

IBM WEBSHERE PARTNER GATEWAY V6.0– LAB EXERCISE

ROD to EDI Configuration

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NOTE: Education materials and other documentation as applicable including programming manuals, operating guides, physical planning manuals and installation manuals related to the IBM Products may be early versions subject to change.

What this exercise is about

This document describes how to configure WebSphere Partner Gateway to accept a ROD document, translate it to EDI transaction which is enveloped and sent to destination Trading Partner gateway.

Lab Requirements

List of system and software required for the student to complete the lab.

- WebSphere MQ 5.3 with CSD 08 installed
- DB2 8.2 Enterprise server installed
- Data Interchange Services Client 6.0 installed
- WebSphere Partner Gateway V 6.0 (WPG) software installed (This includes the DB loader and the runtime servers)

What you should be able to do

At the end of this lab you should be able to:

Configure WebSphere Partner Gateway to accept a ROD document, translate it to EDI transaction which is enveloped and sent to the target Participant.

Exercise Instructions

Some instructions in this lab may be Windows operating-system specific. If you plan on running the lab on an operating-system other than Windows, you will need to execute the appropriate commands, and use appropriate files (.sh vs. .bat) for your operating system. The directory locations are specified in the lab instructions using symbolic references, for example:

Reference Variable	Windows Location	UNIX Location
<WPG_HOME>	C:\IBM\WPG\bcghub	/opt/IBM/WPG/bcghub
<LAB_FILES>	C:\LabfilesWPG	/tmp/LabfilesWPG
<TEMP>	C:\temp	/tmp

WPG users can be categorized into 3 administrative roles.

Community Operator: The Community Operator is responsible for managing the day-to-day operation of the hub community. Pre-defined user– cannot be deleted. Acts as “sysadmin” for WPG. Defines and maintains the WPG’s capabilities. Typically does NOT send or receive documents



Community Participant: External business partners to WPG. Can be as many defined as desired



Community Manager: The Community Manager is the primary driving force within the hub community. Also a participant, but is the principle one. Can only have one Community Manager in WPG. Operational manager for the community



Lab Files

You would need a copy of the following files in your <LAB_FILES>

MAP File: S_DT_ADF_TO_EDI.eif

Input File: adf2edi.inp

Part 1: Introduction

Objective:

The source trading partner sends an ROD/XML document which needs to be converted to EDI and sent to the target trading partner.

Figure-1

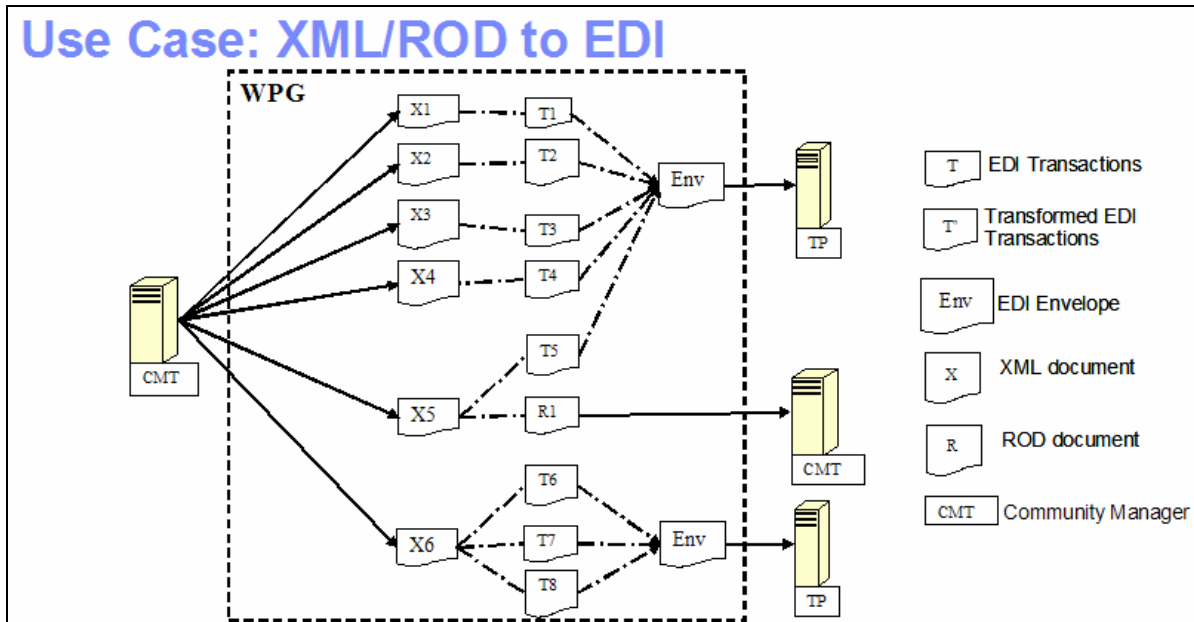
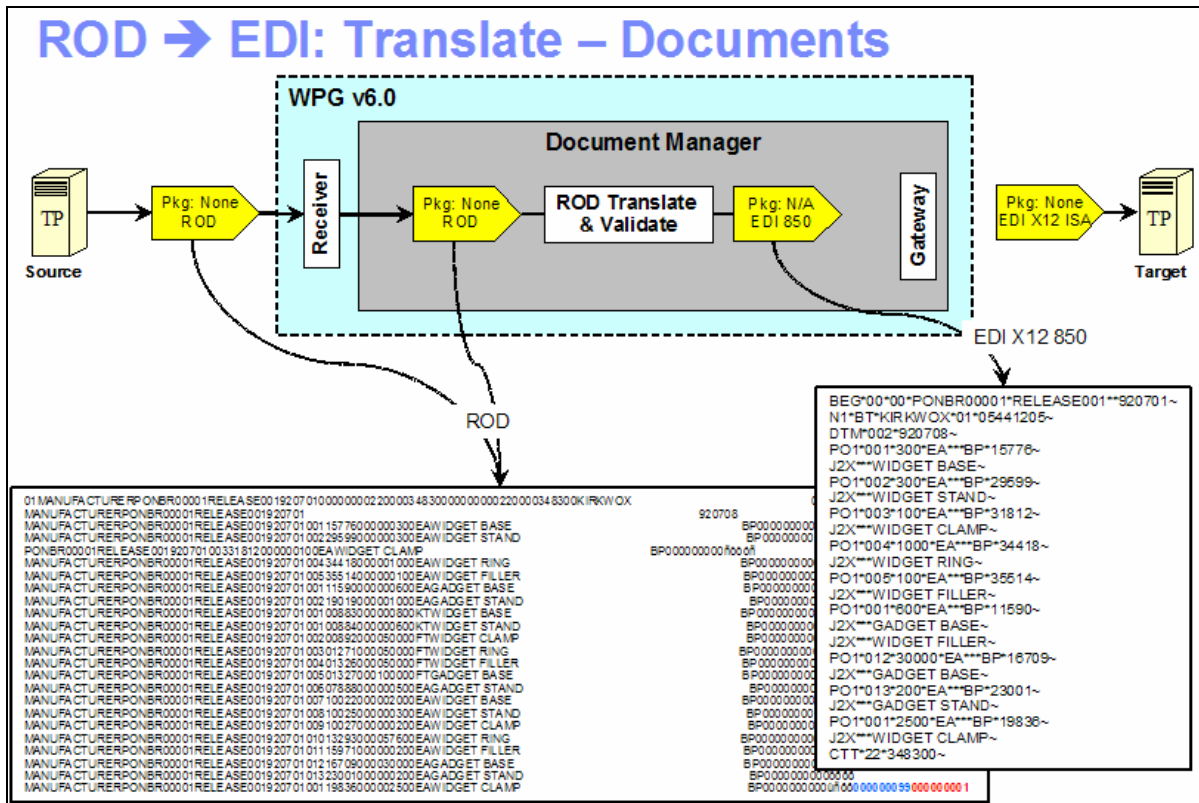
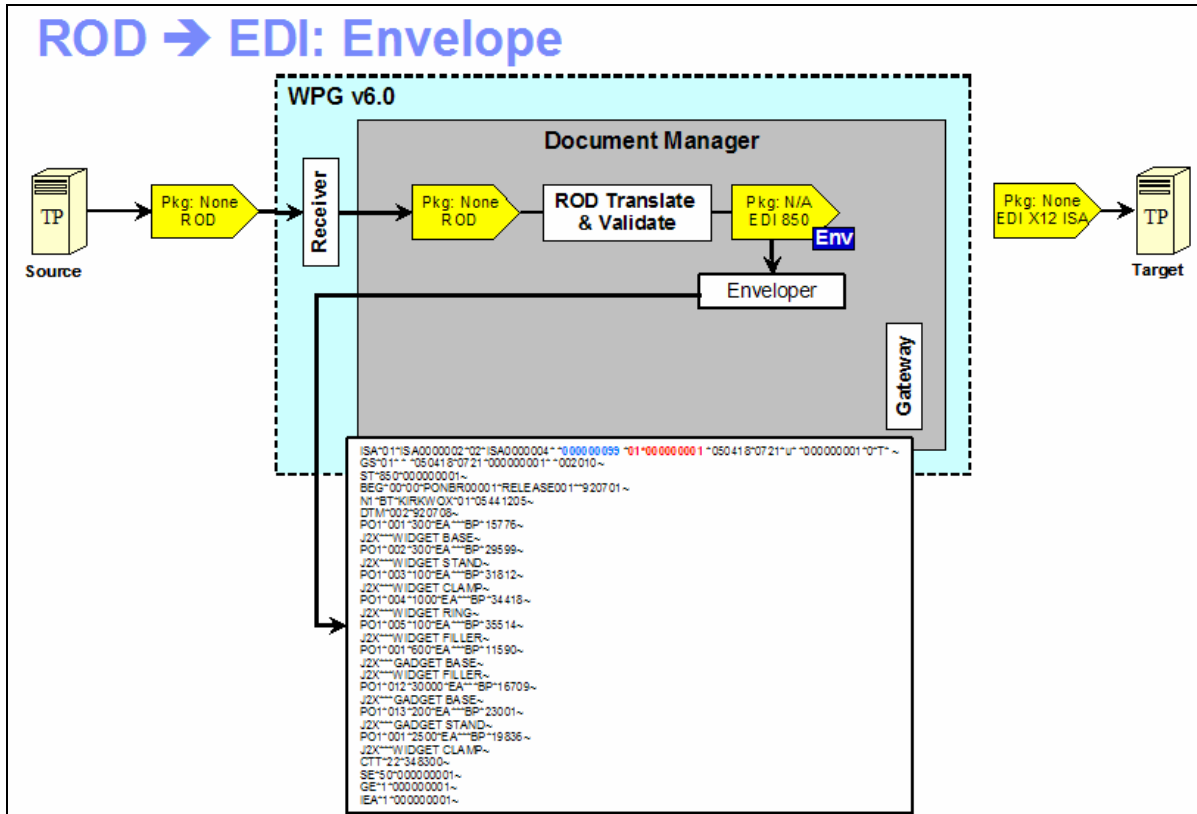


Figure-1 shows the high level representation of the actions that take place in an ROD/XML to EDI flow between 2 trading partners



Step 3:

The EDI transaction that was generated in the translation phase goes through the enveloping phase. Based on the scheduling of the enveloper and other rules, the ready EDI transactions will be enveloped into an EDI X12 ISA envelope.

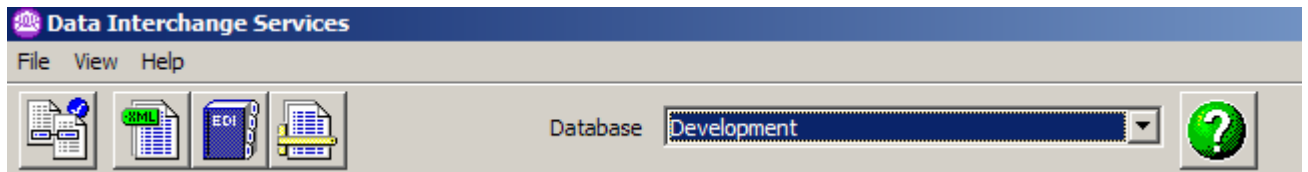


Step 4:

The enveloped EDI X12 ISA then flows back through the document manager, for any final packaging that has been configured by the connection. The EDI is then sent to the receiver Trading partner through the Gateway for target trading partner.

Part 2: Exporting the Map to WPG Database from DIS Client

- ___ 1. Launch the DIS Client Application. If you haven't already configured the ODBC data source for the bcgapps DB2 database and created a new database in the DIS Client, refer the lab "**Creating DB2 ODBC Data Source Creation and Installation and Configuration of IBM DIS Client V6.0**". If you have already finished the configuring ODBC data source and created a new database in DIS Client, follow the instructions below
- ___ 2. **Importing the Map into your development database**
 - ___ a. Select the "**Development**" database from the Database dropdown menu



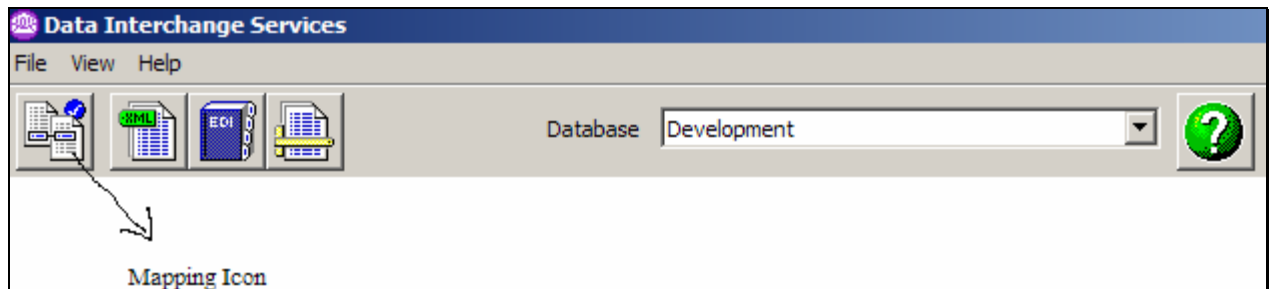
___ b. File → Open Import File

- ___ 1) Browse to the <LAB_FILES>/rod_edi and select **S_DT_ADF_TO_EDI.eif**
- ___ 2) On the import screen select the checkboxes (Selecting the top automatically selects all)

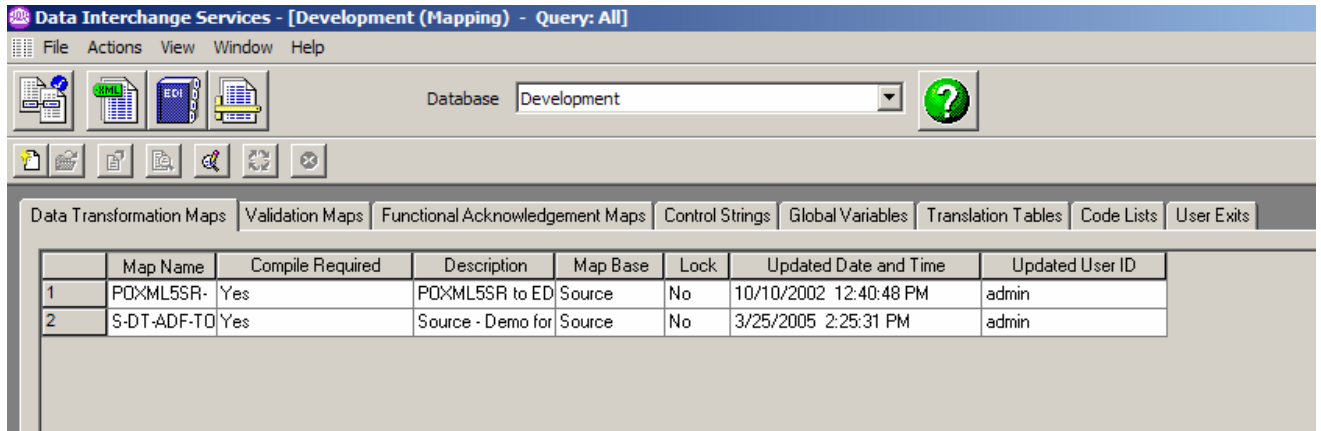
___ c. Click on the **Actions** → **Import**

- ___ 1) Select "**Development**" in the list of available Databases
- ___ 2) Click Ok. "**Execution status Window**" will open and the import will start. You should see the message "**Import Completed successfully**" message once the import is done.
- ___ 3) Click **Close**

- ___ 3. Click on the icon "**Mapping**".



- ___ a. A new window is opened



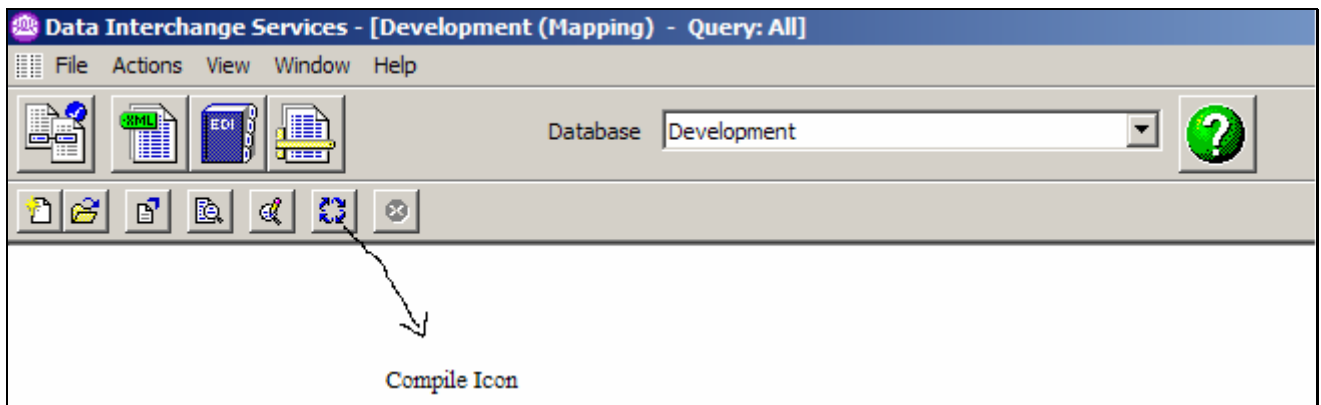
__ b. Click on the Data Transformation Maps tab.

__ c. The Map name S_DT_ADF_TO_EDI Should be listed with the Compile required option as "Yes".

__ d. Select this map and click on the Compile Icon. Alternatively go to the top menu. Click **Actions → Compile**

"Execution status Window" will open and the import will start. You should see the message "Compile Completed Successfully" message once the import is done.

Click **Close**.



___ 4. Importing the compiled map into the **WPGDatabase**

__ a. Go to the "**Control Strings**" tab

__ b. Select the row for the map name "**S_DT_ADF_TO_EDI**". If you do not see the map, refresh the panel (From the DIS Client menu bar, select View and then select Refresh)

__ c. Select Top menu. Click **Actions → Export to Other Database**

__ 1) Select the **WPGDatabase** from the list and Click **Ok**

__ 2) If you are prompted for the username and password, provide the DB2 username and password information

For this Lab, the information is as follows:

User Name: **labuser**

Passwd: **lab1user**

- ___ 3) On the "**Export with control string**" screen
 - ___ a) Click **Select All** and then **Ok**.
 - ___ b) "**Execution status Window**" will open and the compilation will start. You should see the message "**Export Completed Successfully**" message once the compiling is done.
 - ___ c) Click **Close**

You have successfully exported the Map into the WPGDatabase

Part 3: Starting MQ Components and WPG Servers

Note: Make sure that the database server is started

Starting the required MQ services:

Open a command window and issue the following commands.

- ___ 1. **Start MQ queue manager**
strmqm bcg.queue.manager
- ___ 2. **Start MQ Broker**
strmqbrk -m bcg.queue.manager
- ___ 3. **Start services on the Queue manager**
strmqcsv bcg.queue.manager
- ___ 4. **Run MQ listener (9999 is the default port used by the installer)**
runmqlsr -t tcp -p 9999 -m bcg.queue.manager

Starting WPG Servers

Open a command window and change directories to <WPG_HOME>/bin

- ___ 1. **Starting Console**
bcgstartserver bcgconsole
- ___ 2. **Starting Receiver**
bcgstartserver bcgreceiver
- ___ 3. **Starting Doc. Manager**
bcgstartserver bcgdocmgr

Part 4: Logging into the Community Console

- _____ 1. If you have already logged into the Community console previously and followed the instructions in **wpgv6_basic_configuration** lab, use the following authentication information

User Name: **hubadmin**

Password: **hub1admin**


Company Name: **Operator**

Part 5: Checking the import of maps

Community Operator has the privilege for checking the Map import



1. Checking Map import

- a. **Hub Admin → Hub Configuration → Maps → Transformation Maps.** The map **S_DT_ADF_TO_EDI** should be listed
- b. Click on the view icon  under Actions. The Document Flow Definition from Source to Target is listed as

Manage Transformation Maps

• Create Transformation Map • Manage Transformation

Document Flow Definition from Source to Target.

Source *						Target *					
0	1	2	3	4	All	0	1	2	3	4	All
Package: AS						Package: AS					
Package: None						Package: None					
Protocol: Binary (1.0)						Package: Backend Integration (1.0)					
Protocol: &FUNC_ACK_METADATA_DICTIONARY (ALL)						Package: N/A					
Protocol: DEMO850CL_DICTIONARY (ALL)						Protocol: EDI-X12 (ALL)					
Protocol: ADF-TO-EDI_DICT (ALL)						Protocol: &X44TA1 (ALL)					
✓ Document Flow: DTADF-TO-EDI_ADF (ALL)						Protocol: &DT99724 (ALL)					
Protocol: Web Service (1.0)						Protocol: X12V2R1 (ALL)					
Protocol: cXML (1.2.009)						✓ Document Flow: 850 (ALL)					
Protocol: EDI-Consent (ALL)						Protocol: EDI-Consent (ALL)					
Protocol: EDI-EDIFACT (ALL)						Protocol: EDI-EDIFACT (ALL)					
Protocol: EDI-X12 (ALL)											
Package: Backend Integration (1.0)											
Package: N/A											

Map Name: S-DT-ADF-TO-EDI

Description: Source - Demo for Sending Purchase Order (850)

Note:

The values **ADF-TO-EDI_DICT** for the protocol and **DTAF-TO-EDI_ADF** for the document flow on source side correspond to the **Dictionary Name** and **Document Definition Name** defined in the **Source Document Definition** of the map **S_DT_ADF_TO_EDI** you imported.

The values **X12V2R1** for the protocol and **850** for the document flow on target side correspond to the **Dictionary Name** and **Document Definition Name** defined in the **Target Document Definition** of the map **S_DT_ADF_TO_EDI** you imported.

You have successfully verified that the map **S_DT_ADF_TO_EDI** has been imported.

Part 6: Creating Targets

Note: You have already created the “rodfiletarget” before in the “WPG Basic Configuration” Lab. If not please complete the “WPG Basic Configuration” Lab before you proceed.

Part 7: Creating Participants

Note: You have already created the Manager and TP1 participants before in the “WPG Basic Configuration” Lab. If not please complete the “WPG Basic Configuration” Lab before you proceed.

Part 8: Creating Gateways for the Participants

Note: You have already created the file gateways for the Manager and TP1 profile before in the “WPG Basic Configuration” Lab. If not please complete the “WPG Basic Configuration” Lab before you proceed.

Part 9: Create Interactions

New Interactions can be created only by Community Operators.



For the ROD to EDI Scenario, We need to create 2 interactions. One interaction corresponding to the transformation of ROD to EDI message (850 in this lab) and envelope it and the second one corresponds to sending the enveloped EDI message to the Target Partner

___ 1. Create the Transformation Interaction





___ a. Go to **Hub Admin** → **Hub Configuration** → **Document Flow Definition**

- ___ 1) Click **Manage Interactions** located at right corner of the screen
- ___ 2) Select "**Create Interaction**"
- ___ 3) Create the following source to target interaction

Package: **None**
 Protocol: **ADF-TO-EDI_DICT (ALL)**
 Document Flow: **DTAF-TO-EDI_ADF (ALL)**

TO

Package: **N/A**
 Protocol: **X12V2R1 (ALL)**
 Document Flow: **850 (ALL)**

- ___ a) Click on the  icon next to **Package: None** under the Source . This should list all the protocols available under **Package: None**.
- ___ b) Click on the  icon next to **Protocol: ADF-TO-EDI_DICT (ALL)** under the Source. This should list all the Document Flows available under **Protocol: ADF-TO-EDI_DICT (ALL)**.
- ___ c) Click on the radio button next to **Document Flow: DTAF-TO-EDI_ADF (ALL)** under the Source.
- ___ d) Click on the  icon next to **Package: N/A** under the Target. This should list all the protocols available under **Package: N/A**.
- ___ e) Click on the  icon next to **Protocol: X12V2R1 (ALL)** under the Target. This should list all the Document Flows available under **Protocol: X12V2R1 (ALL)**.
- ___ f) Click on the radio button next to **Document Flow: 850 (ALL)** under the Target.
- ___ g) Select the "**S-DT-ADF-TO-EDI**" from the **Transformation Map** drop down menu
- ___ h) Select "**ROD Translate and EDI Validate**" from the **Action** drop down menu.

___ i) Click Save.

Select one document flow definition each from the Source and Target column, and then fill in the data fields.

Source *						Target *					
0	1	2	3	4	All	0	1	2	3	4	All
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Package: AS						Package: AS					
Package: None						Package: None					
Protocol: Binary (1.0)						Package: Backend Integration (1.0)					
Protocol: FVT-XML-TEST (ALL)						Package: N/A					
Protocol: ADF-TO-EDI_DICT (ALL)						Protocol: EDI-X12 (ALL)					
<input checked="" type="radio"/> Document Flow: DTADF-TO-EDI_ADF (ALL)						Protocol: X12V4R1 (ALL)					
Protocol: DEMO850CL_DICTIONARY (ALL)						<input checked="" type="radio"/> Document Flow: 850 (ALL)					
Protocol: &FUNC_ACK_METADATA_DICTIONARY (ALL)						Protocol: &X44TA1 (ALL)					
Protocol: Web Service (1.0)						Protocol: &WDIEVAL (ALL)					
Protocol: cXML (1.2.009)						Protocol: &DTCTL21 (ALL)					
Protocol: EDI-Consent (ALL)						Protocol: &DTCTL (ALL)					
Protocol: EDI-EDIFACT (ALL)						Protocol: &DT99933 (ALL)					
Protocol: EDI-X12 (ALL)						Protocol: &DT99737 (ALL)					
Package: Backend Integration (1.0)						Protocol: &DT99735 (ALL)					
Package: N/A						Protocol: &DT99724 (ALL)					
						Protocol: EDI-Consent (ALL)					
						Protocol: EDI-EDIFACT (ALL)					

Transform map

Action *

Save Cancel Reset

2. Create the Interaction to send the Enveloped EDI message to the Target Partner

a. Go to **Hub Admin → Hub Configuration → Document Flow Definition**



- ___ 1) Click **Manage Interactions** located at right corner of the screen
- ___ 2) Select **“Create Interaction”**
- ___ 3) Create the following source to target interaction.

Package: **N/A**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**


































To

Package: **None**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**

- ___ a) Click on the icon next to **Package: N/A** under the **Source** . This should list all the protocols available under **Package:N/A**.
- ___ b) Click on the icon next to **Protocol: EDI-X12 (ALL)** under the **Source**. This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**.
- ___ c) Click on the radio button next to **Document Flow: ISA (ALL)** under the **Source**.

- ___ d) Click on the  icon next to **Package: None** under the **Target** . This should list all the protocols available under **Package: None**.
- ___ e) Click on the  icon next to **Protocol: EDI-X12 (ALL)** under the **Target**. This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**.
- ___ f) Click on the radio button next to **Document Flow: ISA (ALL)** under the **Target**.
- ___ g) Select “**Pass Through**” from the **Action** drop down menu.
- ___ h) Click Save.

Select one document flow definition each from the Source and Target column, and then fill in the data fields.

Source *		Target *	
0	1 2 3 4 All	0	1 2 3 4 All
	Package: AS		Package: AS
	Package: None		Package: None
	Package: Backend Integration (1.0)		Protocol: Binary (1.0)
	Package: N/A		Protocol: FVT-XML-TEST (ALL)
	Protocol: EDI-X12 (ALL)		Protocol: ADF-TO-EDI_DICT (ALL)
	<input checked="" type="radio"/> Document Flow: ISA (ALL)		Protocol: DEMO850CL_DICTIONARY (ALL)
	Protocol: X12V4R1 (ALL)		Protocol: &FUNC_ACK_METADATA_DICTIONARY (ALL)
	Protocol: X12V2R1 (ALL)		Protocol: Web Service (1.0)
	Protocol: &X44TA1 (ALL)		Protocol: cXML (1.2.009)
	Protocol: &WDIEVAL (ALL)		Protocol: EDI-Consent (ALL)
	Protocol: &DTCTL21 (ALL)		Protocol: EDI-EDIFACT (ALL)
	Protocol: &DTCTL (ALL)		<input checked="" type="radio"/> Protocol: EDI-X12 (ALL)
	Protocol: &DT99933 (ALL)		<input type="radio"/> Document Flow: ISA (ALL)
	Protocol: &DT99737 (ALL)		Package: Backend Integration (1.0)
	Protocol: &DT99735 (ALL)		Package: N/A
	Protocol: &DT99724 (ALL)		
	Protocol: EDI-Consent (ALL)		
	Protocol: EDI-EDIFACT (ALL)		

Transform map

Action *

You have successfully created the interactions required for the rod-edi scenario

Part 10: Enabling B2B Capabilities

B2B capabilities can be enabled by Community Operators, Community Manager and Community Participants



Community Operator: Can enable B2B Capabilities for all the participants including the Community Manager Profile

Community Manager: Can enable B2B Capabilities for its own profile


Community Participant: Can enable B2B Capabilities for its own profile

B2B Capabilities specify what particular Package, Protocol, and Document Flows the Participant Supports. Enabled B2B capabilities for a participant define the types of documents the participant will be allowed to send and/or receive. The B2B capabilities for a partner are a subset of the Package, Protocol, and Document Flows that Hub supports.

Note: Some of the B2B Capabilities for the participants may have already been enabled from previous scenarios.

1. Enable B2B Capabilities for the Source Trading Partner

___ a. Go to **Account Admin** → **Profiles** → **Community Participant** and click on Search button. This should list all the Participants created

___ 1) Select the Source Trading Partner, **Manager** by clicking on the  icon. This will activate the **Manager** profile

___ b. Click on **B2B Capabilities** menu item.

Since we are enabling the B2B capabilities of the source trading partner, we only need to enable the Package, Protocol and Document for source side.




Enable the following **Package, Protocol, and Document Flow** by following the instructions below

Package: **None (N/A)**




Protocol: **ADF-TO-EDI_DICT (ALL)**





Document Flow: **DTADF-TO-EDI_ADF (ALL)**

Perform the following steps under the “Set Source” column of the B2B Capabilities

___ 1) Click on the  icon in the row corresponding to **Package: None**.  should be changed to 

___ 2) Click on the  icon next to **Package: None**. This should list all the protocols available under **Package: None**.












___ 3) Click on the  icon in the row corresponding to **Protocol: ADF-TO-EDI_DICT (ALL)**.  should be changed to 

































- ___ 4) Click on the  icon next to **Protocol: ADF-TO-EDI_DICT (ALL)**. This should list all the Document Flows available under **Protocol: ADF-TO-EDI_DICT (ALL)**
- ___ 5) Click on the  icon in the row corresponding to **Document Flow: DTADF-TO-EDI_ADF (ALL)**.  should be changed to 

Enable the following **Package, Protocol, and Document Flow** by following the instructions below


Package: **N/A (N/A)**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**

Perform the following steps under the “Set Source” column of the B2B Capabilities

- ___ 1) Click on the  icon in the row corresponding to **Package: N/A**.  should be changed to 
- ___ 2) Click on the  icon next to **Package: N/A**. This should list all the protocols available under **Package: N/A**.
- ___ 3) Click on the  icon in the row corresponding to **Protocol: EDI-X12 (ALL)**.  should be changed to 
- ___ 4) Click on the  icon next to **Protocol: EDI-X12 (ALL)**. This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**
- ___ 5) Click on the  icon in the row corresponding to **Document Flow: ISA (ALL)**.  should be changed to 

Profile > Manager > B2B Capabilities					Welcome, Hub Admin				
Set Source	Set Target	Enabled	Edit	Document Flow Definition					
				0	1	2	3	4	All
		Enabled		Package: AS					
				Package: None					
		Enabled		Protocol: Binary (1.0)					
		Enabled		Protocol: FVT-XML-TEST (ALL)					
		Enabled		Protocol: ADF-TO-EDI_DICT (ALL)					
		Enabled		Document Flow: DTADF-TO-EDI_ADF (ALL)					
				Protocol: DEMO850CL_DICTIONARY (ALL)					
				Protocol: &FUNC_ACK_METADATA_DICTIONARY (ALL)					
				Protocol: Web Service (1.0)					
				Protocol: cXML (1.2.009)					
				Protocol: EDI-Consent (ALL)					
				Protocol: EDI-EDIFACT (ALL)					
				Protocol: EDI-X12 (ALL)					
				Package: Backend Integration (1.0)					
		Enabled		Package: N/A					
		Enabled		Protocol: EDI-X12 (ALL)					
		Enabled		Document Flow: ISA (ALL)					
				Protocol: X12V4R1 (ALL)					

2. Enable B2B Capabilities for the Target Trading Partner












- ___ a. Go to **Account Admin → Profiles → Community Participant** and click on Search button.
- ___ b. This should list all the Participants created
- ___ c. Select the Target Trading Partner you created for this scenario by clicking on the  icon. In this document the Target Trading Partner is “**TP1**”
- ___ d. Click on B2B Capabilities menu item

Since we are enabling the B2B capabilities of the target trading partner, we only need to enable the Package, Protocol and Document Flow for target side.

Enable the following **Package, Protocol, and Document Flow** by following the instructions below








Package: **N/A (N/A)**
 Protocol: **X12V2R1 (ALL)**
 Document Flow: **850 (ALL)**


Perform the following steps under the “Set Target” column of the B2B Capabilities




- 1) Click on the  icon in the row corresponding to **Package: N/A**.  should be changed to 
- 2) Click on the  icon next to **Package: N/A** . This should list all the protocols available under **Package: N/A**.
- 3) Click on the  icon in the row corresponding to **Protocol: X12V2R1 (ALL)**.  should be changed to 
- 4) Click on the  icon next to **Protocol: X12V2R1 (ALL)**. This should list all the Document Flows available under **Protocol: X12V2R1 (ALL)**
- 5) Click on the  icon in the row corresponding to Document Flow: **850 (ALL)**.  should be changed to 














































Enable the following **Package, Protocol, and Document Flow** by following the instructions below

Package: **None (N/A)**
 Protocol: **EDI-X12 (ALL)**
 Document Flow: **ISA (ALL)**

- 1) Click on the  icon in the row corresponding to **Package: None**.  should be changed to 
- 2) Click on the  icon next to **Package: None** . This should list all the protocols available under **Package: None**.
- 3) Click on the  icon in the row corresponding to **Protocol: EDI-X12 (ALL)**.  should be changed to 

4) Click on the  icon next to **Protocol: EDI-X12 (ALL)** This should list all the Document Flows available under **Protocol: EDI-X12 (ALL)**

5) Click on the  icon in the row corresponding to **Document Flow: ISA (ALL)**.  should be changed to 

Profile : TP1 > B2B Capabilities				Welcome, Hub Admin					
Set Source	Set Target	Enabled	Edit	Document Flow Definition					
				0	1	2	3	4	All
				Package: AS					
		Enabled		Package: None					
				Protocol: Binary (1.0)					
				Protocol: FVT-XML-TEST (ALL)					
				Protocol: ADF-TO-EDI_DICT (ALL)					
				Protocol: DEMO850CL_DICTIONARY (ALL)					
				Protocol: &FUNC_ACK_METADATA_DICTIONARY (ALL)					
				Protocol: Web Service (1.0)					
				Protocol: cXML (1.2.009)					
				Protocol: EDI-Consent (ALL)					
				Protocol: EDI-EDIFACT (ALL)					
		Enabled		Protocol: EDI-X12 (ALL)					
		Enabled		Document Flow: ISA (ALL)					
				Package: Backend Integration (1.0)					
		Enabled		Package: N/A					
				Protocol: EDI-X12 (ALL)					
		Enabled		Protocol: X12V4R1 (ALL)					
		Enabled		Protocol: X12V2R1 (ALL)					
		Enabled		Document Flow: 850 (ALL)					

You have successfully enabled the B2B capabilities for the Manager and TP1 trading participants

Part 11: Creating Envelope Profile

Note: You have already created the “EnvProfile 1” before in the “WPG Basic Configuration” Lab. If not please complete the “WPG Basic Configuration” Lab before you proceed.

Part 12: Creating Participant Connections

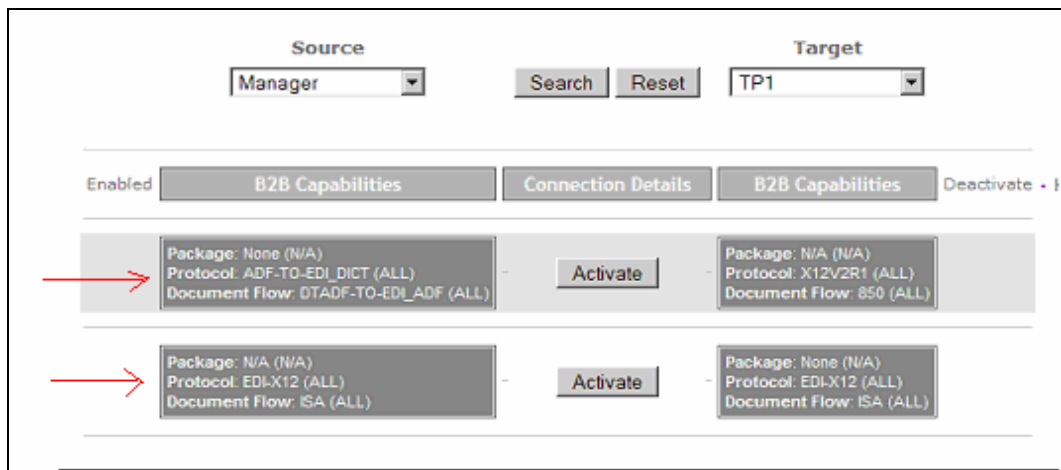
Participant Connections can be enabled by Community Operators and Community Manager



1. Creating Participant connections

a. Go to **Account Admin** → **Participant Connections**

- ___ 1) Select **Manager** from the Source drop down menu.
- ___ 2) Select **TP1** from the Target drop down menu.
- ___ 3) Click on **Search**.
- ___ 4) Based on prior connections, there may be other connections that are not needed for this scenario.
- ___ 5) De Activate the Connections those are green by clicking on the **X** icon. The connections should turn to grey when deactivated.
- ___ 6) You should atleast have the two connections that are highlighted by red arrow in the following picture



The participant connection **None(N/A) : ADF-TO-EDI_DICT(ALL) : DTAF-TO-EDI_ADF(ALL)** to **N/A(N/A) : X12V2R1(ALL) : 850(ALL)** is used for transforming the incoming ROD document to EDI message and envelope it

The participant connection **N/A(N/A) : EDI-X12(ALL) : ISA(ALL)** to **None(N/A) : EDI-X12(ALL) : ISA(ALL)** is used to send the enveloped 850 message to the Target Partner.




- ___ 7) Click on **Activate** button corresponding to each connection to activate the connection. It should turn to green indicating it is activated

Source		Search		Reset		Target	
Manager						TP1	
B2B Capabilities		Connection Details		B2B Capabilities		Deactivate	
✓	Package: None (N/A) Protocol: ADF-TO-EDI_DICT (ALL) Document Flow: DTADF-TO-EDI_ADF (ALL)	Attributes	Actions	Gateways	Attributes	Package: N/A (N/A) Protocol: X12V2R1 (ALL) Document Flow: 850 (ALL)	✗
✓	Package: N/A (N/A) Protocol: EDI-X12 (ALL) Document Flow: ISA (ALL)	Attributes	Actions	Gateways	Attributes	Package: None (N/A) Protocol: EDI-X12 (ALL) Document Flow: ISA (ALL)	✗
		Add Connection Profile					

You have successfully completed creating and activating participant connections

Part 13: Configuring the Attributes

In order for the 850 message which was generated to be enveloped, we need to configure some attributes in B2B Capabilities of the Participants

- ___ 1. Go to **Account Admin → Profiles → Community Participant** and click on Search button. This should list all the Participants created
 - ___ a. Select the Target Trading Partner you created for this scenario by clicking on the  icon. In this document the Target Trading Partner is **TP1**
- ___ 2. Click on **B2B Capabilities** menu item
 - ___ a. Click on the icon  next to **Package: N/A.**
 - ___ b. Click on icon  next to Protocol: **X12V2R1 (ALL)**. This should open a page where you can change the attributes
 - ___ c. Locate the **Envelope Profile** attribute and select **EnvProfile 1** from the drop down menu
 - ___ d. Locate **Interchange Qualifier** attribute and provide **01** as the value
 - ___ e. Locate **Interchanger identifier** attribute and provide **987654321** as the value
 - ___ f. Locate **Interchange usage indicator** attribute and provide **T** as the value.
 - ___ g. Click **Save**

Envelope Profile	Envelope Profile	EnvProfile 1	Locally Assigned	EnvProfile 1	<input type="checkbox"/>
Max validation error level	Max validation error level	No value provided	No value provided	Select one to update	
Validation level	Validation level	No value provided	No value provided	Select one to update	
Char set validation table	Char set validation table	No value provided	No value provided		
Alphanumeric validation table	Alphanumeric validation table	No value provided	No value provided		
Generate group level info only in functional Ack	Generate group level info only in functional Ack	No value provided	No value provided	Select one to update	
Century control year	Century control year	No value provided	No value provided		
Detailed validation of segment	Detailed validation of segment	No value provided	No value provided	Select one to update	
Connection Profile Qualifier1	Connection Profile Qualifier1	No value provided	No value provided		
Interchange qualifier	Interchange qualifier	01	Locally Assigned	01	<input type="checkbox"/>
Interchange Identifier	Interchange Identifier	000000001	Locally Assigned	987654321	<input type="checkbox"/>
Interchange usage indicator	Interchange usage indicator	T	Locally Assigned	T	<input type="checkbox"/>

You have successfully configured the attributes required for this scenario.

Part 14: Running the Scenario

- ___ 1. Go to <LAB_FILES> directory
- ___ 2. Open the adf2edi.inp file.
- ___ 3. The Source and Target participant id's can be located at the end of the input file.
- ___ 4. Look for the following string

BP000000000000ùñðð123456789**987654321**

The first id is the source ID (underlined) and the second the target ID

- ___ 5. Place the adf2edi.inp in the **C:\WPGLabs\rodfiletarget\Documents\Production** directory
- ___ 6. The ROD should be translated to EDI transaction.
- ___ 7. The transaction is enveloped

The status of the document in the system can be viewed by using the Document Viewer

Go to **Viewers → Document Viewer**

Provide the approximate start time when you actually started this transaction and click on Search.

The screenshot shows the Document Viewer interface with the following details:

- Page 1 of 1, Total Rows: 2
- Navigation buttons: Beginning, Back 10 Pages, Back 1 Page, 1, Forward 1 Page, Forward 10 Pages, End
- Resend button
- Table with columns: Participants, Time Stamps, Document Flow, Gateway Type, Synchronous, Status

Participants	Time Stamps	Document Flow	Gateway Type	Synchronous	Status
Document ID: 000000004					
Doc Time Stamp: 050316-0710					
<input type="checkbox"/> Source: Manager	In: 3/16/05 7:10:32 PM (1.419 kb)	EDI-X12 (ALL) ISA: ISA (ALL)			
<input type="checkbox"/> Target: TP1	Out: 3/16/05 7:10:34 PM (1.419 kb)	EDI-X12 (ALL) ISA: ISA (ALL)	Production		
Document ID: -					
Doc Time Stamp: -					
<input type="checkbox"/> Source: Manager	In: 3/16/05 7:10:20 PM (3.739 kb)	ADF-TO-EDI_DICT (ALL) DTADF-TO-EDI_ADF: DTADF-TO-EDI_ADF (ALL)			
<input type="checkbox"/> Target: TP1	Out: 3/16/05 7:10:27 PM (3.739 kb)	X12V2R1 (ALL) 850: 850 (ALL)	Production		

- ___ 8. The enveloped transaction is sent to the destination which is the TP1's gateway
- The destination file gateway location is **C:\WPGLabs\TP1\filegateway**

What you did in this exercise

In this exercise, you have created and target associated and ROD splitter handler, created two trading partners, created gateways, enabled B2B capabilities and created participant connections necessary for source trading partner to be able to send an ROD document, which is translated to EDI transaction making use of the map. The EDI transaction is then enveloped and sent to destination trading partner gateway.

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