

PI Technical Specification

ICO_ ECC XiPatternInterface

Description:

DPI

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1. Enterprise Services Repository (ESR)

1.1 Process Integration Scenario

1.2 Integration Processes

1.3 Operation Mappings

1.3.1 XiPatternInterface4ToInterface5

Operation Mapping Name	XiPatternInterface4ToInterface5
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Description	
Use SAP XML Toolkit	No
Do not resolve XOP	No
Read Attachments	
Multiplicity	1:1
Source Operation Name	XiPatternInterface4
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Target Operation Name	XiPatternInterface5
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Request	
Source Message Name	XiPatternMessage4
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Target Message Name	XiPatternMessage5
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Mapping Name	XiPatternMessage4ToMessage5
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Mapping Type	Message Mapping
Imported Archive	
Archive Namespace	

1.4 Service Interfaces

1.4.1 Sender Interfaces

1.4.2 Receiver Interfaces

Service Interface	XiPatternInterface5		
Namespace	http://sap.com/xi/XI/System/Patterns		
SWCV	SAP BASIS 7.50		
Description			
Category	Abstract		
Interface Pattern	Stateless (XI3.0-Compatible)		
Operation	XiPatternInterface5		
Operation Pattern	Normal Operation	Mode	Asynchronous
REQUEST Message Type Namespace	XiPatternMessage5 Message Type http://sap.com/xi/XI/System/Patterns		

1.4.3 Message Types

Message Type	XiPatternMessage5
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Description	XI Patterns: Message 5
Data Type	XiPatternDataType5
Data Type Namespace	http://sap.com/xi/XI/System/Patterns
XML Namespace	http://sap.com/xi/XI/System/Patterns

1.4.4 Data Types

Data Type Name	XiPatternDataType5
Namespace	http://sap.com/xi/XI/System/Patterns
SWCV	SAP BASIS 7.50
Description	

2. Integration Directory

2.1 Config Scenario

2.2 Integrated Configurations

2.2.1 | ECC | XiPatternInterface | |

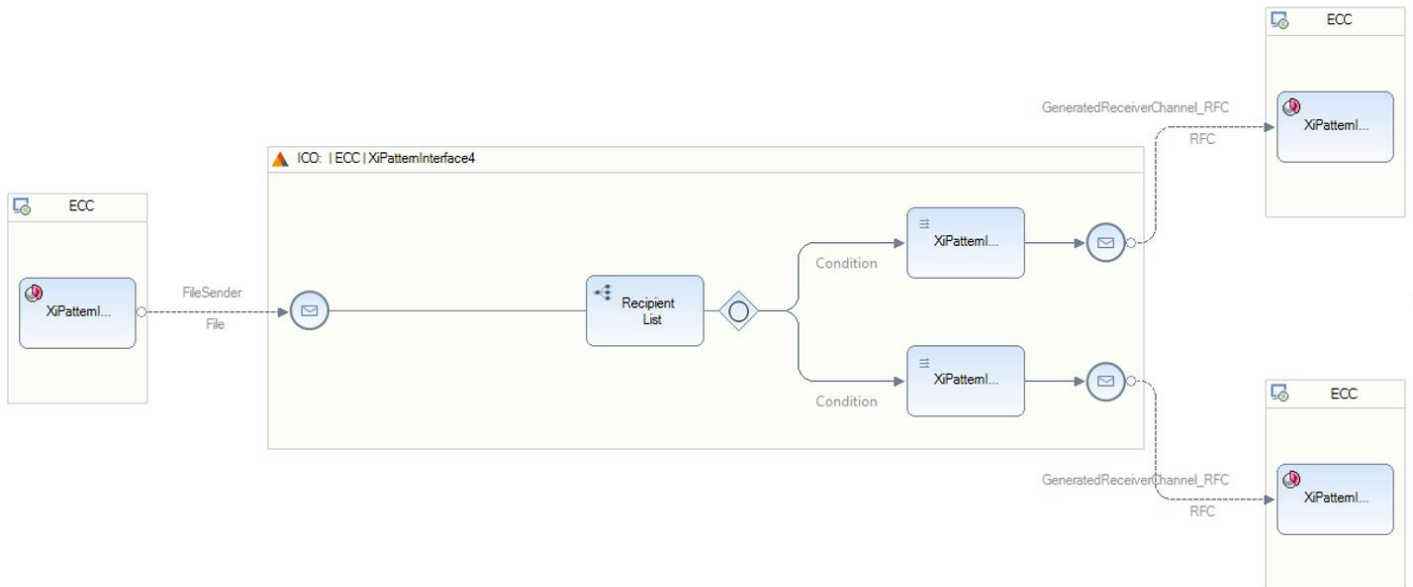


Chart 1: DPI ICO: |ECC| XiPatternInterface

INT CONFIGURATION	ECC XiPatternInterface
Sender Party	
Sender Component	ECC
Sender Interface Name	XiPatternInterface4
Sender Int. Namespace	http://sap.com/xi/XI/System/Patterns
Receiver Party	
Receiver Component	
Description	
INBOUND PROCESSING	
Communication Channel	FileSender
SWCV of SND Interface	7e9a3ca7-82ab-11df-b3ad-f6750a424100
Schema Validation	false
Virus Scan	Use Global
RECEIVERS	
Receiver Party	
Receiver Component	ECC
Condition	

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No Receiver Found	Error Message	
No Receiver Party		
No Receiver Component		
RECEIVER INTERFACES		
Receiver Party		
Receiver Component	ECC	
Operation	XiPatternInterface4	
Condition	(xsd:string TECHNICAL_CONTEXT_OBJECT SNDPRN EQ CONSTANT AU)	
Operation Mapping	XiPatternInterface4ToInterface5	
Mapping Namespace	http://sap.com/xi/XI/System/Patterns	
Mapping Parameters	Name	Value
	CountryCode	AU
	Title	Australia
Rec. Interface Name	XiPatternInterface5	
Rec. Interface Namespace	http://sap.com/xi/XI/System/Patterns	
Operation	XiPatternInterface4	
Condition	(xsd:string TECHNICAL_CONTEXT_OBJECT SNDPRN EQ CONSTANT UK)	
Operation Mapping	XiPatternInterface4ToInterface5	
Mapping Namespace	http://sap.com/xi/XI/System/Patterns	
Mapping Parameters	Name	Value
	CountryCode	UK
	Title	United Kingdom
Rec. Interface Name	XiPatternInterface5	
Rec. Interface Namespace	http://sap.com/xi/XI/System/Patterns	
Quality of Service	EO	
OUTBOUND PROCESSING		
Receiver Party		
Receiver Component	ECC	
Rec. Interface Name	XiPatternInterface5	
Rec. Interface Namespace	http://sap.com/xi/XI/System/Patterns	
Communication Channel	GeneratedReceiverChannel_RFC	
SWCV of RCV Interface	SAP BASIS 7.50	
Schema Validation	false	
Virus Scan	Use Global	
Header Mapping		
SND Comm Party		
SND Comm Comp		
RCV Comm Party		
RCV Comm Comp		
ASSIGNED USERS		
User Name	BOND	
User Name	JAMES	
ADVANCED SETTINGS		

2.2.2 Communication Channels

2.2.2.1 | ECC | FileSender

Communication Channel	ECC FileSender	
Party		
Communication Component	ECC	
Communication Channel	FileSender	
Master Language	EN	
Description		
Direction	Sender	
Transport Protocol & vers	File	
Message Protocol & vers	File 3.0.0527	
Adapter Engine		
Module Name	Module Type	Module Key
Regression/SaveModule	Local Enterprise Bean	poRegrSave
Module Parameter Name	Module Parameter Value	
Save	true	
Module Name	Module Type	Module Key
CallSapAdapter	Local Enterprise Bean	0
Module Parameter Name	Module Parameter Value	
Adapter Metadata		
Adapter Key	Adapter Value	
file.sourceDir	C:\tmp\ERP-sender	
file.sourceFileName	test.xml	
advancedSourceFileSelection	0	
file.additionalPayloads	0	
file.qualityOfService	EO	
file.pollInterval	60	
file.processingMode	test	
file.archiveWithTimestamp	0	
emptyFileHandling	confirm	
useErrorArchiveDir	0	
errorArchiveWithTimestamp	1	
file.processingLocked	0	
file.processingOrder	byName	
file.type	bin	
file.preprocess.executeTerminateAfterTimeout	0	
file.executeTerminateAfterTimeout	0	
file.EnableDuplicateHandling	0	
file.DuplicateMsgThreshold	0	
file.DisableChannelOnDuplicate	0	
enableDynConfigSender	0	
dynConfigFileName	1	
dynConfigDirectory	0	
dynConfigFileType	0	
dynConfigFileEncoding	0	
dynConfigSourceFileSize	0	

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dynConfigSourceFileTimestamp	0
file.adapterStatus	inactive
file.advanced	0
enableChunkMode	0
chunkSize	10
file.checkFileModification	0

2.2.2.2 | ECC | GeneratedReceiverChannel_RFC

Communication Channel	ECC GeneratedReceiverChannel_RFC	
Party		
Communication Component	ECC	
Communication Channel	GeneratedReceiverChannel_RFC	
Master Language	EN	
Description	RFC Channel for ECC	
Direction	Receiver	
Transport Protocol & vers	RFC	
Message Protocol & vers	RFC	
Adapter Engine		
Module Name	Module Type	Module Key
RfcAFBean	Local Enterprise Bean	0
Module Parameter Name	Module Parameter Value	
Adapter Metadata		
Adapter Key	Adapter Value	
externalServer	SAP	
loadBalancing	0	
applicationServer	host1	
systemNumber	10	
authenticationModeBasicSNC	basicSAP	
QoP	default	
SNCAdditional	0	
logonUser	user1	
logonLanguage	EN	
logonClient	010	
maxPoolSize	1	
additionalParameter	0	
additionalParameterConfirmTransaction	1	
singleBapiCommit	0	
singleBapiCommit.additionalParameter	0	
repository.additionalRepository	0	
repository.loadBalancing	0	
repository.authenticationModeBasicSNC	basicSAP	
repository.QoP	default	
repository.SNCAdditional	0	
supportNonUnicodeServer	0	
repository.additionalParameter	0	
adapterStatus	active	

3. Message Mapping Specification

3.1 XiPatternMessage4ToMessage5

System ID	DPI
Mapping Name	XiPatternMessage4ToMessage5
Mapping Namespace	http://sap.com/xi/XI/System/Patterns
Mapping Software Component Version	SAP BASIS 7.50
PI Version (created)	XI7.1
Changed By	sap
Changed On	2011-02-28 12:01:21.707
Person Responsible	sap
Source Message Type	XiPatternMessage4
Target Message Type	XiPatternMessage5

Parameters

CountryCode xsd:string Input Parameter

Title xsd:string Input Parameter

Imports

```
import com.sap.aii.mapping.api.*;
import com.sap.aii.mapping.lookup.*;
import com.sap.aii.mappingtool.tf7.rt.*;
import java.io.*;
import java.lang.reflect.*;
import java.util.*;
```

Target field	Mapping rule
XiPatternMessage5/Person	XiPatternMessage4/Person
XiPatternMessage5/Person/Id	XiPatternMessage4/Person/Id

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XiPatternMessage5/Person/ Name	<p>concat</p> <p><u>Parameter(s):</u></p> <ul style="list-style-type: none">delimiter : concat <p><u>Parameter(s):</u></p> <ul style="list-style-type: none">delimiter : const <p><u>Parameter(s):</u></p> <ul style="list-style-type: none">value : XiPatternMessage4/Person/FirstName XiPatternMessage4/Person/LastName
XiPatternMessage5/Person/ ContactNumber	<p>concat</p> <p><u>Parameter(s):</u></p> <ul style="list-style-type: none">delimiter : - const <p><u>Parameter(s):</u></p> <ul style="list-style-type: none">value : XiPatternMessage4/Person/MobileNumber