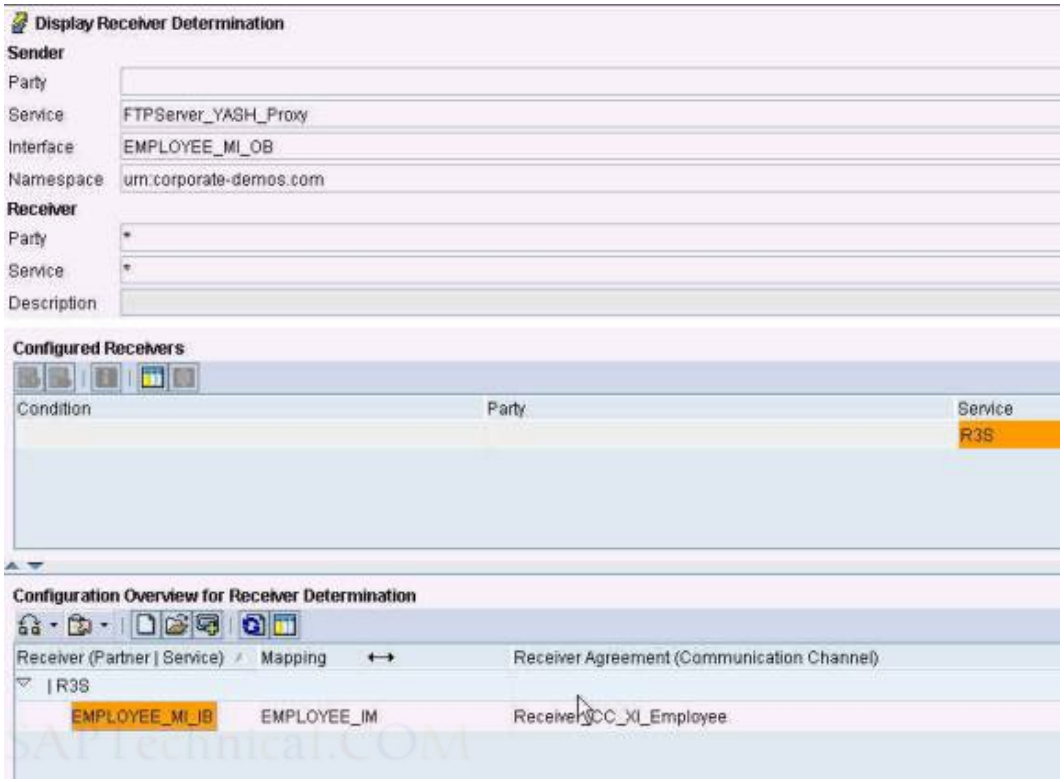


To complete the configuration we have to define collaborative profiles and agreements, which include Sender Agreement, Receiver Agreement, Interface Determination and Receiver Agreement. Find below the screenshots explaining the same.

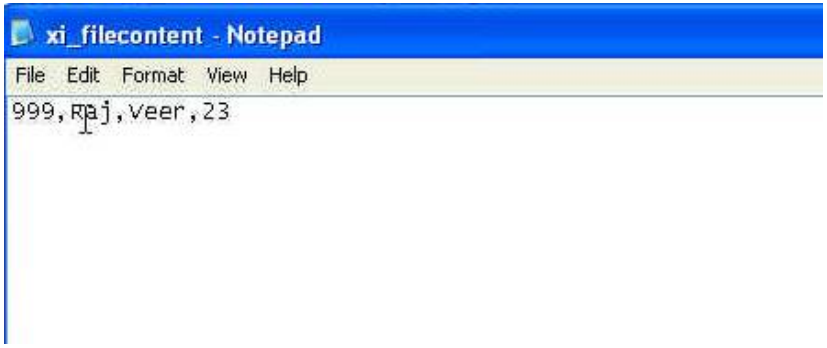

Display Sender Agreement
Sender
Party
Service
FTPServer_YASH_Proxy
Interface
EMPLOYEE_MI_OB
Namespace
urn:corporate-demos.com
Receiver
Party
Service
Description
Sender Communication Channel *
Sender_CC_FILE_EMPLOYEE_PROXY


Display Receiver Agreement
Sender
Party
Service
FTPServer_YASH_Proxy
Receiver
Party
Service
R3S
Interface
EMPLOYEE_MI_IB
Namespace
urn:corporate-demos.com
Description
Receiver Communication Channel *
Receiver_CC_XI_Employee
Header Mapping
Sender Party
Sender Service
Receiver Party
Receiver Service

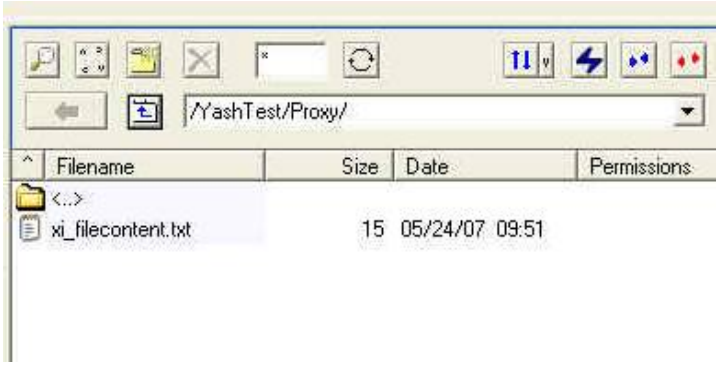

Interface Determination Edit View
Display Interface Determination
Sender
Party
Service FTPServer_YASH_Proxy
Interface EMPLOYEE_MI_OB
Namespace urn:corporate-demos.com
Receiver
Party
Service R3S
Description
Type of Interface Determination
Standard Extended
Quality of Service
Maintain Order At Runtime
Configured Inbound Interfaces
Inbound Interface
Name Namespace
Interface Mapping
Name
1 EMPLOYEE_MI_IB urn:corporate-demos.com EMPLOYEE_IM



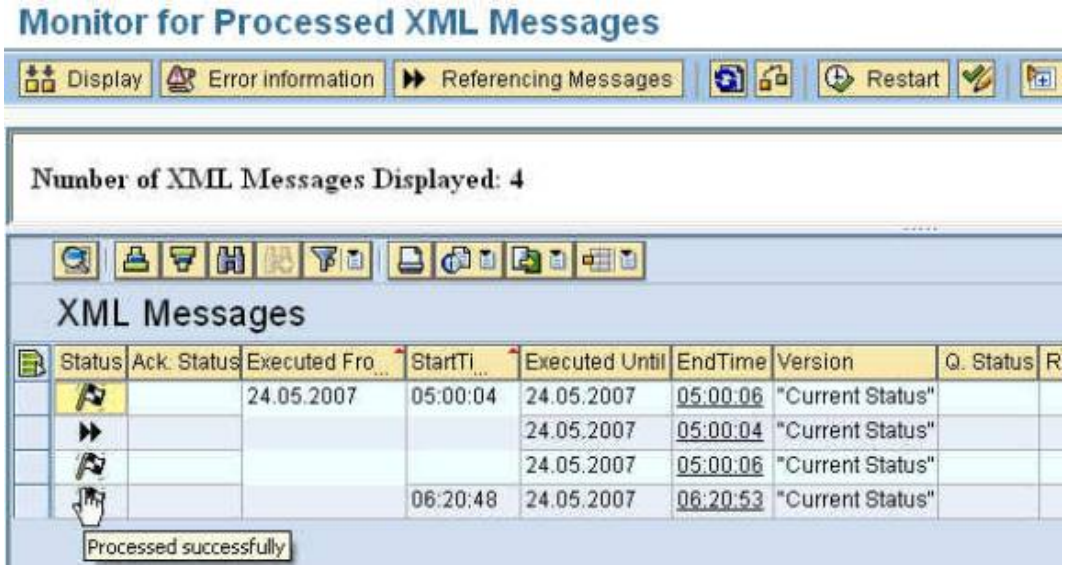
Now prepare the file with Employee personal details resembling outbound message type as shown below:



This file is placed on FTP server to wait for the XI server to pick of the file at regular intervals, hence we can call the scenario to be Time bound file processing.



After the defined periodicity as per Sender communication channel, the file is picked for processing and can be found through ABAP stack of XI through the transaction code SXI_MONITOR. This is explained in the screenshot below:



Shortly you will notice that the message got successfully processed and data is posted in the database.

Table: ZEMPDETAIL
Displayed Fields: 5 of 5 Fixed Columns: 2 List Width 1000

MANDT	SSN	LNAME	FNAME	AGE
800	0000	test	test	1
800	1111	Rambabu	Kunuku	27
800	123-456-789	SAPDEV02	02	4
800	1234	SK	pabbathi	20
800	2222	Yash	Technologies	5
800	6666	andrew	andrew	2
800	6789	SAPDEV02		20
800	777		pragada raju	23
800	7777	test	test	2
800	888	test	test	2
800	9999	test	test	2

The record that got posted is related to SSN 999 that can be viewed in the database.

Table ZEMPDETAIL Display

MANDT	800
SSN	999
LNAME	
FNAME	Veer Raj
AGE	23