

Configuring the JDE Input Node to poll the events from JDE EIS

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Published on June 1, 2020

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The IBM App Connect Enterprise JDE Input Node can be used to connect to a JDE Server to poll the real time events of Address Book and Sales orders that are logged in an Event table in JD Edwards EnterpriseOne, a cloud-based Enterprise Resource Planning (ERP) and supply chain management solution.

This article has two sections.

- Section 1 describes how to configure the JDE server to subscribe and make to events populated into the event table.
- Section 2 explains how to use JDE input node in a message flow to poll the real time events populated in the JDE Server event table.

Configuration of JDE Server to poll the real time events

Setting up RTE Server (Transaction Server) with a JAVACONN Subscriber:

1. The Transaction Server should be installed.
2. Transaction Server Configuration in Server Manager:

1. **Network Settings Configuration:**

The Outgoing JDENET Port is the E1 Port to which the RTE will be communicating with the E1 server (E1 Port).

The Incoming JDENET Port is the port the Transaction Server will be listening from for incoming messages (outgoing RTE from E1). Verify that the ‘incoming’ port is not already in use by another application running on the same server (Business Services Server for example).

Select Instance... ▾

Network

What do you want to do?

INSTALL

- ▶ Management Agents
- ▶ Manage Software
- ▶ Database Drivers

CONFIGURE

- ▶ Server Manager Users
- ▶ Server Groups

TRACK

- ▶ User Activity
- ▶ Server Activity
- ▶ Table Cache

Shown below are all the configuration items within the selected configuration category.

Any changes made to the configuration items in this section require restarting the server to take effect.

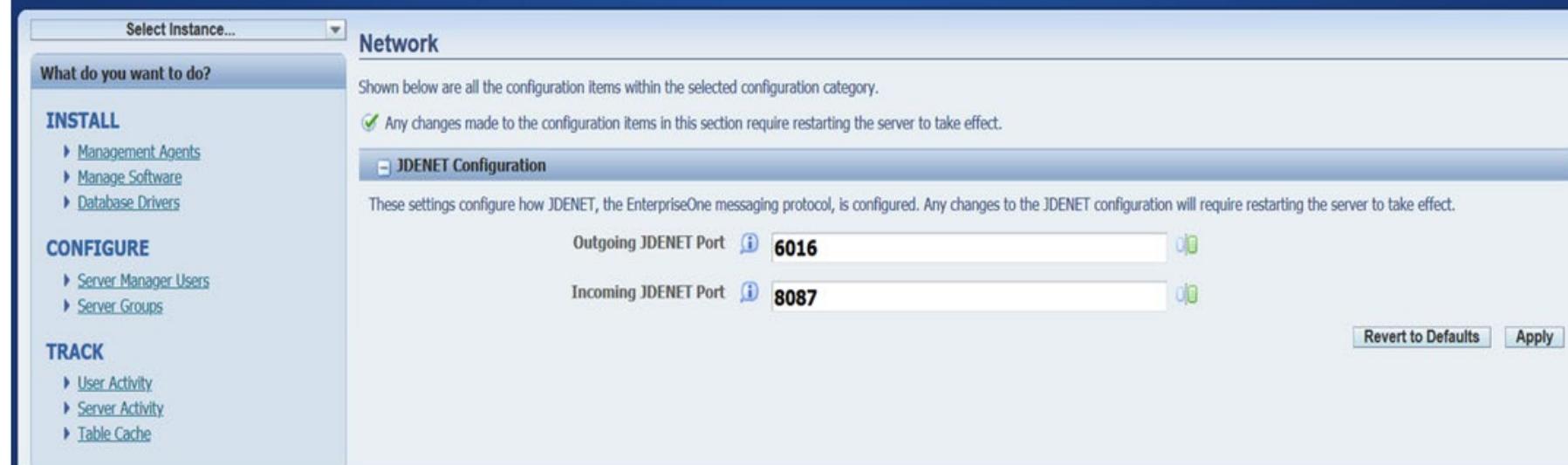
JDENET Configuration

These settings configure how JDENET, the EnterpriseOne messaging protocol, is configured. Any changes to the JDENET configuration will require restarting the server to take effect.

Outgoing JDENET Port: [i](#) [d](#)

Incoming JDENET Port: [i](#) [d](#)

[Revert to Defaults](#) [Apply](#)



2. Real Time Events Configuration

The initialContextFactory and jndiProviderURL should be populated with the following values (these will differ depending on whether the RTE is configured on an OAS, WebSphere or WebLogic).

```
initialContextFactory= weblogic.jndi.WLInitialContextFactory  
jndiProviderURL= t3://cnwbpz1143:8085
```

Where ‘cnwbpz1143’ is the name of the Transaction Server machine (if setting up the RTE on WebLogic, you will need to first create a Managed Server that will contain the RTE application. The ‘jndiProviderURL’ port will match the RTE Managed Server port)

What do you want to do?

- INSTALL**
 - Management Agents
 - Manage Software
 - Database Drivers
- CONFIGURE**
 - Server Manager Users
 - Server Groups
- TRACK**
 - User Activity
 - Server Activity
 - Table Cache

Comparison Results

In addition to comparing the configuration of the selected instance(s), each selected instance will also be compared with the default configuration of the server group to which it belongs.

Apply Server Group Default

Select All Select None		page size: 10 Previous Next (page 1 of 2)	
Configuration Group	Configuration Item	Default Values for Server Group "default"	RTE8085
Real Time Events	Event Transfer Transaction Isolation		serializable
Real Time Events	Initial Context Factory		weblogic.jndi.WLInitialContextFactory
Real Time Events	JNDI Provider URL		t3://cnwbzp1143:8085
Database	Database Name		CJD3
Database	System Datasource Name		System - 910
Database	Object Owner		SY910
Database	Database Server Name		cnwbzp1158
Database	Database TCP/IP Port	0	1521
Database	Bootstrap Environment		JDV910
Database	Bootstrap Role		*ALL

3. Transaction Server Configuration in E1

1. Clear the E1 tables and make corrections to existing RTE definitions.

E1 might come with data in the following table:

F90702, F907021, F90703, F90704, F90705, F90706, F90707, F907071, F907072, F90710, F90711, F90712, F90715.

Clear the content of the above tables before proceeding.

2. Run DBTemplates.exe

DBTemplates is an executable that is provided as part of the E1 Client installation. This performs some database operations that are key to a fully functioning Transaction Server. This needs to be executed from a E1 Development Client (where all development objects are installed).

Prior to running 'DBTemplates.exe', make sure you assign the appropriate privileges to your E1 System tables as outlined below:

Oracle

Grant the following privileges to the JDE_ROLE or the database proxy user.

```
GRANT CREATE ANY SEQUENCE TO JDE_ROLE;
GRANT DROP ANY SEQUENCE TO JDE_ROLE;
GRANT CREATE ANY TRIGGER TO JDE_ROLE;
GRANT DROP ANY TRIGGER TO JDE_ROLE;
```

From an E1 Client, run the following command from a DOS command prompt (log off E1 first).

```
C:\>dbtemplates -create
```

You should be prompted to log on to E1. Log on to the appropriate Environment. Once DBTemplates has run, you should see the following message in the DOS Command window:

'Exiting the program with SUCCESS'

Look at the jde.log if any error is returned. Note that if you run DBTemplates multiple times, you will see errors in the jde.log. DBTemplates adds records to E1 tables and therefore, if you run DBTemplates multiple times, the jde.log will show errors as follows:

Error – ORA-00001: unique constraint (TESTDTA.F986112_PK) violated

These errors are no indication that DBTemplates failed: these are only indications that DBTemplates has already been executed once.

After the scripts complete successfully, you should revoke any special privileges you granted in order to create the triggers. This table lists the revocation commands by database.

Oracle

Revoke the following privileges to the JDE_ROLE or the database proxy user.

```
REVOKE CREATE ANY SEQUENCE FROM JDE_ROLE;  
REVOKE DROP ANY SEQUENCE FROM JDE_ROLE;  
REVOKE CREATE ANY TRIGGER FROM JDE_ROLE;  
REVOKE DROP ANY TRIGGER FROM JDE_ROLE;
```

3. Run R90705. This updates the Event Activation Table (F90705) and R90706 (Convert Event Subscription)

The above UBEs can be run with the default Processing Options values and can be run either locally or on the server.

R90706 creates queue records in F90715. These are the queues where the RTE messages will be sent to. These Queues are only used in conjunction with a subscriber of type JACACONN (as described later)/MSMQ.

Some Real Time Event definitions as provided when installing EnterpriseOne are incorrect. You will need to make the required corrections if the Events in question are going to be used. If these Events are not going to be used, these incorrect Event definitions will not have any adverse effects other than showing errors in the logs. Here is a list of incorrect Event definitions and a detail of the changes to make. You must run P90701A to make the corrections.

Delete the following Event Definitions:

RTSOAPS, RTWOAPS, RTIBAPS, RTIBDTL, RTIBOUTA, RTIBOUT

Change the following Event Definitions (run P90701A):

RTBUOUTB: change the Data Structure field from D4101470B to BE D4101700B

RTINVOUTA: change the Data Structure field from D4202180B to D4202330B

RTINVOUTB: change the Data Structure field from D4202180C to D4202330C

RTWOHDR: change the Data Structure field from D3102290B to D3102360A

RTSODTL: change the Data Structure field from D4202150C to D4202310B

RTSOHDR: change the Data Structure field from D4202150B to D4202310A

RTPOOUT: in 'Event Details', delete RTPOAPS

RTSOOUT: in 'Event Details', delete RTPOAPS

RTWOOUT: in 'Event Details', delete RTPOAPS

RTPODTL: this Event Definition is missing in Application Release 9.1. Add the missing Event.

RTPOHDR: this Event Definition is missing in Application Release 9.1. Add the missing Event.

4. Configure and Activate RTABOUT(Addressbook)

From an E1 Client, run P90701A. You should have a 'Container' RTE definition 'RTABOUT' as follows. RTABOUT 'CONTAINER' Event

▼ 実行アプリケーション

ホーム

Event Definition Workbench

▼ 最近のレポート

ジョブ状況の表示

 Convert Event Subscriptions
(12/14/2017 19:08:28) Populate Event Activation
Status Table (12/14/2017 15:3...)

▼ お気に入り

お気に入りの管理

Event Definition Workbench



Z File Events



フォーム(E)



ロー(R)



ツール(I)

Event Type

*

Event Category

RTE

Description

*

Product Code

*

レコード 1 - 1

	RTABOUT					
	Event Type	Event Description	Event Category	Product Code	Event Aggregate	
	RTABOUT	RTABOUT	RTE	H01	CONTAINER	

RTABOUT ‘Event Details’. RTABOUT is a ‘CONTAINER’ Event which is made up of the following ‘SINGLE’ Events:

実行アプリケーション

ホーム

Event Definition Detail

Event Definition Detail

RTABOUT

CONTAINER

Event Data

Data Structure Data

レコード 1 - 4

	Single Event	Event Description	Data Structure	Data Structure Description
<input checked="" type="radio"/>	RTABEAOUT	RTABEAOUT	D0100085C	Address Book Master Email Wrap
<input type="radio"/>	RTABHDR	RTABHDR	D0100085A	Address Book Master Real Time
<input type="radio"/>	RTABPHOUT	RTABPHOUT	D0100085B	Address Book Master Phones Wra
<input type="radio"/>				

Once RTABOUT configuration has been completed and\or verified, from P90701A, take the ‘Event Activation’ Form Exit. Add a record for RTABOUT for the appropriate environment(s). Ensure the RTABOUT records are at status ‘AV’(Active)

▼ 実行アプリケーション

- ホーム
- Event Activation by Environment

▼ 最近のレポート

- ジョブ状況の表示
- Convert Event Subscriptions (12/14/2017 19:08:28)
- Populate Event Activation Status Table (12/14/2017 15:3...)

▼ お気に入り

- お気に入りの管理

Event Activation by Environment

Search: フォーム(E) ロー(R) ツール(T)

Environment: * Event Type: *

レコード 1 - 7

Environment	Event Type	Event Category	Event Status
DEP910	RTABOUT	RTE	NA
DV910	RTABOUT	RTE	AV
JDV910	RTABOUT	RTE	AV
JPS910	RTABOUT	RTE	NA
JPY910	RTABOUT	RTE	NA
PS910	RTABOUT	RTE	NA
PY910	RTABOUT	RTE	NA

5. Special Consideration for AS400.

Journaling needs to be enabled on the system table F90710 to allow the Transaction Server to insert, update and delete record from F90710.

4. JAVACONN Subscriber Configuration in EnterpriseOne

1. Create a JAVACONN Subscriber.

Run P90702A and add a subscriber as follows. The Subscriber field must have a value matching a valid E1 User

実行アプリケーション

- ホーム
 - Event Activation by Environment
 - Event Subscribers
- ▼ 最近のレポート
- ジョブ状況の表示
 - Convert Event Subscriptions (12/14/2017 19:08:28)
 - Populate Event Activation Status Table (12/14/2017 15:3...)
- ▼ お気に入り
- お気に入りの管理

Event Subscribers

フォーム(F) ロー(R) ツール(T)

 All Subscribers Active Subscribers Inactive Subscribers

レコード 1 - 1

Subscriber	Description	Activation Status	Transport Type
JDE	JDE	AV	JAVACONN

2. Create a Subscription.

Run P90702A. Find the Subscriber you created in the above step. Take the 'Event Subscriptions' Option.

▼ 実行アプリケーション

ホーム

Event Activation by Environment

Event Subscriptions

▼ 最近のレポート

ジョブ状況の表示

 Convert Event Subscriptions
(12/14/2017 19:08:28) Populate Event Activation
Status Table (12/14/2017 15:3...)

▼ お気に入り

お気に入りの管理

Event Subscriptions

フォーム(F) ロー(R) ツール(T)

Subscriber

JDE

Subscription Name

*

 All Subscriptions Active Subscriptions Inactive Subscriptions

レコード 1 - 1

	Subscription Name	Subscription Description	Activation Status
<input checked="" type="radio"/>	JDESubscriberDV	JDE Subscriber DV	AV

3. Add an Event (RTABOUT) to the Subscription.

Find the subscription created above. Select the 'Subscribed Events' Row Exit.

実行アプリケーション

- ホーム
- Event Entry
- Event Activation by Environment 2
- Event Activation by Environment 3
- Subscribed Events

最近のレポート

- ジョブ状況の表示
- Convert Event Subscriptions (12/14/2017 19:08:28)
- Populate Event Activation Status Table (12/14/2017 15:3...)

お気に入り

お気に入りの管理

Subscribed Events

Subscriber: JDE
Subscription Name: JDESubscriberDV

レコード 1 - 2	Event Type	Event Category
<input checked="" type="radio"/>	RTEABOUT	RTE
<input type="radio"/>		

4. Add Environment to Subscription.

Find the subscription created above. Select the ‘Subscribed Env’ Row Exit.

実行アプリケーション

- ホーム
- Event Activation by Environment
- Subscribed Environments

最近のレポート

- ジョブ状況の表示
- Convert Event Subscriptions (12/14/2017 19:08:28)
- Populate Event Activation Status Table (12/14/2017 15:3...)

お気に入り

お気に入りの管理

Subscribed Environments

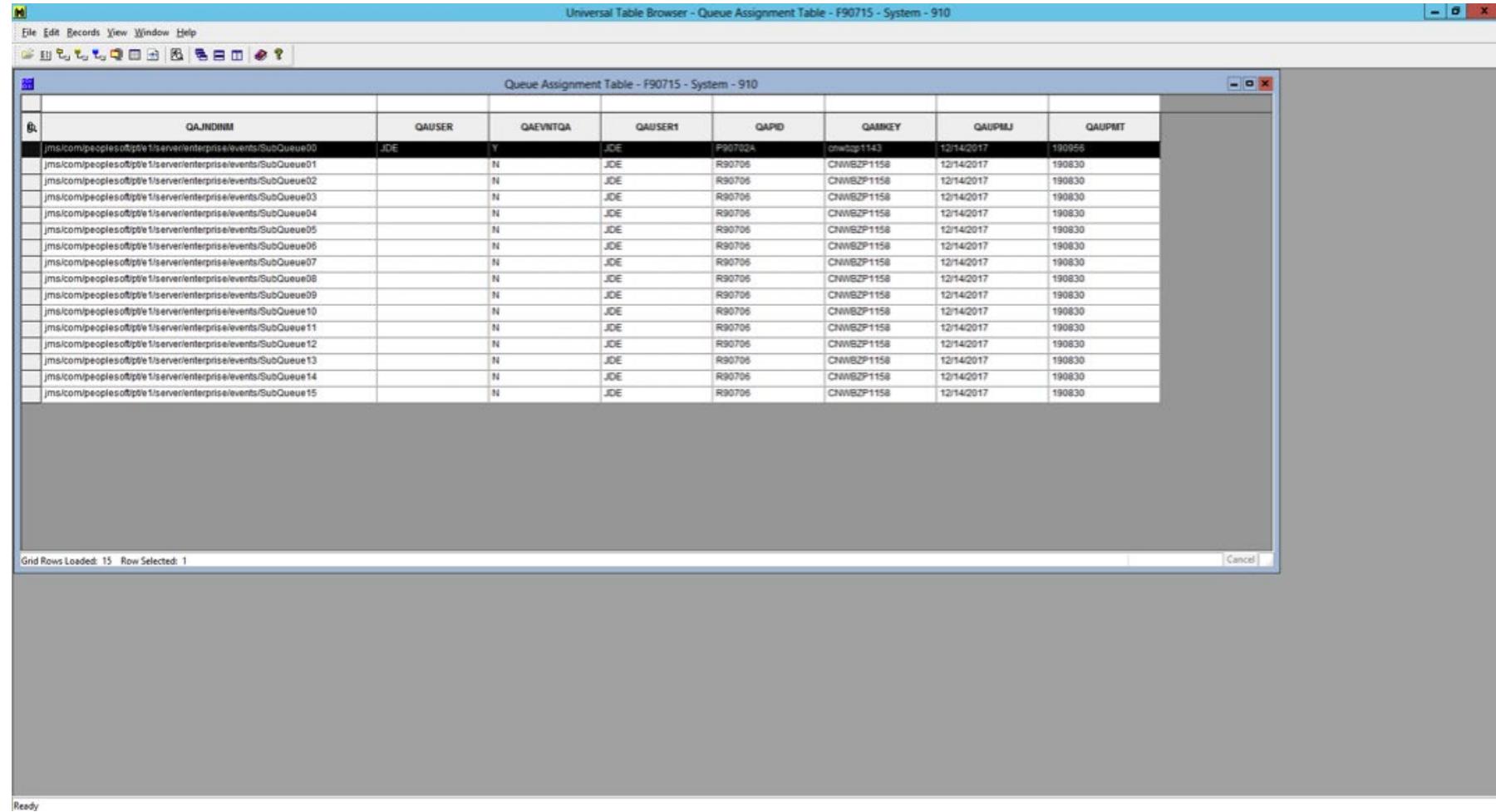
Subscriber: JDE
Subscription Name: JDESubscriberDV

レコード 1 - 3	Environment
<input type="radio"/>	DV910
<input checked="" type="radio"/>	JDV910
<input type="radio"/>	

You are now ready to test your configuration. Restart your E1 Enterprise Server and start your Transaction Server from the Server Manager console.

5. Testing\Validating the JAVACONN configuration.

Open F90715. This shows that the JAVACONN Subscriber that was created is assigned to the ‘SubQueue00’ queue.



QAJNDINM	QAUSER	QAENVTQA	QAUSER1	QAPID	QAMKEY	QAUPMJ	QAUPMT
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue00	JDE	Y	JDE	R90704A	CNWBP1143	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue01	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue02	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue03	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue04	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue05	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue06	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue07	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue08	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue09	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue10	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue11	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue12	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue13	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue14	N	JDE		R90705	CNWBP1158	12/14/2017	190830
jms/com/peoplesoft/v1/server/enterprise/events/SubQueue15	N	JDE		R90705	CNWBP1158	12/14/2017	190830

A Real Time Event will be created when Adding \ Changing or Deleting an Address Book record.

Before generating a RTABOUT, stop your Transaction Server via Server Manager Console. Once the Transaction Server is stopped, create or edit an Address Book Record.

	Running
cnwbp1143.cn.dst.ibm.com C:\jde_home_1\SCFHA	RTE8085 EnterpriseOne Transaction Server Running
	HTML8081 EnterpriseOne HTML Server Failed
	Weblogic12cDev Oracle WebLogic Server Running
	HTML8083 EnterpriseOne HTML Server Running

EnterpriseOne Transaction Server: RTE8085

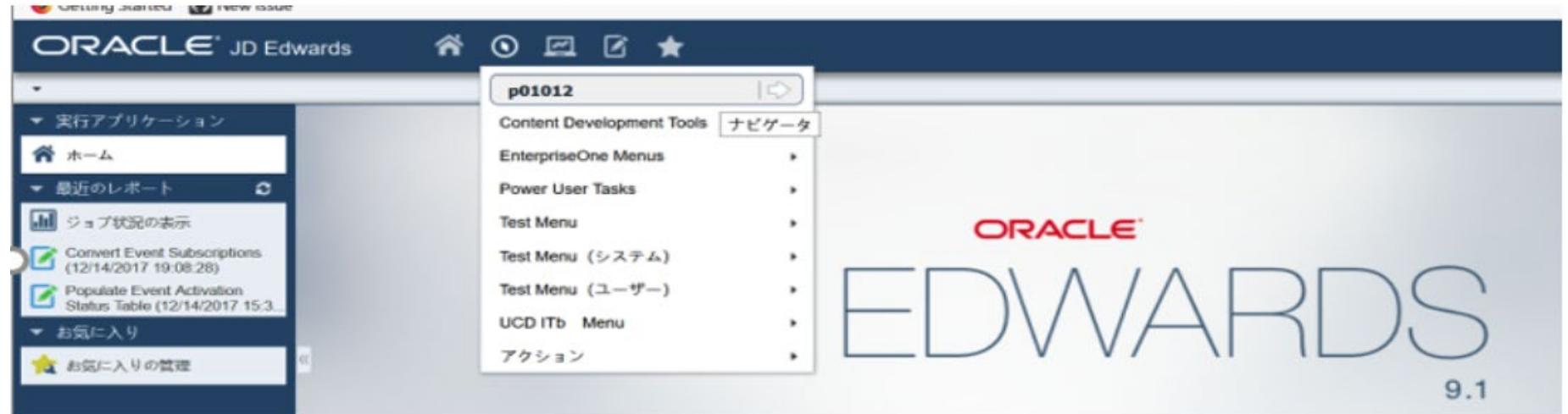
General

Status Running Stop

Software Component Version

EnterpriseOne RTE Server 9.2.0.5 07-06-2016_05_20 Change...

Edit Address Book record:



This screenshot shows the 'Work With Addresses' screen within the Oracle JD Edwards application. The left sidebar includes options like 'Event Activation by Environment', 'Event Subscriptions', and 'Work With Addresses 3'. The main area has a toolbar with icons for search, add, edit, and report. It features input fields for 'Alpha Name' and 'Search Type', and checkboxes for 'Display Phone' and 'Display Address'. A message at the top says 'レコードが取込まれていません。' (No records imported). Below is a grid table with columns: Address Number, Alpha Name, Long Address, Industry Class, Sch Typ, and Tax ID. The first row contains the value '20168676' in the Address Number column.

Address Number	Alpha Name	Long Address	Industry Class	Sch Typ	Tax ID
20168676					

実行アプリケーション

- ホーム
 - Event Activation by Environment
 - Event Subscriptions
 - Work With Addresses 3
 - Work With Addresses 4
- ▼ 最近のレポート
- ジョブ状況の表示
 - Convert Event Subscriptions
(12/14/2017 19:08:28)

Work With Addresses

✓ ロー(R) レポート(P) ツール(T)

Alpha Name

 Display Phone

Search Type

 Display Address

レコード 1 - 1

20168676

<input type="checkbox"/>		Address Number	Alpha Name	Long Address	Industry Class	Sch Typ	Tax ID
<input checked="" type="checkbox"/>		20168676	UMAK1			A	

実行アプリケーション

- ホーム
 - Event Activation by Environment
 - Event Subscriptions
 - Work With Addresses
 - Address Book Revision
- ▼ 最近のレポート
- ジョブ状況の表示
 - Convert Event Subscriptions
(12/14/2017 19:08:28)
 - Populate Event Activation Status Table (12/14/2017 15:3...

Address Book Revision

✓ ✗ ↶ フォーム(E) < > ツール(T)

Address Number

20168676

Address Book

Mailing

Additional 1

Additional 2

Related Address

Cat Code 1 - 10

Cat Code 11 - 30

Mailing Name

UMAK1

Secondary Mailing Name

Address Line 1

modified_4

City

Address Line 2

State

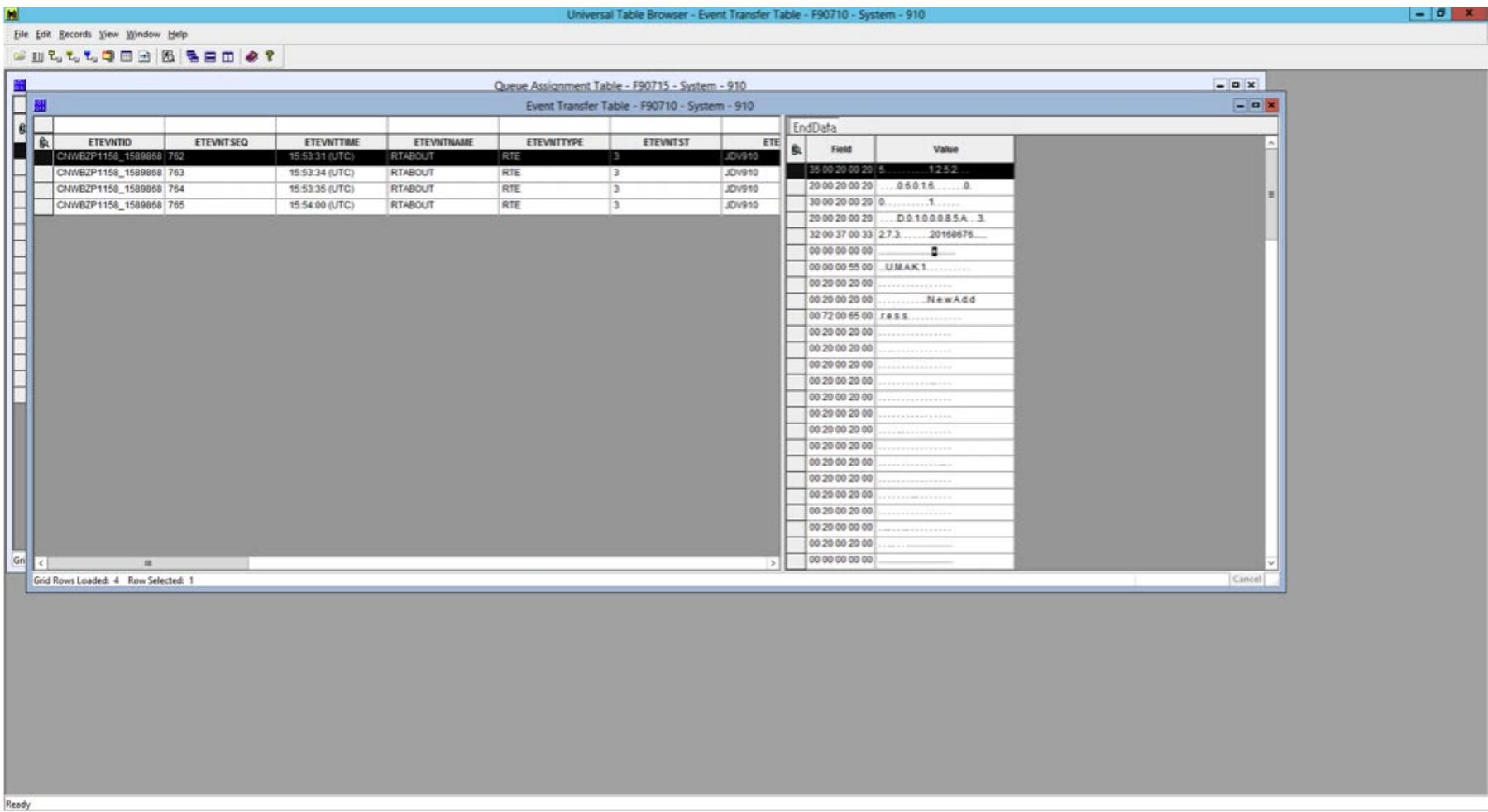
Address Line 3

Postal Code

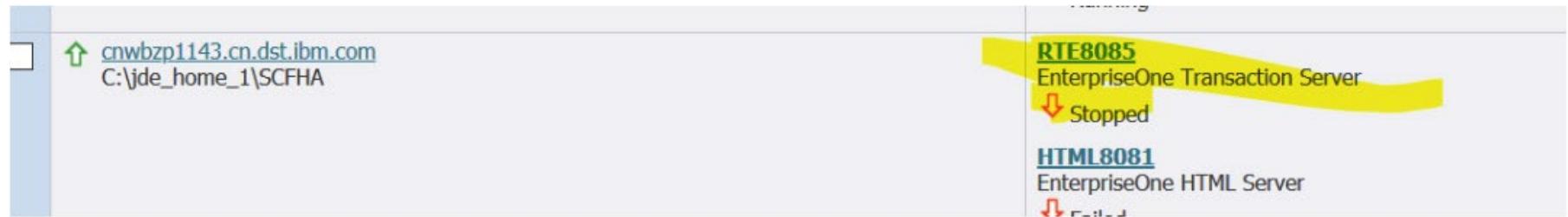
Modify addressline1 in above screen.

The screenshot shows the Oracle JD Edwards Address Book Revision interface. The left sidebar has sections for '実行アプリケーション' (Home, Event Activation by Environment, Event Subscriptions, Work With Addresses, Address Book Revision) and '最近のレポート' (Job Status, Convert Event Subscriptions, Populate Event Activation Status Table). The main area is titled 'Address Book Revision' with tabs for 'Work With Addresses' and 'Address Book Revision'. It displays an address record with Address Number 20168676. The 'Mailing' tab is selected, showing fields for Mailing Name (UMAK1), Secondary Mailing Name, Address Line 1 (highlighted in yellow with value 'NewAddress'), Address Line 2, City, State, and County. Other tabs include 'Additional 1', 'Additional 2', 'Related Address', 'Cat Code 1 - 10', and 'Cat Code 11 - 30'.

On creating\deleting\changing an Address Book record, a record should be written to event table F90710. If your Transaction Server is stopped, the F90710 record will remain in the table until the Transaction is activated. Note the value of the 'ETEVNTST' column (this should be 3 at this point).



Now start your Transaction Server via Server Manager Console. After your Transaction Server is started, the F90710 record should be processed and if your configuration is correct, the record should be removed from F90710.



EnterpriseOne Transaction Server: RTE8085

General

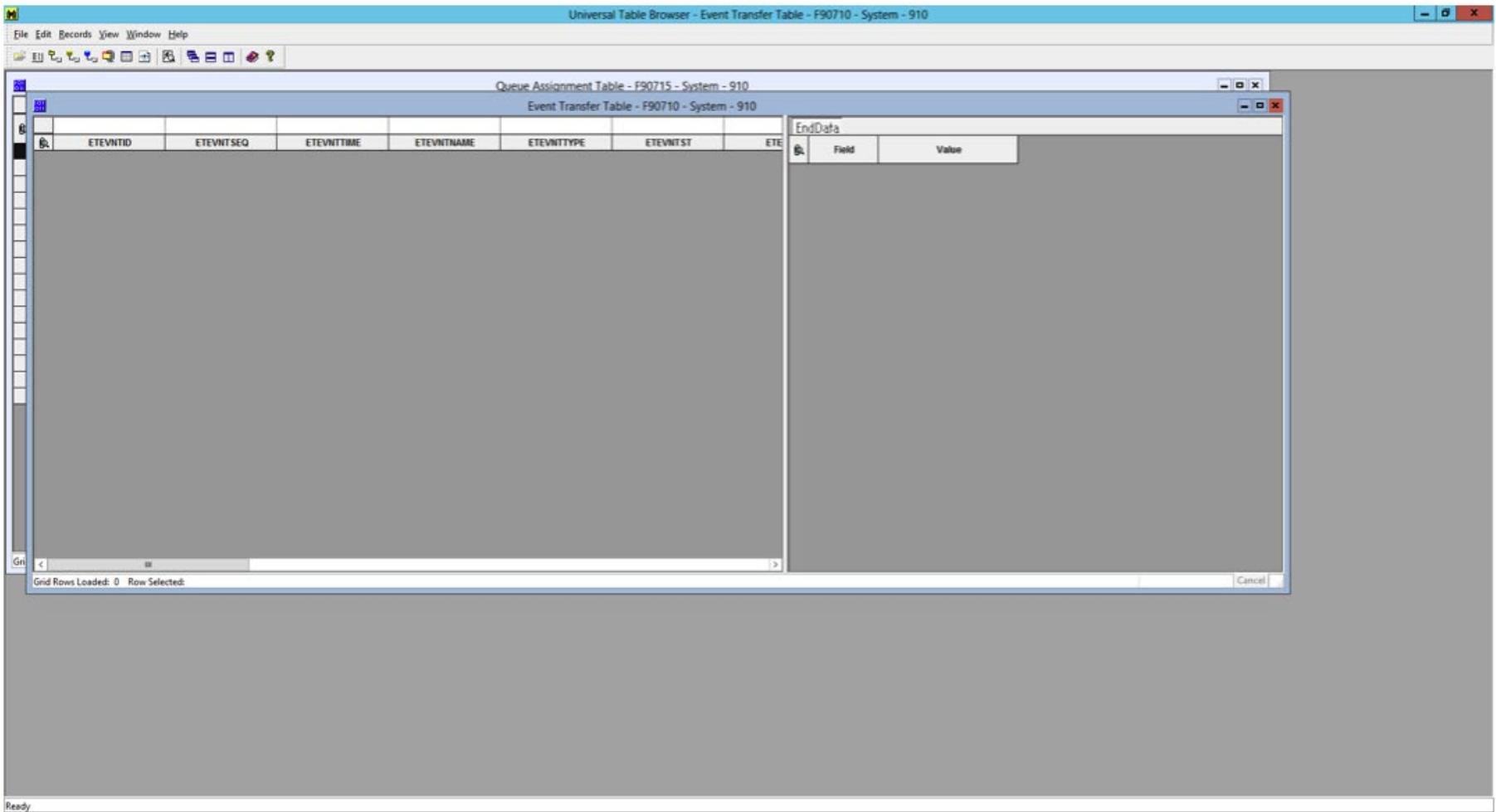
Status
Stopped **Start**

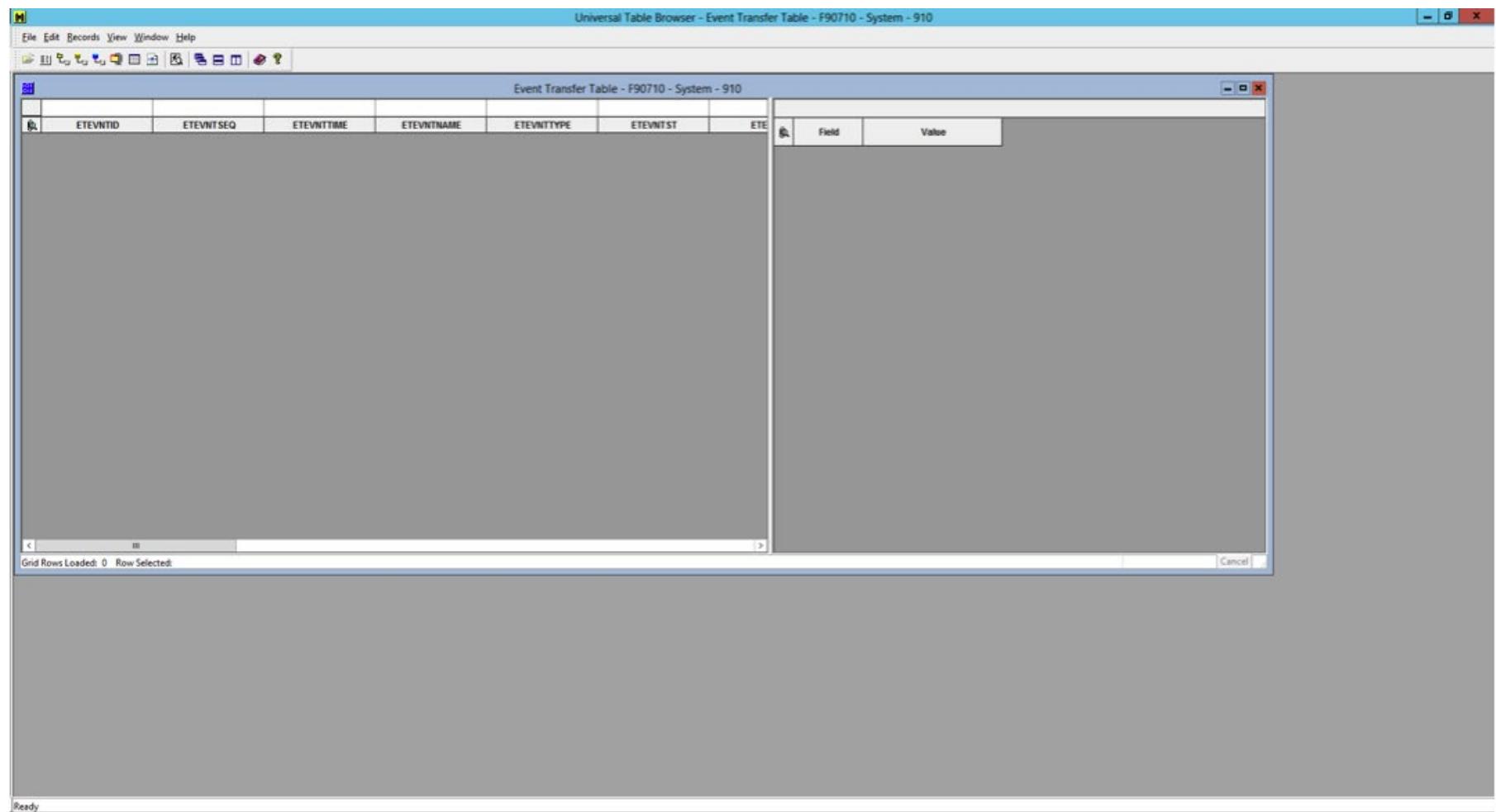
Software Component Version

EnterpriseOne RTE Server 9.2.0.5 07-06-2016_05_20 **Change...**

cnwbp1143.cn.dst.ibm.com
C:\jde_home_1\SCFHA

RTE8085
EnterpriseOne Transaction Server
Starting





RTE Configuration for Sales Order:

From an E1 Client, run P90701A. You should have a 'Container' RTE definition 'RTSOOUT' as follows. RTSOOUT 'CONTAINER' Event.

実行アプリケーション

ホーム

Event Definition Workbench

最近のレポート

ジョブ状況の表示

 Convert Event Subscriptions
(12/14/2017 19:08:28) Populate Event Activation Status Table
(12/14/2017 15:3...)

お気に入り

お気に入りの管理

Event Definition Workbench

Z File Events フォーム(E) ロー(R) ツール(T)

Event Type * Event Category RTE

Description * Product Code *

レコード 1 - 1

	RTSOOUT					
	Event Type	Event Description	Event Category	Product Code	Event Aggregate	
	RTSOOUT	Sales Order	RTE	H42	CONTAINER	

RTSOOUT ‘Event Details’. RTSOOUT is a ‘CONTAINER’ Event which is made up of the following ‘SINGLE’ Events:

実行アプリケーション

ホーム

Event Definition Detail

最近のレポート

Event Definition Detail

ツール(I)

Event Type **RTSOOUT**

CONTAINER

 Event Data Data Structure Data

レコード 1 - 3



	Single Event	Event Description	Data Structure	Data Structure Description
<input checked="" type="radio"/>	RTSODTL	Sales Order Detail	D4202310B	Sales Order Detail
<input type="radio"/>	RTSOHDR	Sales Order Header	D4202310A	Sales Order Header
<input type="radio"/>				

Take the ‘Event Activation’ Form from P90701A, add a record for RTSOOUT for the appropriate environment(s) and change the status to AV.

▼ 実行アプリケーション

- ホーム
- Event Entry
- Event Activation by Environment

▼ 最近のレポート

- ジョブ状況の表示
- Convert Event Subscriptions (12/14/2017 19:08:28)
- Populate Event Activation Status Table (12/14/2017 15:3...)

▼ お気に入り

- お気に入りの管理

Event Activation by Environment

フォーム(E) ロー(R) ツール(I)

Environment

*

Event Type

RTSOOUT

レコード 1 - 7

	Environment	Event Type	Event Category	Event Status
<input type="radio"/>	DEP910	RTSOOUT	RTE	NA
<input type="radio"/>	DV910	RTSOOUT	RTE	AV
<input checked="" type="radio"/>	JDV910	RTSOOUT	RTE	AV
<input type="radio"/>	JPS910	RTSOOUT	RTE	NA
<input type="radio"/>	JPY910	RTSOOUT	RTE	NA
<input type="radio"/>	PS910	RTSOOUT	RTE	NA
<input type="radio"/>	PY910	RTSOOUT	RTE	NA

Create a JAVACONN Subscriber

Run P90702A and add a subscriber as follows. The Subscriber field must have a value matching a valid E1 User.

実行アプリケーション

- ホーム
 - Event Entry
 - Event Activation by Environment
 - Event Subscribers
- ▼ 最近のレポート
- ジョブ状況の表示
 - Convert Event Subscriptions
(12/14/2017 19:08:28)
 - Populate Event Activation Status Table
(12/14/2017 15:3...)

Event Subscribers

フォーム(F) ロー(R) ツール(T)

 All Subscribers Active Subscribers Inactive Subscribers

レコード 1 - 1

Subscriber	Description	Activation Status	Transport Type
JDE	JDE	AV	JAVACONN

Create a Subscription

Run P90702A. Find the Subscriber you created in the above step. Take the 'Event Subscriptions' Option.

ORACLE® JD Edwards

実行アプリケーション

ホーム
Event Entry
Event Activation by Environment
Event Subscribers
最近のレポート
ジョブ状況の表示
Convert Event Subscriptions (12/14/2017 19:08:28)
Populate Event Activation Status Table (12/14/2017 15:3...
お気に入り
お気に入りの管理

Event Subscribers

お気に入り

All Subscribers

お気に入り

Change Status

Event Subscriptions

Subscriber Description Activation Status Transport Type

JDE JDE AV JAVACONN

ORACLE® JD Edwards

実行アプリケーション

ホーム
Event Entry
Event Activation by Environment
Event Subscriptions
最近のレポート
ジョブ状況の表示
Convert Event Subscriptions (12/14/2017 19:08:28)
Populate Event Activation Status Table (12/14/2017 15:3...
お気に入り
お気に入りの管理

Event Subscriptions

お気に入り

Subscriber JDE

Subscription Name *

All Subscriptions Active Subscriptions Inactive Subscriptions

レコード 1 - 1

Subscription Name	Subscription Description	Activation Status
JDESubscriberDV	JDE Subscriber DV	AV

Add an Event (RTSOOUT) to the Subscription

Find the subscription created above. Select the 'Subscribed Events' Row Exit.

ORACLE® JD Edwards

実行アプリケーション

ホーム
Event Entry
Event Activation by Environment
Event Subscriptions
最近のレポート
ジョブ状況の表示
Convert Event Subscriptions (12/14/2017 19:08:28)
Populate Event Activation Status Table (12/14/2017 15:3...
お気に入り
お気に入りの管理

Event Subscriptions

お気に入り

Subscriptions

Subscription Name: お気に入り

Subscribed Events

Subscribed Env

Change Status

All Subscriptions (selected) Active Subscriptions Inactive Subscriptions

レコード 1 - 1

Subscription Name	Subscription Description	Activation Status
JDESubscriberDV	JDE Subscriber DV	AV

ORACLE® JD Edwards

実行アプリケーション

ホーム
Event Entry
Event Activation by Environment
Subscribed Events
最近のレポート
ジョブ状況の表示
Convert Event Subscriptions (12/14/2017 19:08:28)
Populate Event Activation Status Table (12/14/2017 15:3...
お気に入り

Subscribed Events

Subscriber: JDE

Subscription Name: JDESubscriberDV

レコード 1 - 2

	Event Type	Event Category
<input checked="" type="radio"/>	RTSOOUT	RTE
<input type="radio"/>		

Add Environment to Subscription

Find the subscription created above. Select the 'Subscribed Env' Row Exit.

ORACLE® JD Edwards

実行アプリケーション

- ホーム
- Event Entry
- Event Activation by Environment
- Event Subscriptions

最近のレポート

- ジョブ状況の表示
- Convert Event Subscriptions (12/14/2017 19:08:28)
- Populate Event Activation Status Table (12/14/2017 15:3...)

お気に入り

- お気に入りの管理

Event Subscriptions

お気に入り

Event Subscriptions

Subscriber

Subscription Name

お気に入り

ロード

Subscribed Events

Subscribed Env

Change Status

All Subscriptions

Active Subscriptions

Inactive Subscriptions

レコード 1-1

Subscription Name	Description	Activation Status
JDESubscriberDV	JDE Subscriber DV	AV

ORACLE® JD Edwards

実行アプリケーション

- ホーム
- Event Entry
- Event Activation by Environment
- Subscribed Environments

最近のレポート

- ジョブ状況の表示
- Convert Event Subscriptions (12/14/2017 19:08:28)
- Populate Event Activation Status Table (12/14/2017 15:3...)

お気に入り

Subscribed Environments

Subscriber

Subscription Name

お気に入り

JDE

JDESubscriberDV

レコード 1-3

Environment
DV910
JDV910

You are now ready to test your configuration. Restart your E1 Enterprise Server and start your Transaction Server from the Server Manager console.

Testing\Validating the JAVACONN configuration

A Real Time Event will be created when Adding \ Changing or Deleting a Sales order record.

Before generating a RTSOOUT, stop your Transaction Server via Server Manager Console. Once the Transaction Server is stopped, create or edit a Sales Order Record. Then a record should be written to event table F90710. If your Transaction Server is stopped, the F90710 record will remain in the table until the Transaction is activated. Now start your Transaction Server via Server Manager Console. After your Transaction Server is started, the F90710 record should be processed and if your configuration is correct, the record should be removed from F90710.

Reference Doc – https://support.oracle.com/knowledge/JD%20Edwards%20EnterpriseOne/656248_1.html

How to use IBM Integration Bus (IIB) JDE input node in a message flow to poll the real time events populated in the JDE Server event table when an update to an address book record happens

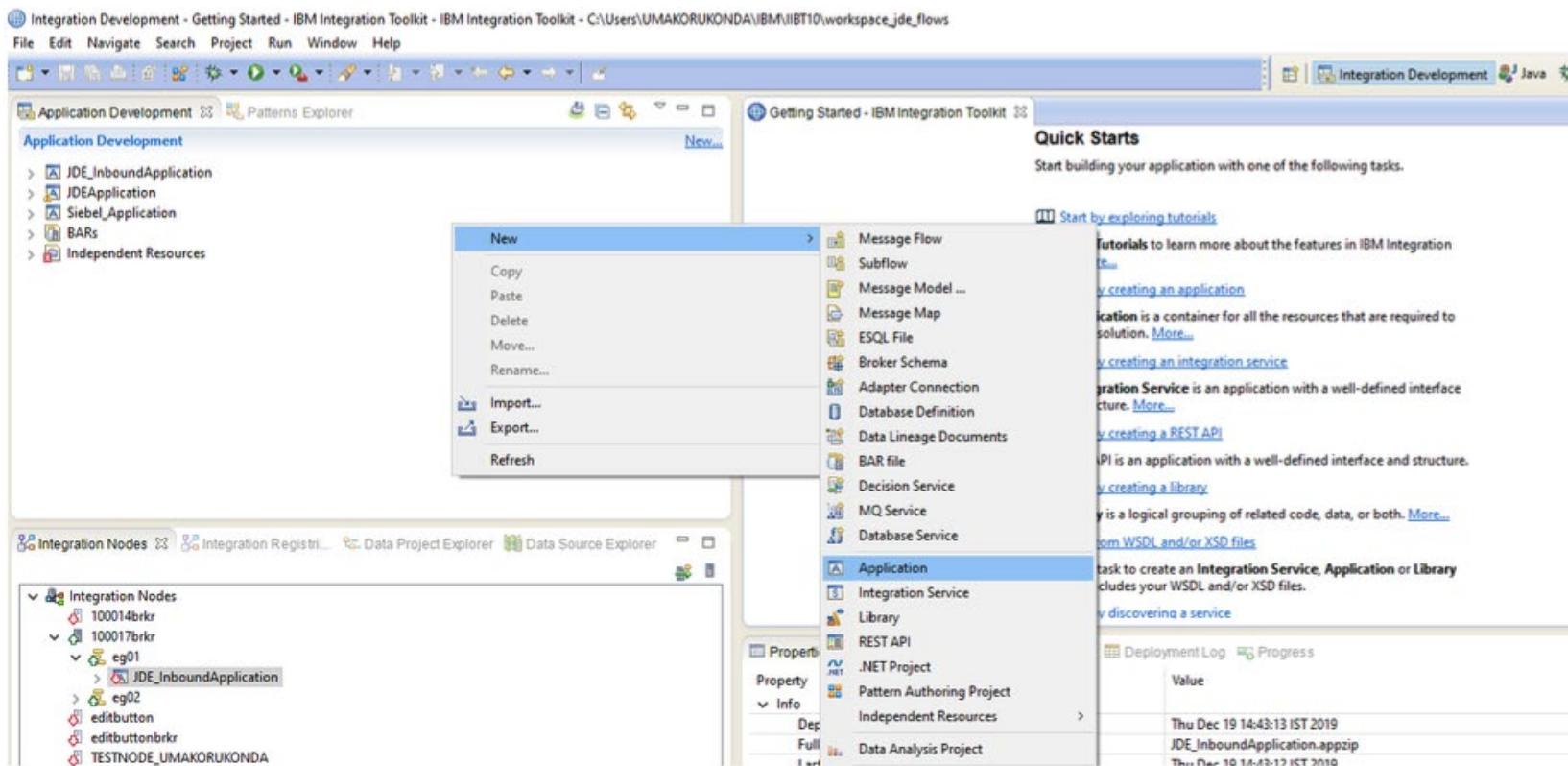
To have real time events of address book or sales order in the event table we should first create an account or sales order in the JDE server either using JDE Enterprise Server One or using JDE Request Node. Then updating the record.

This part is divided into two sections

- Firstly, we will show you how to create an Outbound message flow using the IIB toolkit and deploy to the IIB Integration node to update an Address Line in the Address Book record using the JDE request node provided by IIB.
- Secondly, we will show you how to create an Inbound message flow using the IIB toolkit and deploy to the IIB Integration node to poll the updated record mentioned above using the JDE Input node provided by IIB.

Creating an outbound message flow using IIB toolkit and deploy to the IIB Integration node to update an Address Line in the Address Book record using the JDE request node provided by IIB.

1. Open the toolkit and create an applicaton.



Create a new application

An application is a deployable container that provides isolation at runtime. Enter a name for the new application.



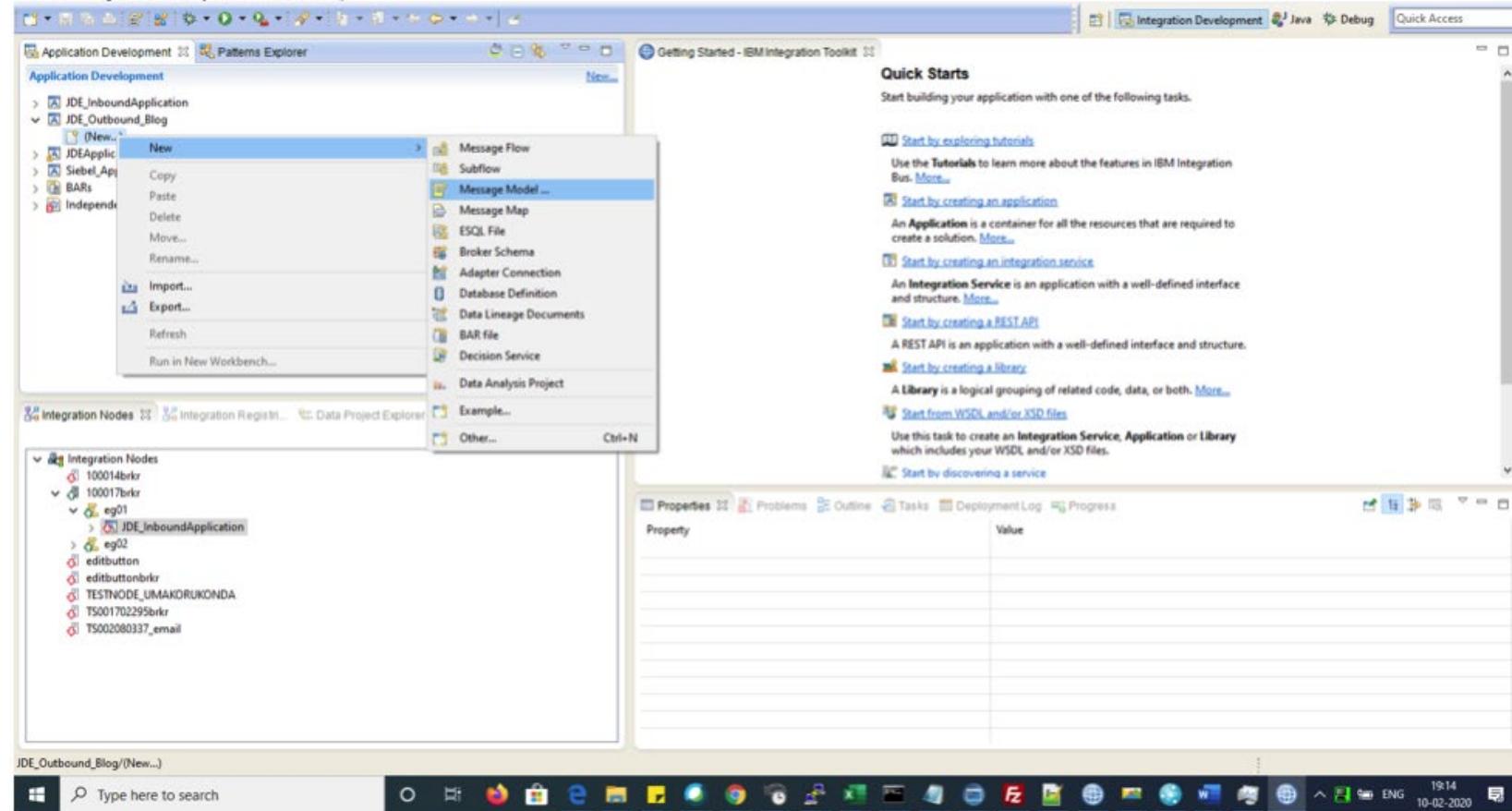
Application name



Finish

Cancel

2. Create a message model to create and configure JDE adapter.



Getting Started - IBM Integration Toolkit

Quick Access

Application Development Patterns Explorer

New...

New

- > JDE_InboundApplication
- > JDE_Outbound_Blog
- (New...)
- > JDEApplic
- > Siebel_App
- > BARs
- > Independ...

Copy
Paste
Delete
Move...
Rename...

Import...
Export...
Refresh
Run in New Workbench...

Message Flow
Subflow
Message Model ...
Message Map
ESQL File
Broker Schema
Adapter Connection
Database Definition
Data Lineage Documents
BAR file
Decision Service
Data Analysis Project
Example...
Other... Ctrl+N

Quick Starts

Start building your application with one of the following tasks.

Start by exploring tutorials Use the [Tutorials](#) to learn more about the features in IBM Integration Bus. [More...](#)

Start by creating an application An **Application** is a container for all the resources that are required to create a solution. [More...](#)

Start by creating an integration service An **Integration Service** is an application with a well-defined interface and structure. [More...](#)

Start by creating a REST API A **REST API** is an application with a well-defined interface and structure.

Start by creating a library A **Library** is a logical grouping of related code, data, or both. [More...](#)

Start from WSDL and/or XSD files Use this task to create an **Integration Service**, **Application** or **Library** which includes your WSDL and/or XSD files.

Start by discovering a service

Properties Problems Outline Tasks Deployment Log Progress

Property Value

JDE_Outbound_Blog/(New...)

Type here to search

Windows Taskbar: 19:14, 10-02-2020, ENG



Create a new message model file

Select the message model type or format



XML

- SOAP XML XML data for use in Web Services.
- Other XML All other XML data.

Text and binary

- CSV text Comma Separated Values data, a delimited text format commonly used as an export format by spreadsheets and databases.
- Record-oriented text Text data formats where delimited fields are grouped into records.
- COBOL Data for COBOL programs
- C Data for C programs
- Other text or binary All other text or binary data formats.

Enterprise Information Systems

- SAP Data from SAP systems including IDoc and BAPI
- Siebel Data from Siebel systems
- PeopleSoft Data from PeopleSoft
- JD Edwards Data from JD Edwards systems

Other

- CORBA IDL Data from CORBA
- Database record Records from relational databases
- MIME Data for extended email format
- IBM supplied Predefined data format



< Back

Next >

Finish

Cancel

JD Edwards

Choose how you would like to create your JDEward message model.



Integration Bus can establish a connection to the JDEward server, discover services, and generate business objects,

[Create from discovery](#)



[< Back](#)

[Next >](#)

[Finish](#)

[Cancel](#)

Configure Settings for Discovery Agent

Specify the properties to initialize the discovery agent.



- ▼ JDE IBM WebSphere Adapter for JD Edwards EnterpriseOne
 - CWYED_JDE2

[Back](#)[Next >](#)[Finish](#)[Cancel](#)

Connector Settings

Select dependency libraries and jars for the connector project.



Select the JD Edwards EnterpriseOne version and then specify the location of the files required to access the JDE server. You might need to download the files from the server.

Note that few versions of JD Edwards EnterpriseOne are deprecated and will not be supported in the releases later to 7.0.0 of the WebSphere JDE Adapters. These versions are listed below to enable continued usage in case if you already using the older versions.

Properties:

- Version
 - 9.1.4
 - 8.97, 8.98, 9.1
 - 8.95, 8.96(Deprecated)
 - 8.94(Deprecated)
 - 8.9 SP1/SP2, 8.93(Dep

< >

Select the JDBC driver files required to access the database server. JDBC driver files are shipped with the database product. You might need to download the files from the server.

JDBC Libraries:*

Add...
Remove



< Back

Next >

Finish

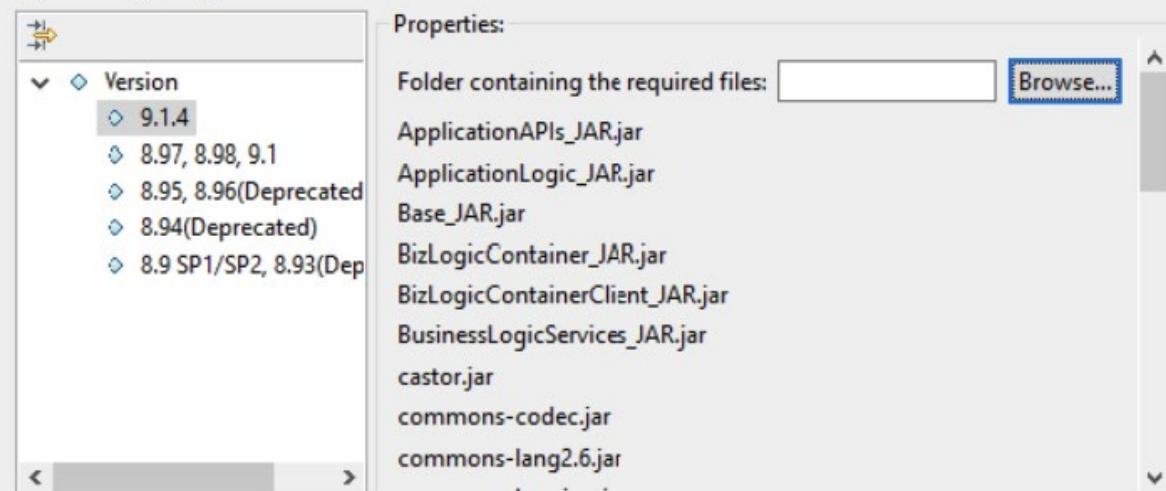
Cancel

Connector Settings

Select dependency libraries and jars for the connector project.

Select the JD Edwards EnterpriseOne version and then specify the location of the files required to access the JDE server. You might need to download the files from the server.

Note that few versions of JD Edwards EnterpriseOne are deprecated and will not be supported in the releases later to 7.0.0 of the WebSphere JDE Adapters. These versions are listed below to enable continued usage in case if you already using the older versions.



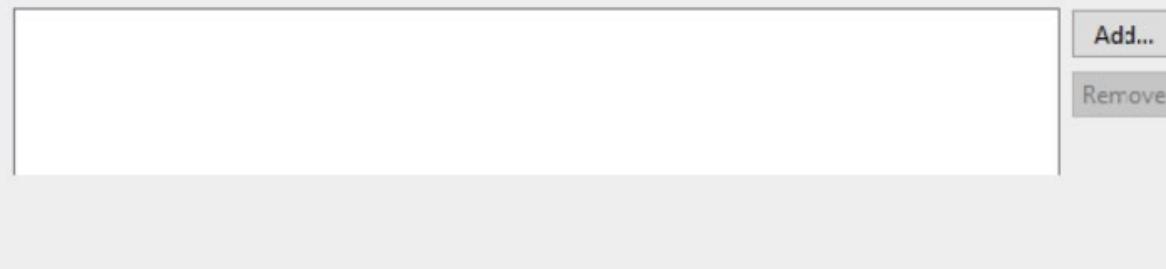
Properties:

Folder containing the required files: [Browse...](#)

- ApplicationAPIs_JAR.jar
- ApplicationLogic_JAR.jar
- Base_JAR.jar
- BizLogicContainer_JAR.jar
- BizLogicContainerClient_JAR.jar
- BusinessLogicServices_JAR.jar
- castor.jar
- commons-codec.jar
- commons-lang2.6.jar

Select the JDBC driver files required to access the database server. JDBC driver files are shipped with the database product. You might need to download the files from the server.

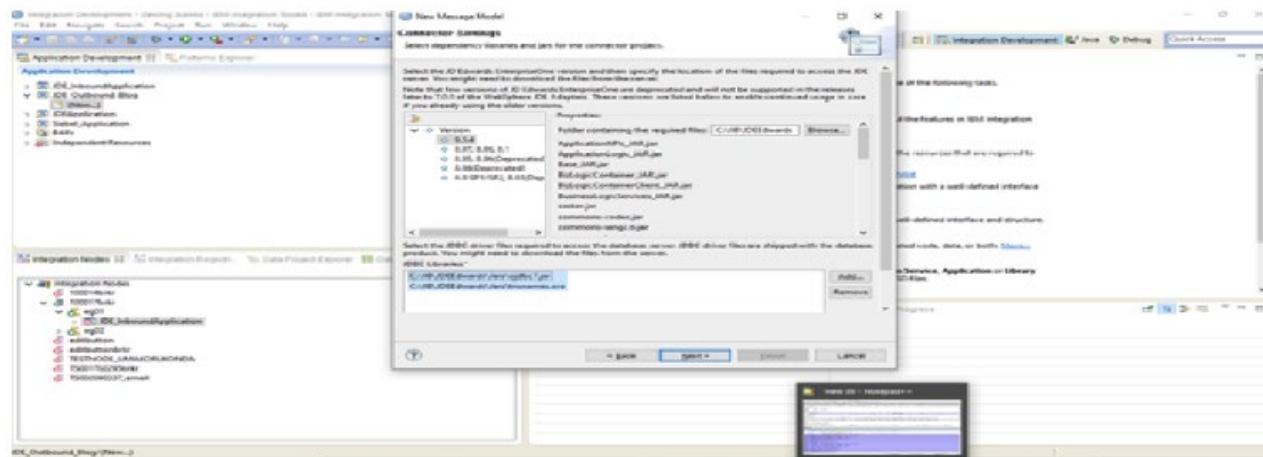
JDBC Libraries:^{*}



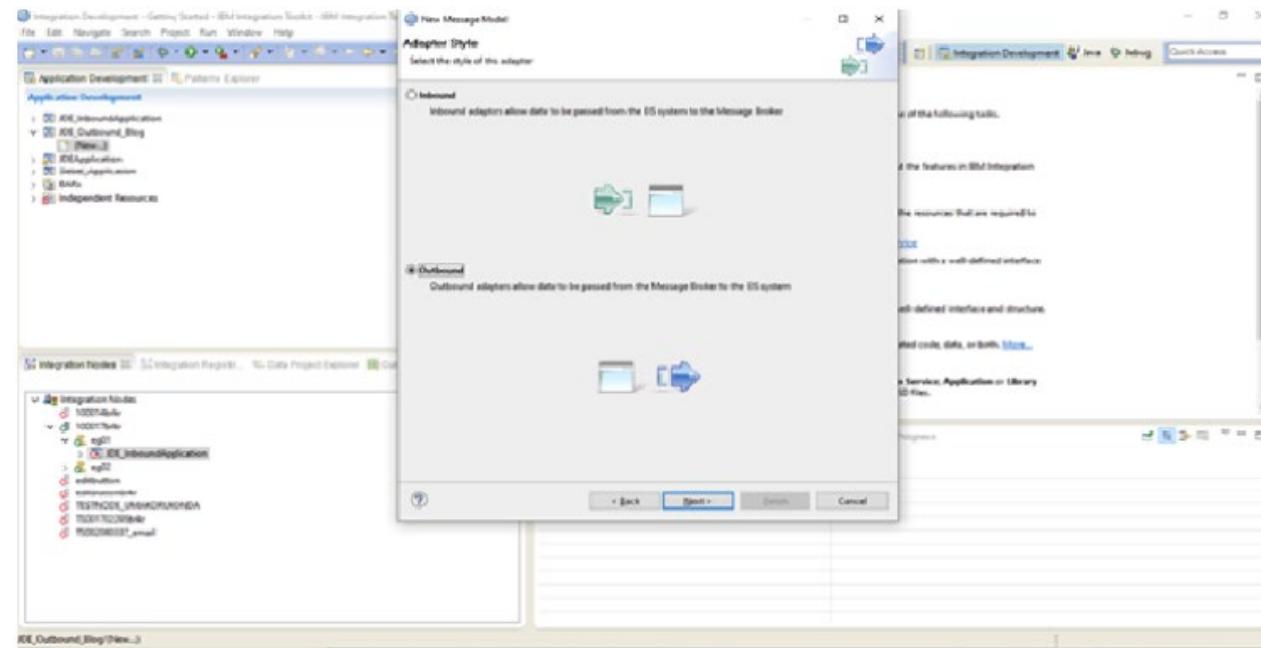
Add...
Remove

[< Back](#)[Next >](#)[Finish](#)[Cancel](#)

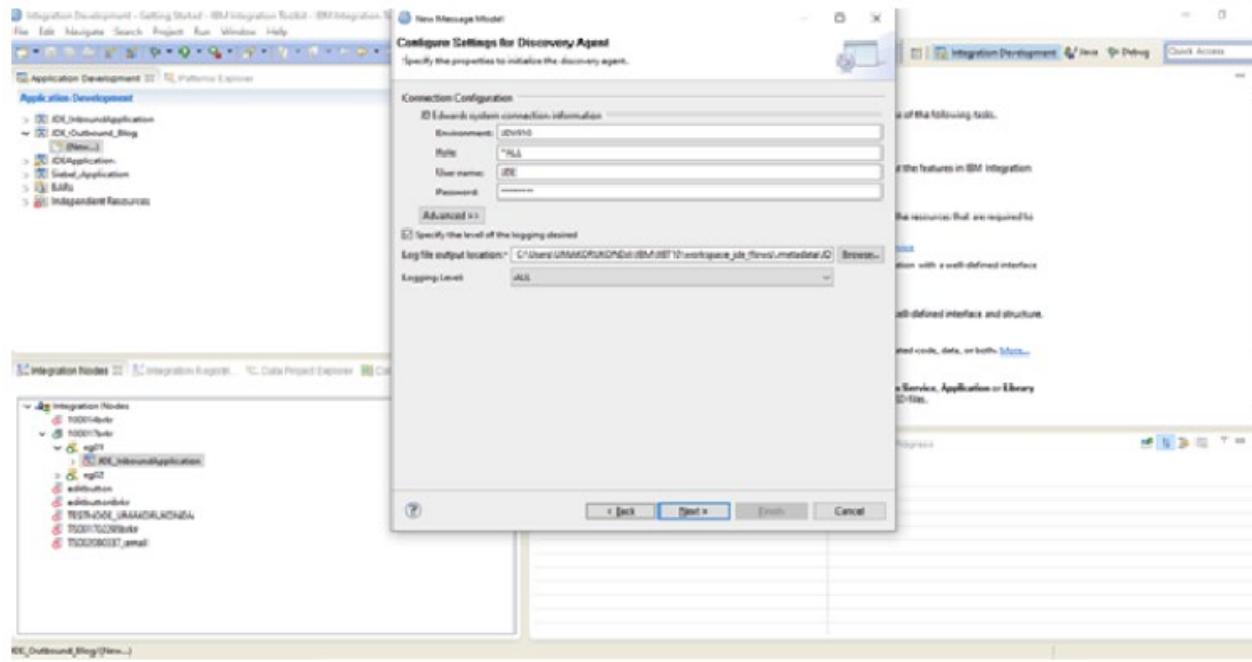
Select ojdbc7.jar and tnsnames.ora file location and click on next



Select Outbound to create an IBM WebSphere JDE Adapter



Provide values for JDE Environment, Role, Username and Password to connect to the JDE server configured. Optionally you can provide the logging details.



Find and Discover Services

To discover objects on the enterprise system, expand the object category. Highlight the category and specify the search criteria by clicking the filter icon to narrow the search.



Query: Business Functions=true,XML Lists =true

[Edit Query...](#)

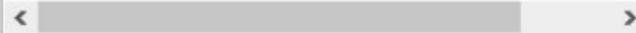
[Execute Query](#)

Objects discovered by query:



 < Execute a query to populate this view with discovere

Objects to be imported:



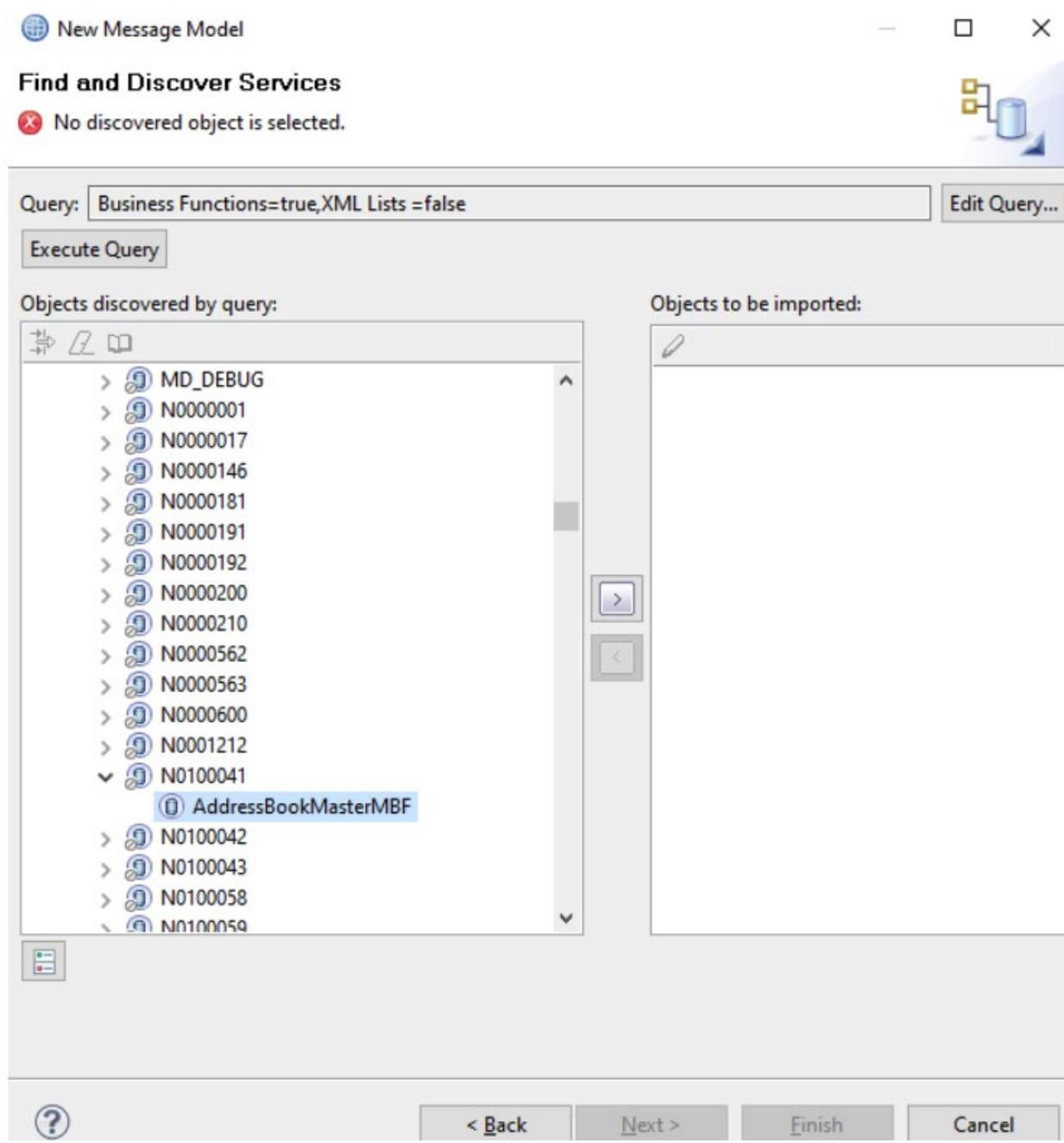
[Back](#)

[Next](#)

[Finish](#)

[Cancel](#)

Search and Select AddressBookmasterMBF from N0100041 Business Function



?

Find and Discover Services

 No discovered object is selected.

Query: Business Functions=true,XML Lists =false

[Edit Query...](#)[Execute Query](#)

Objects di

 New Message Model

Configuration Parameters for 'AddressBookMasterMBF'

Set the configuration parameters, then press OK.

Business object name: AddressBookMasterMBF[OK](#)[Cancel](#)>  N0001212>  N0100041  AddressBookMasterMBF>  N0100042>  N0100043>  N0100058>  N0100059[? Back](#)[Next >](#)[Finish](#)[Cancel](#)

Configure Objects

Specify properties that apply to all selected objects.



Business object namespace: *

Business Function container business objects

Configuration properties for container business objects

Container business object names:*

ChangeAddressLine

Add...

Remove

Operations for selected container business object: Execute

Business Functions for selected operations:*

AddressBookMasterMBF

Add...

Remove

Configuration Table (Multiple Execution of Business Function, RollBackOnWarning and RunOnError):

BusinessFunction Name	Array	RollBackOnWarning	RunOnError	
				<p>Add... Edit... Remove</p>



< Back

Next >

Finish

Cancel

Service Generation and Deployment Configuration

Specify properties for generating the service and running it on Broker



Service Operations:

To modify the names, or add a description to the operations to be generated in the interface file, click Edit Operations.

[Edit Operations...](#)

Deployment properties

Specify the connection properties which will be used to connect to the Enterprise Information System at runtime:

Connection Properties

JDE Managed connection factory properties

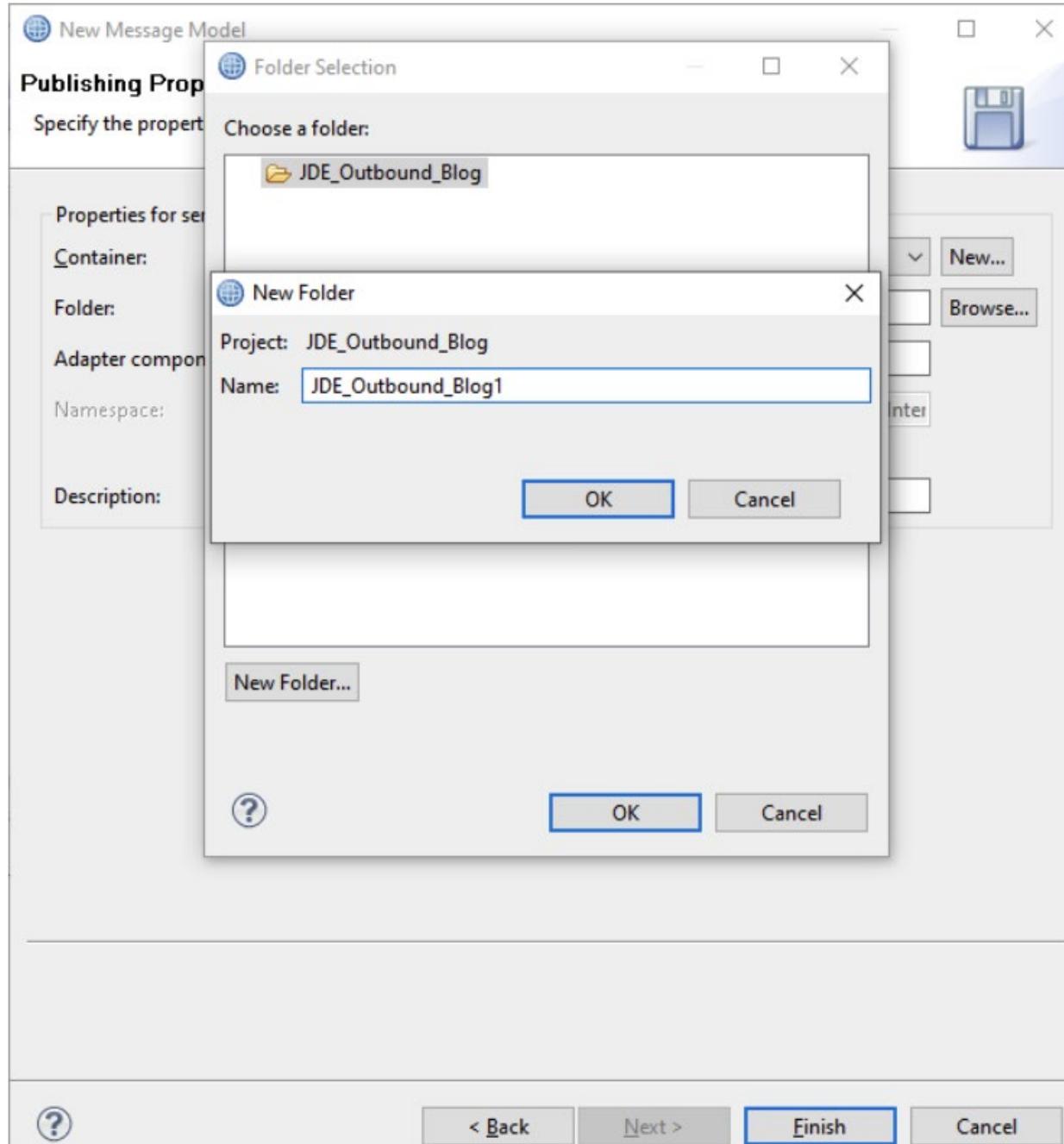
JDE Server Credentials

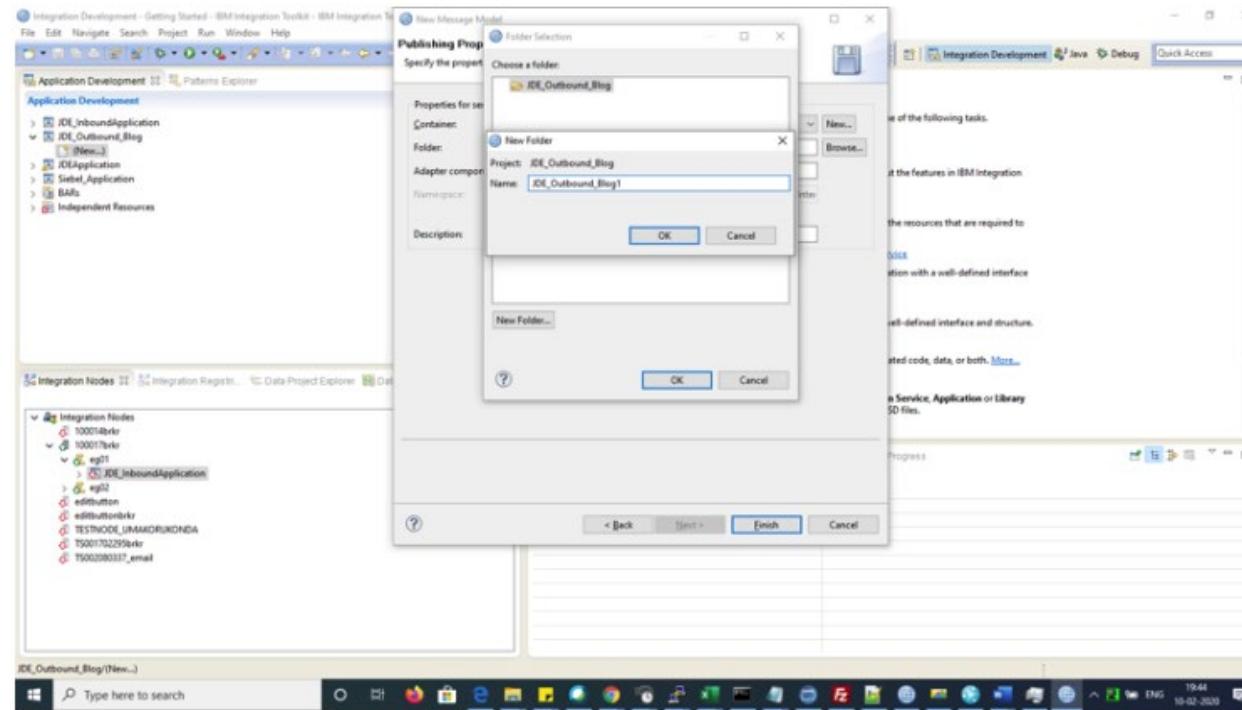
Environment: JDV910
Role: *ALL
User name: JDE
Password: *****
Timeout (milliseconds):

[Advanced >>](#)

Global timeout value to be set on the XML List request execute ca

[? < Back](#)[Next >](#)[Finish](#)[Cancel](#)





Publishing Properties

Specify the properties for creating and running the J2C bean.



Properties for service

Container:

JDE_Outbound_Blog

Folder:

JDE_Outbound_Blog

Adapter component name:^{*}

Namespace:

http://JDE_Outbound_Blog/JDE_Outbound_Blog/JDEOutboundInter

Use default namespace

Description:



[? Back](#)

[Next >](#)

[Finish](#)

[Cancel](#)



Publishing Properties

Specify the properties for creating and running the J2C bean.

Properties for service

Container:

JDE_Outbound_Blog

▼

New...

Folder:

JDE_Outbound_Blog

Browse...

Adapter component name:^{*}

Namespace:

http://JDE_Outbound_Blog/JDE_Outbound_Blog/JDEOutboundInter

Use default namespace

Description:

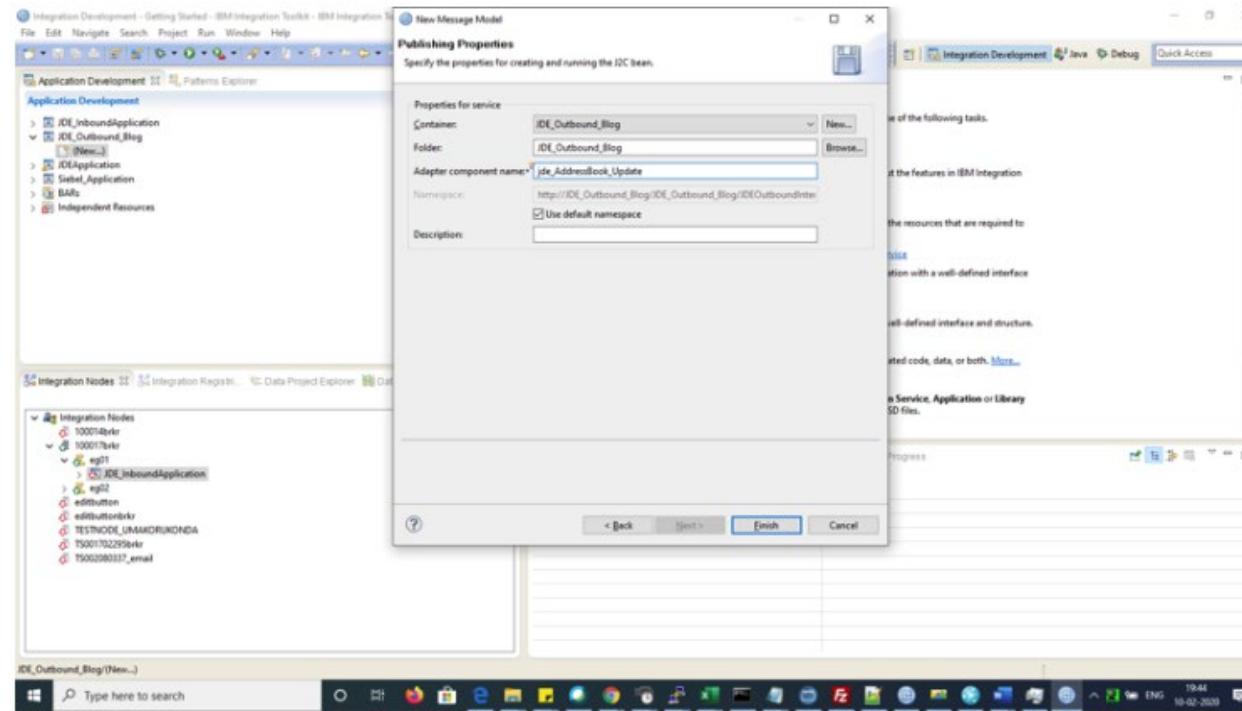


< Back

Next >

Finish

Cancel



IDE_Outbound_Blog (New...)

Type here to search

Windows 10 19A4 ENG 10-02-2020



Publishing Properties

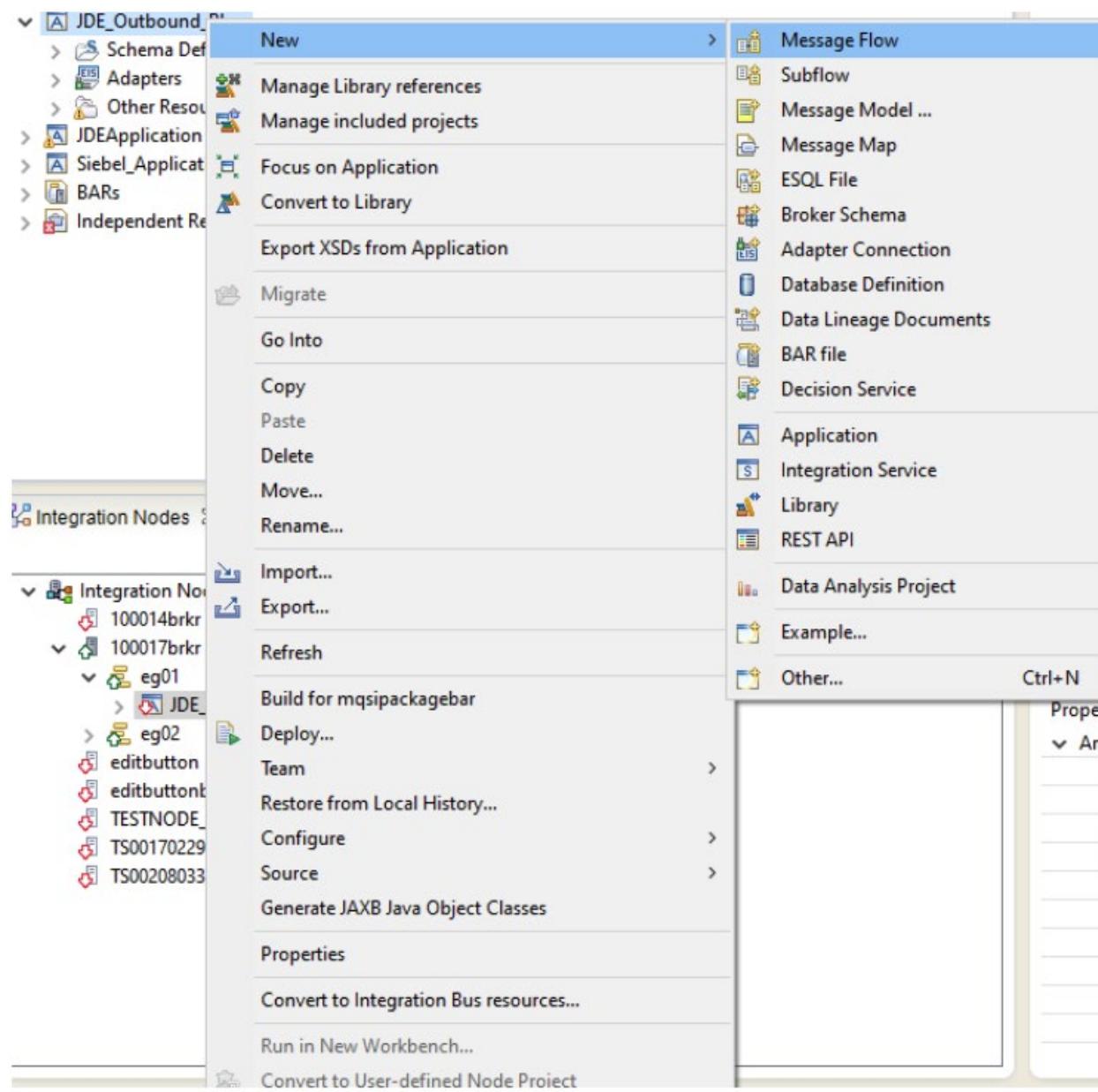
Specify the properties for creating and running the J2C bean.

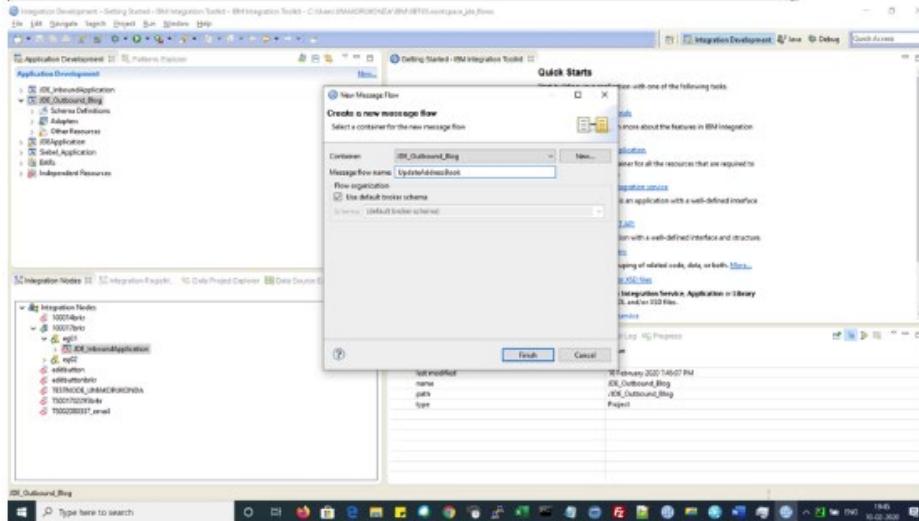
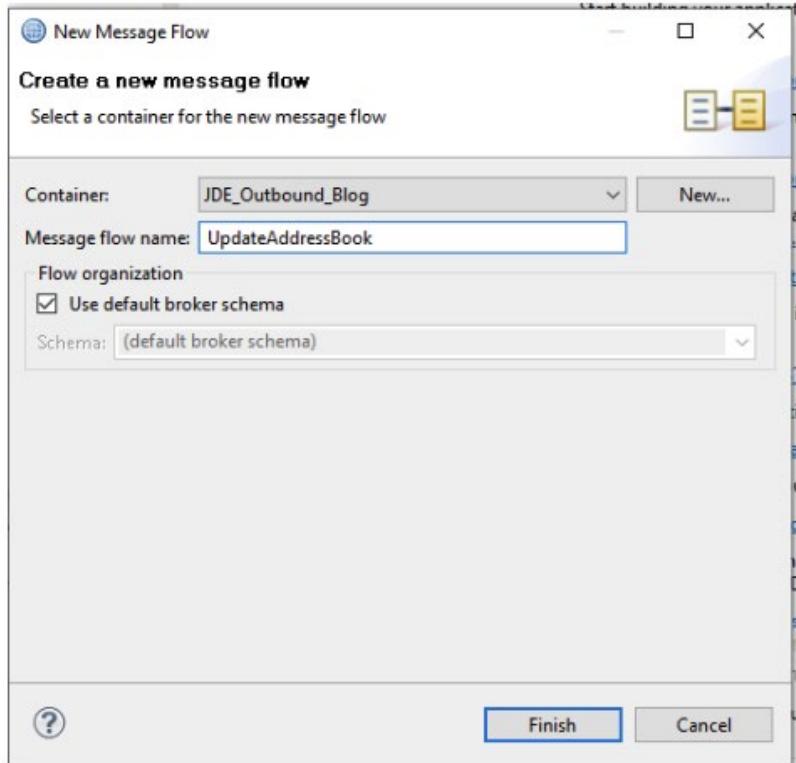
Properties for service

Container:	JDE_Outbound_Blog	New...
Folder:	JDE_Outbound_Blog	Browse...
Adapter component name:*	jde_AddressBook_Update	
Namespace:	http://JDE_Outbound_Blog/JDE_Outbound_Blog/JDEOutboundInter	
<input checked="" type="checkbox"/> Use default namespace		
Description:		

[< Back](#)[Next >](#)[Finish](#)[Cancel](#)

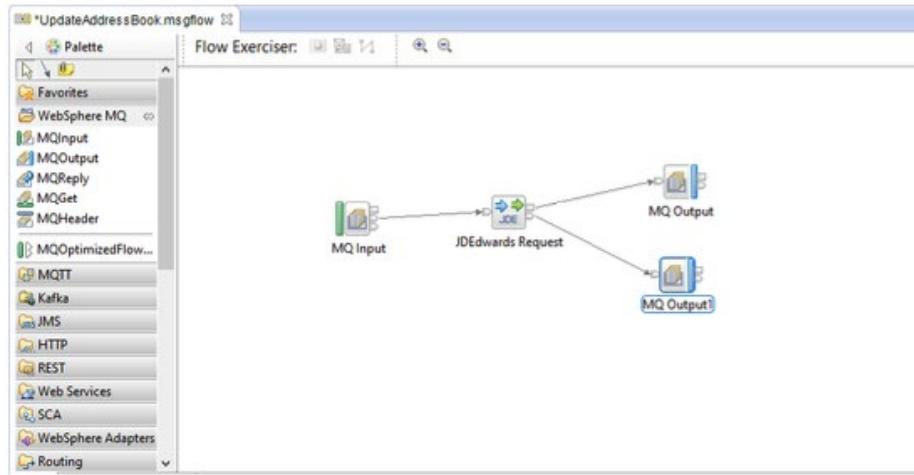
The screen shots above showed you how to create a message model to update an address book record in JDE server. Now we will show you how to Create a Message flow using JDE Request Node, MQInput and MQ Output nodes in the same application.





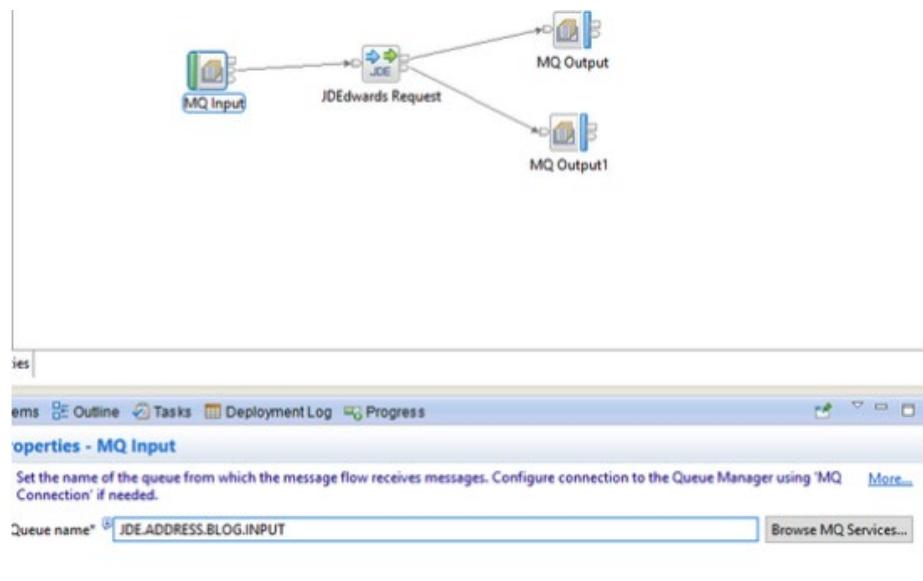
Drag and drop MQ Input node, JDE Request Node from WebSphere Adapters->JD Edwards panel, and two MQ Output nodes.

Wire the OUT terminal of the MQ Input node to JDE Request Node and wire the JDE Request node OUT terminal to one MQ Output Node and FAILURE terminal to another MQ Output Node as shown in the below picture.



Provide Input, Output and Failure queues names.

This screenshot shows the "MQ Input Node Properties - MQ Input" dialog box. The "Properties" tab is selected. In the "Basic" section, under "MQ Connection", the "Queue name" field is populated with "JDL.ADDRESS.BLOG.INPUT". Other tabs like "Advanced", "Validation", "Security", and "Instances" are also visible.



Properties - MQ Input

Set the name of the queue from which the message flow receives messages. Configure connection to the Queue Manager using 'MQ Connection' if needed.

Queue name* [Browse MQ Services...](#)

MQ Input Node Properties - MQ Input

Basic

Message domain: XMLNSC : For XML messages (translatable aware, validation, low memory use)

Message model: Leave blank to use XML schema in a Static Library or the Application, or select a Shared Library or a Message [Browse...](#)

Message:

Physical format:

MQ Optimized Flow...

MQTT

Kafka

JMS

HTTP

REST

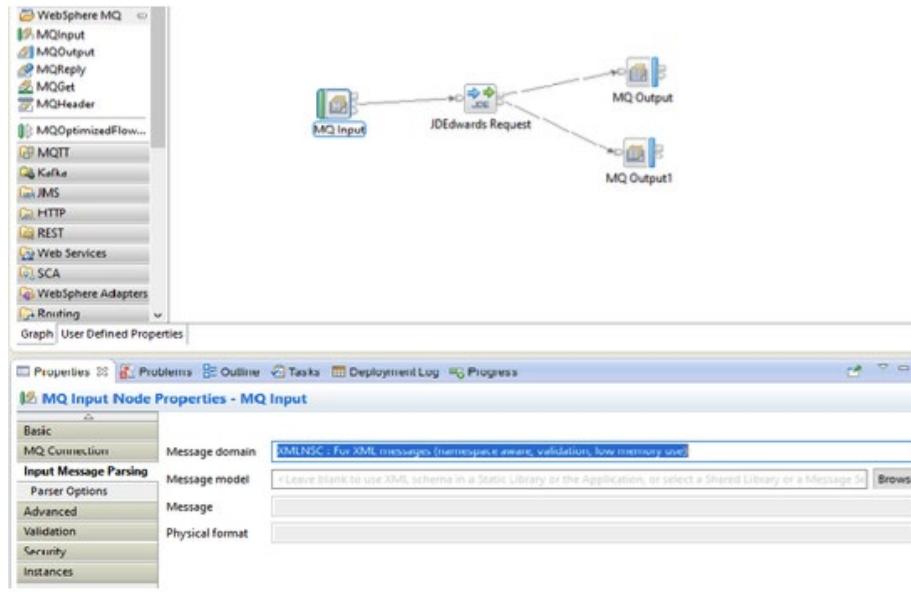
Web Services

SCA

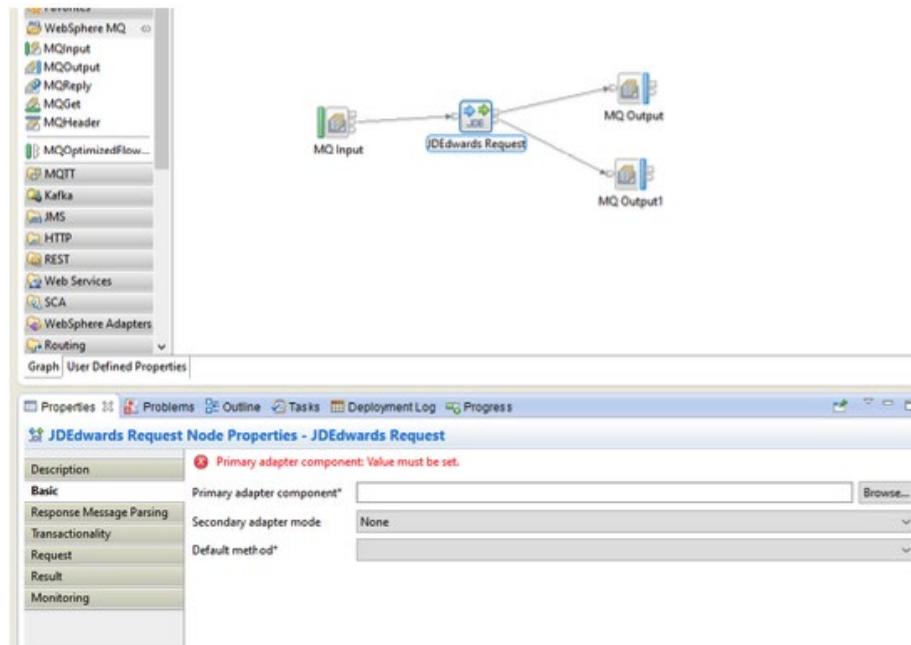
WebSphere Adapters

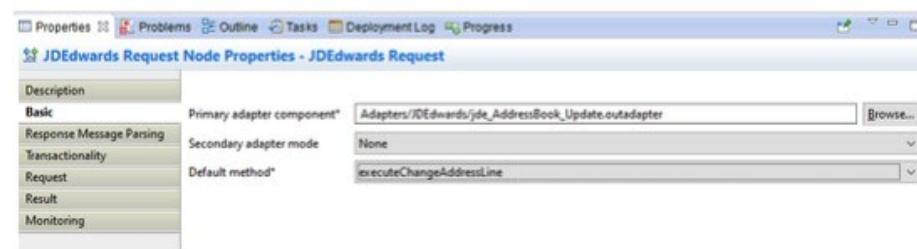
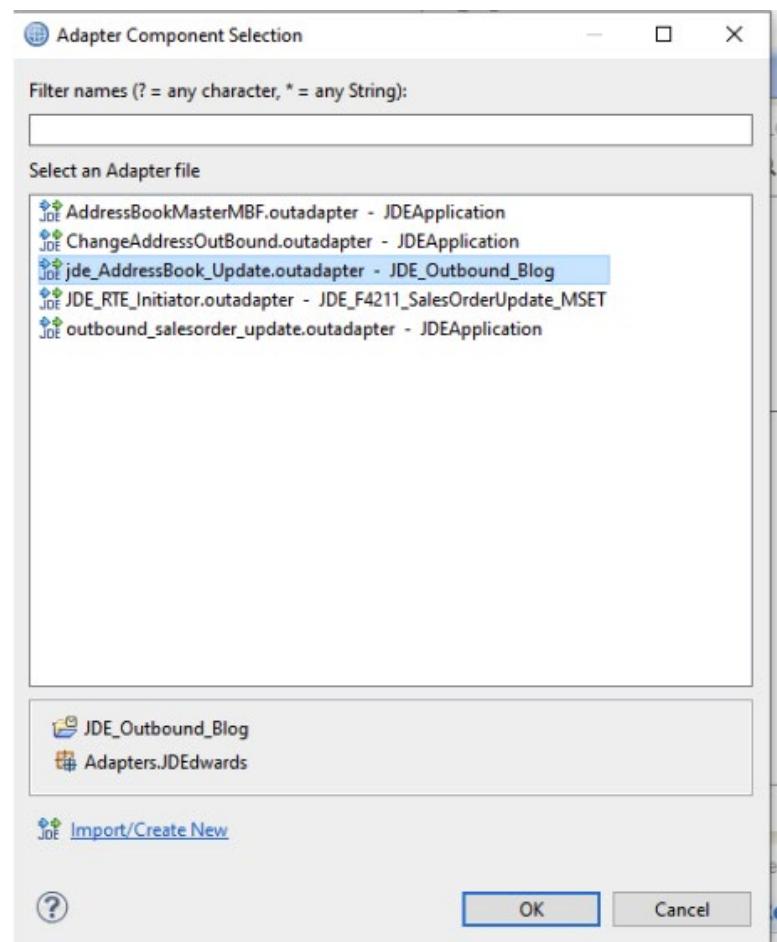
Routing

Graph, User Defined Properties



Select the JDE Adapter created in Step 1 and the method as shown in the below images.

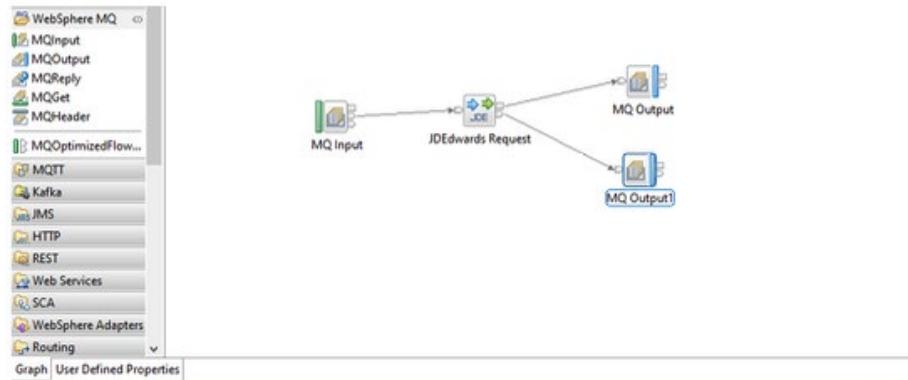




Properties Problems Outline Tasks Deployment Log Progress

JDEdwards Request Node Properties - JDEdwards Request

Description	
Basic	Message domain : DataObject : For data from WebSphere Adapters, CORBA and Database records
Response Message Parsing	Message model
	Message
Transactionality	Request
Result	Physical format
Monitoring	

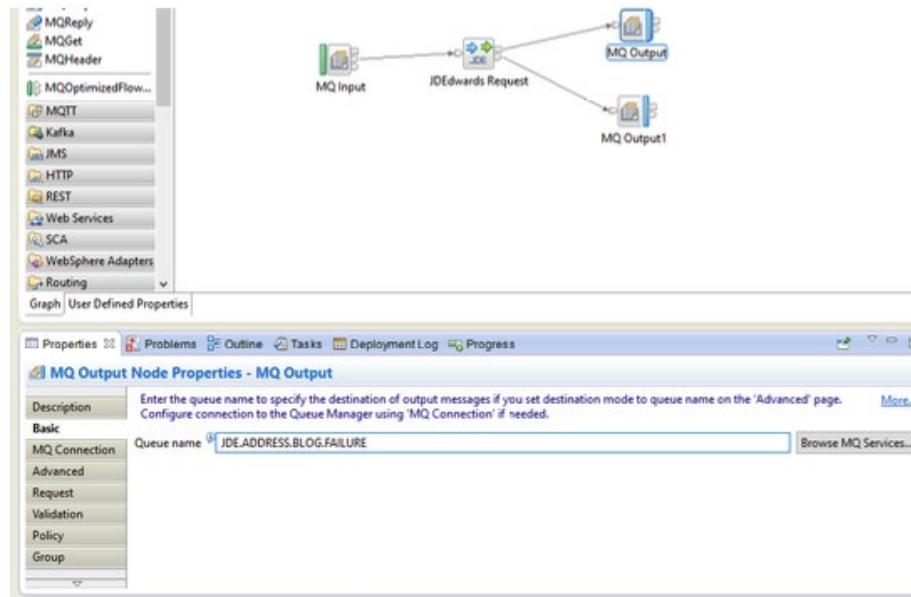


Properties Problems Outline Tasks Deployment Log Progress

MQ Output Node Properties - MQ Output1

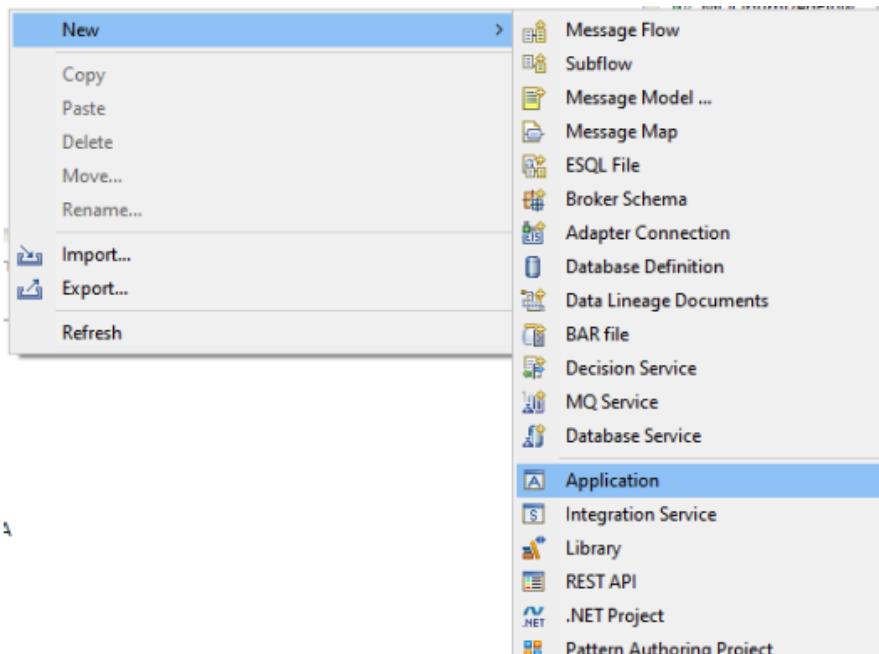
Basic	Enter the queue name to specify the destination of output messages if you set destination mode to queue name on the 'Advanced' page. More...
MQ Connection	Configure connection to the Queue Manager using 'MQ Connection' if needed.
Advanced	
Request	
Validation	
Policy	
Group	
Monitoring	

Queue name : JDE.ADDRESS.BLOG.OUTPUT [Browse MQ Services...](#)

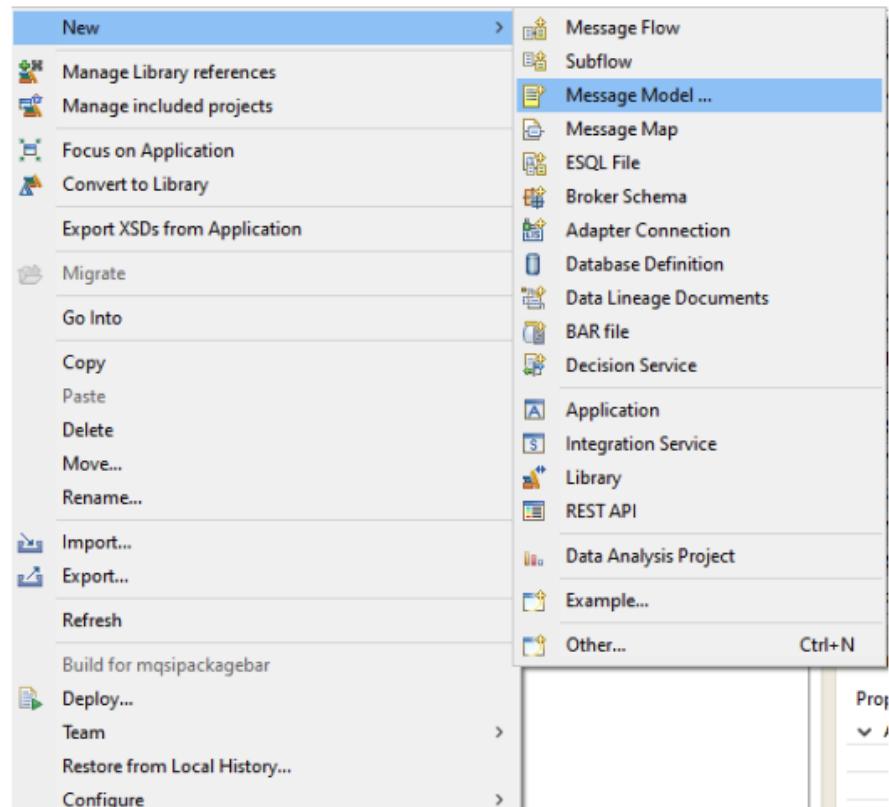


Creating an Inbound message flow using JDE Input Node provided by IIB toolkit and deploy to the IIB Integration node to poll the Address Book record that is updated using the above Outbound Message flow.

Similar to the Outbound message flow Create an application , WebSphere JD Edwards Inbound Adapter and a message flow.



Create a Message model for Inbound JDE adapter:



Create a new message model file

Select the message model type or format



XML

- SOAP XML XML data for use in Web Services.
- Other XML All other XML data.

Text and binary

- CSV text Comma Separated Values data, a delimited text format commonly used as an export format by spreadsheets and databases.
- Record-oriented text Text data formats where delimited fields are grouped into records.
- COBOL Data for COBOL programs
- C Data for C programs
- Other text or binary All other text or binary data formats.

Enterprise Information Systems

- SAP Data from SAP systems including IDoc and BAPI
- Siebel Data from Siebel systems
- PeopleSoft Data from PeopleSoft
- JD Edwards Data from JD Edwards systems

Other

- CORBA IDL Data from CORBA
- Database record Records from relational databases
- MIME Data for extended email format
- IBM supplied Predefined data format



< Back

Next >

Finish

Cancel

JD Edwards

Choose how you would like to create your JDEward message model.



Integration Bus can establish a connection to the JDEward server, discover services, and generate business objects,

[Create from discovery](#).

[< Back](#)[Next >](#)[Finish](#)[Cancel](#)

Configure Settings for Discovery Agent

Specify the properties to initialize the discovery agent.



IBM WebSphere Adapter for JD Edwards EnterpriseOne

CWYED_JDE2

C:\Users\UMAKORUKONDA\IBM\IBT10\workspace_jde_flows\metadata\JDEMetadataDiscovery.log;

« »

(?) < Back Next > Finish Cancel

A screenshot of a Windows-style configuration dialog box. The title bar reads "Configure Settings for Discovery Agent". The main area shows a tree view with "IBM WebSphere Adapter for JD Edwards EnterpriseOne" expanded, revealing a folder named "CWYED_JDE2" which contains a log file path. At the bottom, there are navigation buttons: a question mark icon, "< Back" and "Next >" (the latter is highlighted in blue), "Finish", and "Cancel". A horizontal scroll bar is visible below the tree view.

And

New Message Model

Connector Settings

Select dependency libraries and jars for the connector project.



Select the JD Edwards EnterpriseOne version and then specify the location of the files required to access the JDE server. You might need to download the files from the server.

Note that few versions of JD Edwards EnterpriseOne are deprecated and will not be supported in the releases later to 7.0.0 of the WebSphere JDE Adapters. These versions are listed below to enable continued usage in case if you already using the older versions.

Properties:

Folder containing the required files: C:\IB\JDEEdwards\, [Browse...](#)

- Version
 - 9.1.4
 - 8.97, 8.98, 9.1
 - 8.95, 8.96(Deprecated)
 - 8.94(Deprecated)
 - 8.9 SP1/SP2, 8.93(Dep)

ApplicationAPIs_JAR.jar
ApplicationLogic_JAR.jar
Base_JAR.jar
BizLogicContainer_JAR.jar
BizLogicContainerClient_JAR.jar
BusinessLogicServices_JAR.jar
castor.jar
commons-codec.jar
commons-lang2.6.jar

Select the JDBC driver files required to access the database server. JDBC driver files are shipped with the database product. You might need to download the files from the server.

JDBC Libraries:*

C:\IB\JDEEdwards\Jars\ojdbc7.jar
C:\IB\JDEEdwards\Jars\tnsnames.ora

Add... Remove



< Back

Next >

Finish

Cancel

After clicking on next , Select Inbound option:

Adapter Style

Select the style of this adapter

 Inbound

Inbound adapters allow data to be passed from the EIS system to the Message Broker

 Outbound

Outbound adapters allow data to be passed from the Message Broker to the EIS system



< Back

Next >

Finish

Cancel

Provide JDE server info and click on next.

Configure Settings for Discovery Agent

Specify the properties to initialize the discovery agent.



Connection Configuration

JD Edwards system connection information

Environment:	JDV910
Role:	*ALL
User name:	JDE
Password:	*****

[Advanced >>](#) Specify the level of the logging desiredLog file output location: * C:\Users\UMAKORUKONDA\IBM\IIBT10\workspace_jde_flows\metadata\JD [Browse...](#)

Logging Level: ALL



< Back

Next >

Finish

Cancel

Select RTABOUT for polling the events for AddressBook.

New Message Model

Find and Discover Services

No discovered object is selected.

Query: Real-Time Events=true

Edit Query...

Execute Query

Objects discovered by query:

- Real-Time Events
- RTABOUT

Objects to be imported:

-

Add selected discovered objects to selected objects.



< Back

Next >

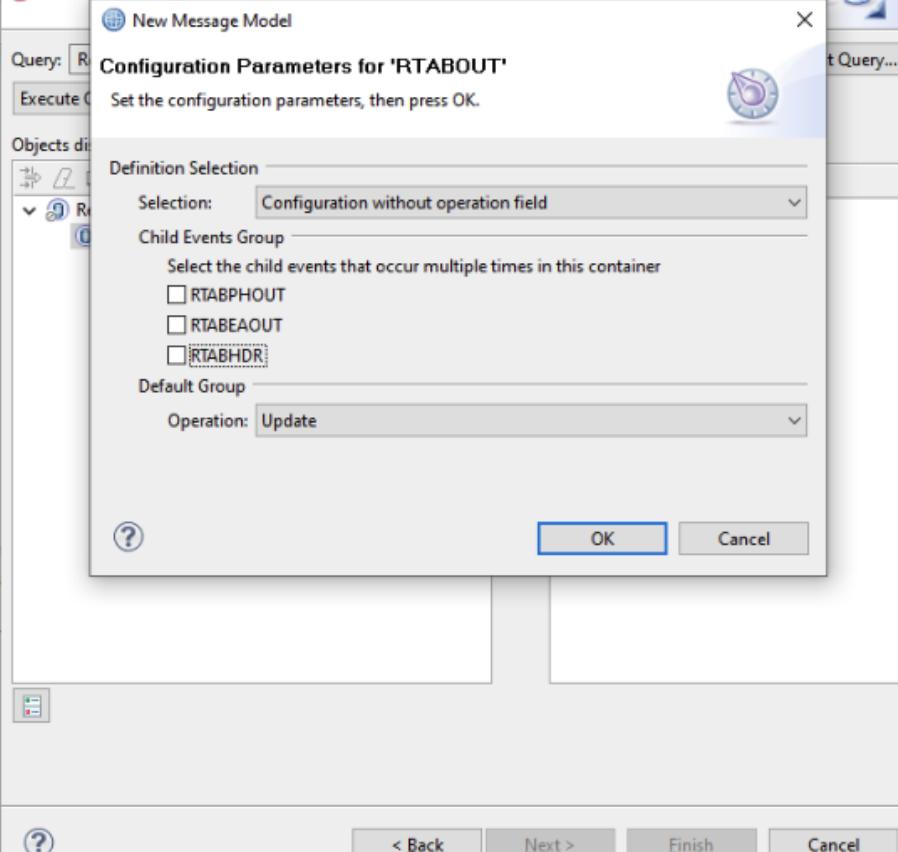
Finish

Cancel

New Message Model

Find and Discover Services

No discovered object is selected.



Configure Objects

Specify properties that apply to all selected objects.



Business object namespace*:



< Back

Next >

Finish

Cancel

Service Generation and Deployment Configuration

Specify properties for generating the service and running it on Broker

**Service Operations:**

To modify the names, or add a description to the operations to be generated in the interface file, click Edit Operations...

Edit Operations...**Deployment properties**

Specify the connection properties which will be used to connect to the Enterprise Information System at runtime:

Connection Properties**JDE Server Credentials**

Environment: JDV910

Role: *ALL

User name: JDE

Password: *****

Advanced >>

< Back

Next >

Finish

Cancel

Provide the folder name and adapter name as shown below:

New Message Model

Publishing Properties

Specify the properties for creating and running the J2C bean.



Properties for service

Container:	JDE_Inbound_Blog	New...
Folder:	JDE_Inbound_Blog	Browse...
Adapter component name:	JDE_AddressBook_Poll	
Namespace:	http://JDE_Inbound_Blog/JDE_Inbound_Blog/JDEInboundInterface	
<input checked="" type="checkbox"/> Use default namespace		
Description:		



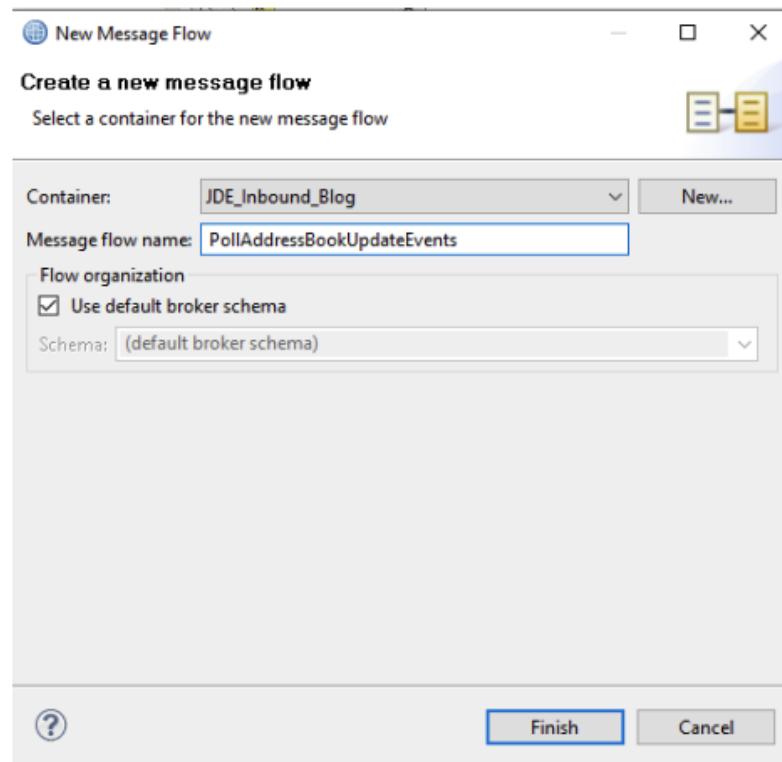
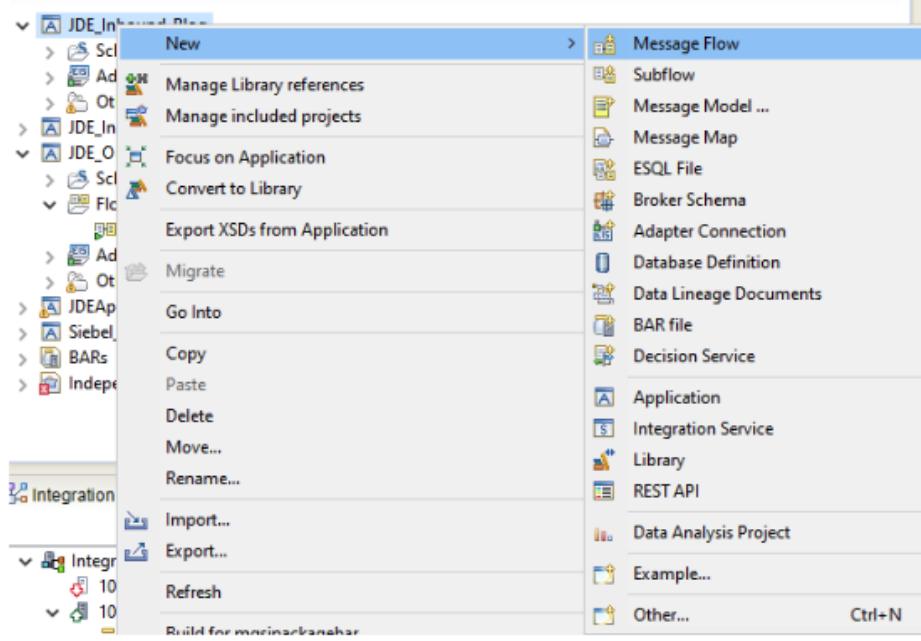
< Back

Next >

Finish

Cancel

Click on finish which creates a message model for WebSphere Inbound JD Edwards Adapter.
Now create a message flow containing JDE Input node and MQ Output Nodes.



WebSphere MQ

- MQInput
- MQOutput
- MQReply
- MQGet
- MQHeader
- MQOptimizedFlow...

MQTT

Kafka

JMS

HTTP

REST

Web Services

SCA

WebSphere Adapters

Routing

Graph User Defined Properties

Properties Problems Outline Tasks Deployment Log Progress

JDEdwards Input Node Properties - JDEdwards Input

Description * Primary adapter component: Value must be set.

Basic Primary adapter component [Browse...](#)

Routing Secondary adapter mode

Input Message Parsing

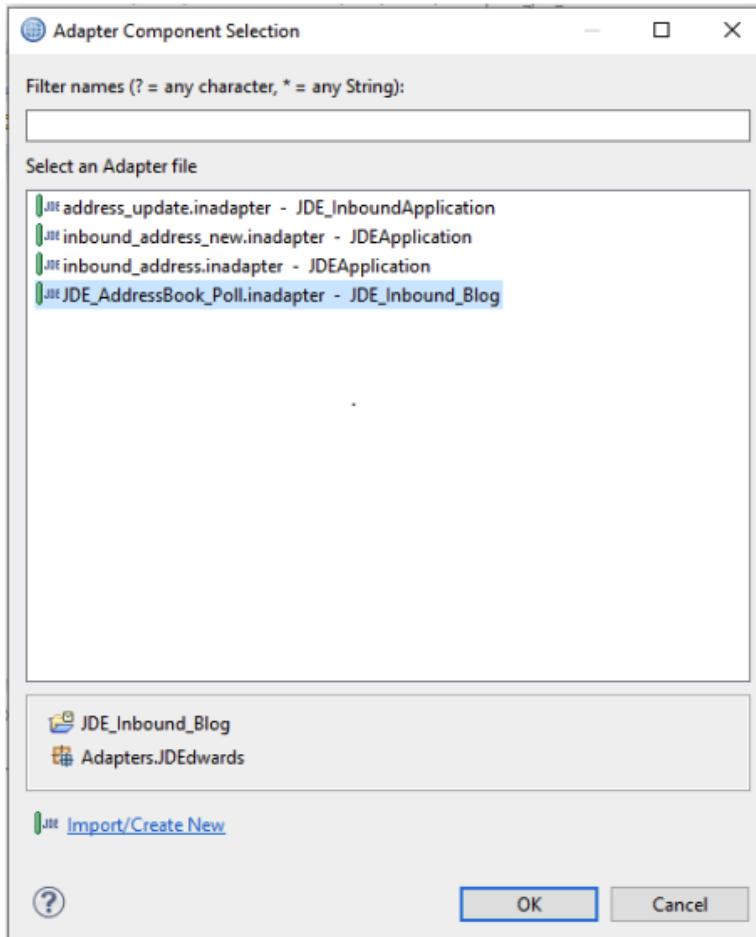
Transactionality

Instances

Retry

Monitoring

```
graph LR; JDEdwards[JD Edwards Input] --> MQOutput1[MQ Output1]; JDEdwards --> MQOutput[MQ Output]; JDEdwards --> MQOutput2[MQ Output2]
```



```

graph LR
    JDEdwardsInput[JDEdwards Input] --> MQOutput1[MQ Output1]
    JDEdwardsInput --> MQOutput[MQ Output]
    JDEdwardsInput --> MQOutput2[MQ Output2]

```

JDEdwards Input Node Properties - JDEdwards Input

Description	Message domain	DataObject : For data from WebSphere Adapters, CORBA and Database records
Basic	Message model	
Routing	Message	
Input Message Parsing	Physical format	
Transactionality		
Instances		
Retry		
Monitoring		

Create the local queues for the MQ Output nodes and provide the queue names in respective nodes accordingly.

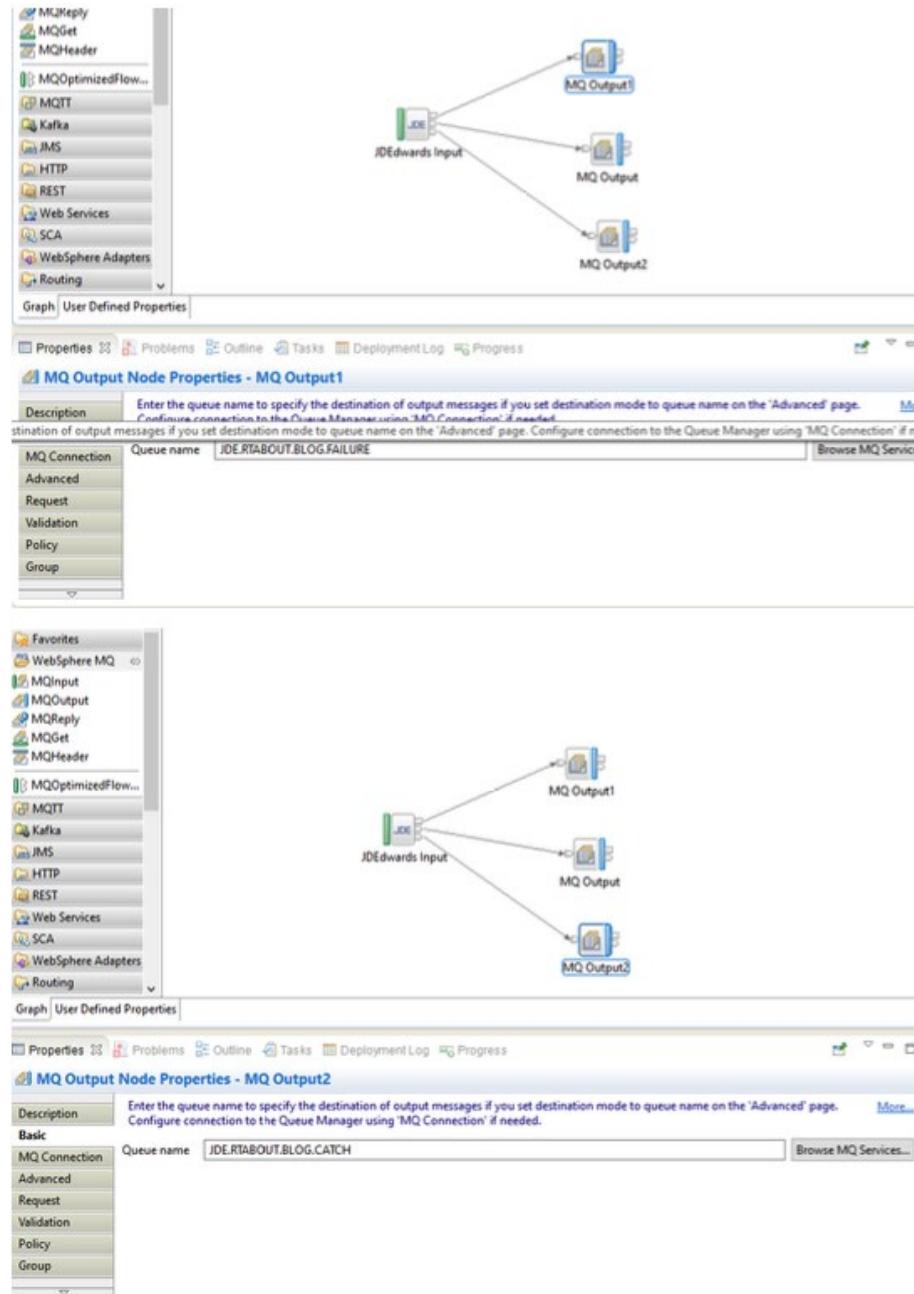
```

graph LR
    JDEdwardsInput[JDEdwards Input] --> MQOutput1[MQ Output1]
    JDEdwardsInput --> MQOutput[MQ Output]

```

MQ Output Node Properties - MQ Output

Description	Enter the queue name to specify the destination of output messages if you set destination mode to queue name on the 'Advanced' page. More	
Basic	Configure connection to the Queue Manager using 'MQ Connection' if needed.	
MQ Connection	Queue name	<input type="text" value="JDE.RTABOUT.BLOG.OUTPUT"/>
Advanced	Browse MQ Services...	
Request		
Validation		
Policy		
Group		



Now the Outbound and Inbound message flows are ready to be deployed to the IBM Integration Bus Node.

Execute the below commands, configure and check the JD Edwards jars to the IBM Integration Node.

And restart the Integration Node.

```
mqsicchangeproperties <integrationNodeName> -c EISProviders -o JDEdwards -n jarsURL -v <C:\IIB\JDEEdwards\Jars>
```

Now deploy outbound application to Integration Server and test the flow.

To test the outbound application, first create an address book record in the JD Edwards Enterprise One Server and send the below message to the input queue configured for MQ input node in the outbound application to update the address line for the record created above.

Input message sent to JDE.ADDRESS.INPUT input queue:

```
<ChangeAddressLine3><AddressBookMasterMBF><Actioncode>C</Actioncode><Cupdatemasterfile>1</Cupdatemasterfile>
<Mnaddressbooknumber>20168676</Mnaddressbooknumber><Szsearchtype>A</Szsearchtype><Szalphaname>UMAK1</Szalphaname>
<Szmailingname>UMAK1</Szmailingname><Szbusinessunit> A1</Szbusinessunit><Szaddressline1>modified_blog</Szaddressline1><Cpayablesynm>Y</Cpayablesynm>
</AddressBookMasterMBF></ChangeAddressLine3>
```

Check the JDE.ADDRESSBOOK.OUTPUT output queue and then login to the Webui and see if the record is updated.

Before the update:

The screenshot shows the JD Edwards WebUI interface. On the left, there's a sidebar with 'Execution application' and 'Recent reports'. The main area is titled 'Work With Addresses' with a search bar for 'Alpha Name' (UMAK1) and 'Search Type' (A). Below the search bar is a table titled 'レコード 1 - 1' (Record 1 - 1) with columns: Address Number, Alpha Name, Long Address, Industry Class, Sch Typ, and Tax ID. The table contains one row with Address Number 20168676 and Alpha Name UMAK1.

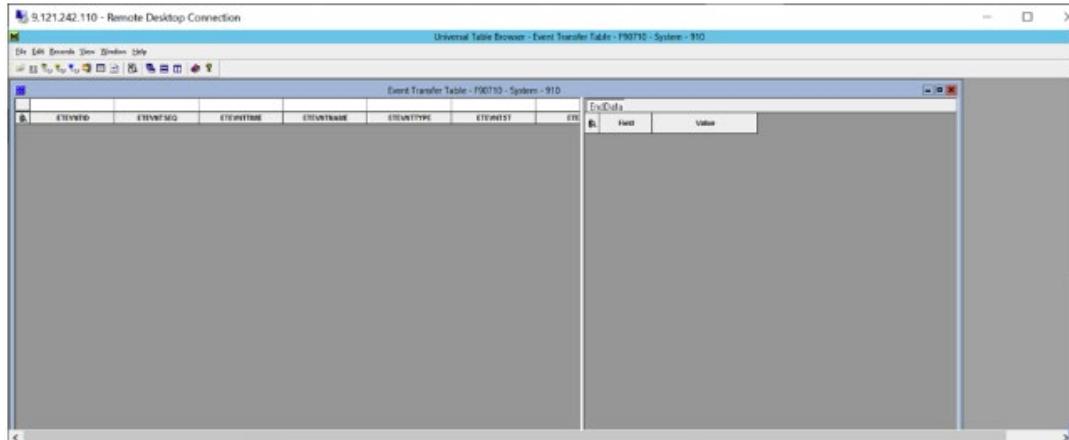
The screenshot shows the 'Address Book Revision' screen. At the top, there are tabs for 'Work With Addresses' and 'Address Book Revision', with 'Address Book Revision' being active. Below the tabs are standard file operations: フォーム(F), フィル(F), ツール(T). The main form has an 'Address Number' field containing '20168676'. Below it, the 'Address Book' tab is selected, showing fields for 'Mailing Name' (UMAK1), 'Secondary Mailing Name' (empty), 'Address Line 1' (modified_blog), 'Address Line 2' (empty), 'Address Line 3' (empty), 'Address Line 4' (empty), 'City' (empty), 'State' (dropdown menu), 'Postal Code' (empty), 'Country' (dropdown menu with 'デフォルト' selected), and 'County' (empty).

After the update:

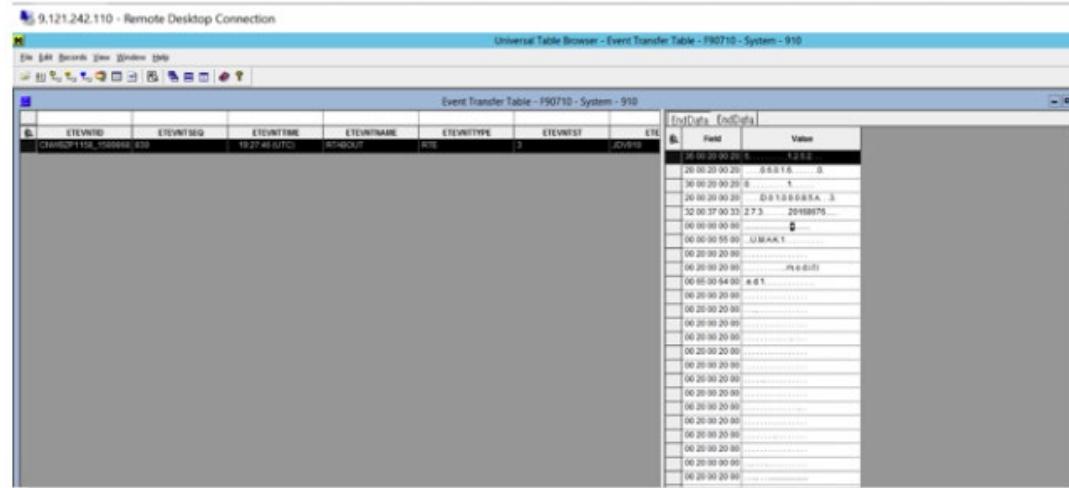
The screenshot shows the IBM MQ Explorer interface. The left pane displays the 'Queue Manager Navigator' with 'IBM MQ' selected, showing 'Queue Managers', 'Queue Manager Clusters', 'IMS Administrative Objects', 'Managed File Transfer', and 'Service Definition Replicators'. The right pane is titled 'MQ Explorer - Content' and shows a table titled 'Queues'. The table has columns: Queue name, Queue type, Open input count, Open output count, Current queue depth, Put messages, Get messages, Remote queue, and Status. The table lists numerous queues, many of which have 'Status' set to 'Allowed'.

The screenshot shows a 'Address Book Revision' screen. At the top, there are buttons for 'Work With Addresses' and 'Address Book Revision'. Below that is a toolbar with icons for save, cancel, form, back, forward, and tools. The main area has an 'Address Number' field containing '20168676'. Below this is a large form with tabs for 'Address Book', 'Mailing', 'Additional 1', 'Additional 2', 'Related Address', 'Cat Code 1 - 10', and 'Cat Code 11 - 30'. The 'Mailing' tab is active, showing fields for 'Mailing Name' (containing 'JMAKI'), 'Secondary Mailing Name', 'Address Line 1' (containing 'modified1'), 'City', 'Address Line 2', 'State', 'Address Line 3', 'Postal Code', 'Address Line 4', 'Country', and 'County'.

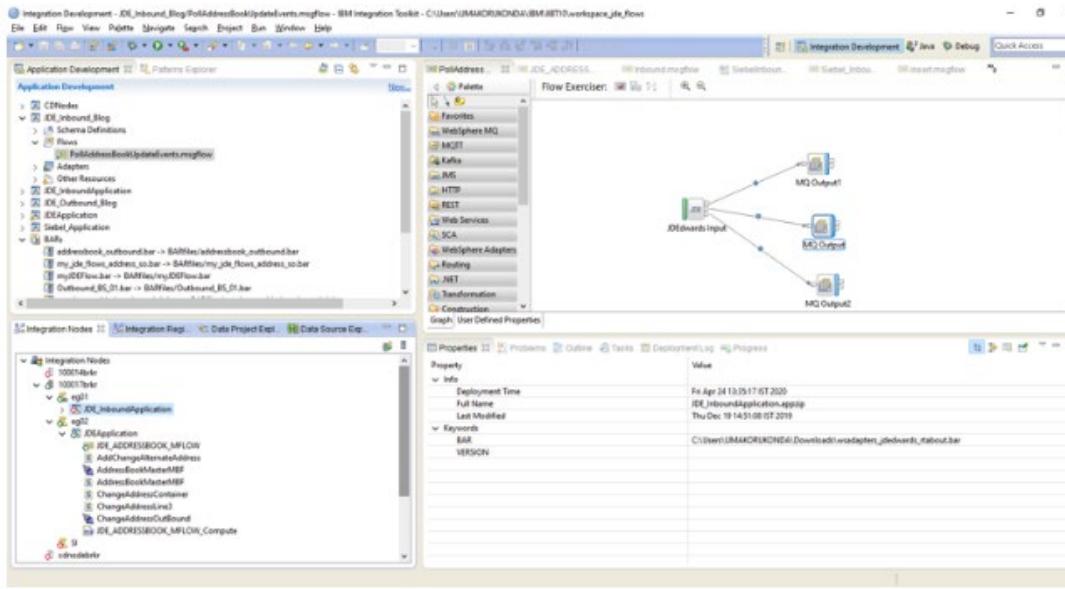
Now login to the machine where event table is and check if the record is present in the table or not.



After update:



Now deploy inbound application to another Integration Server in the same IBM Integration Bus Node.

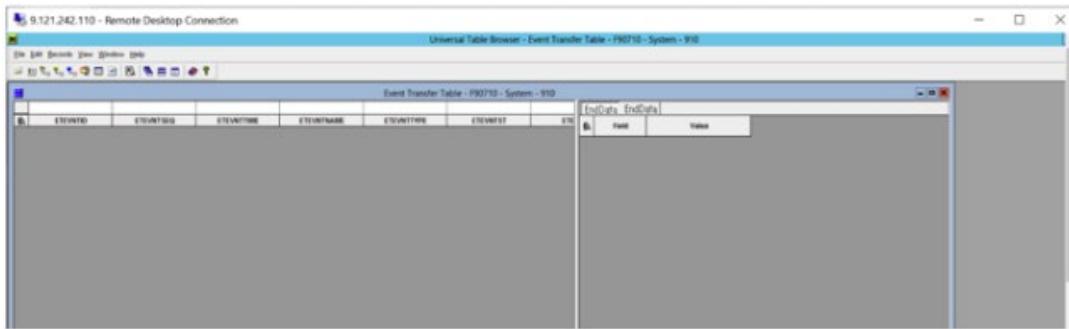


Check the JDE.RTABOUT.OUTPUT queue and it shows a message has come. This means that JDE Input node in the message flow has polled the updated record.

The screenshot shows the IBM MQ Explorer interface. The left sidebar shows the 'IBM MQ' section with 'Queue Managers' selected. The main window displays a table of queues under the heading 'Queues'. The table includes columns for 'Queue name', 'Queue type', 'Open input count', 'Open output count', 'Current queue depth', 'Put messages', 'Get messages', 'Remote queue', and 'Renew'. A single row is highlighted, corresponding to the 'JDE.RTABOUT.OUTPUT' queue, which has a current queue depth of 1 and both put and get messages allowed.

Queue name	Queue type	Open input count	Open output count	Current queue depth	Put messages	Get messages	Remote queue	Renew
JDE.RTABOUT.OUTPUT	Local	0	0	1	Allowed	Allowed		
JDE.RTABOUT.FAILURE	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.BLOG.INPUT	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.BLOG.OUTPUT	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.BLOG.CATCH	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.BLOG.FAILURE	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.BLOG.CATCH	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.BLOG.FAILURE	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.CATCH	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.FAILURE	Local	0	0	0	Allowed	Allowed		
JDE.RTABOUT.BLOG.OUTPUT	Local	0	0	1	Allowed	Allowed		
JDE.RTABOUT.OUTPUT	Local	0	0	0	Allowed	Allowed		
JDE.SALESORDER.CATCH	Local	0	0	0	Allowed	Allowed		
JDE.SALESORDER.FAILURE	Local	0	0	0	Allowed	Allowed		
JDE.SALESORDER.INPUT	Local	0	0	0	Allowed	Allowed		
JDE.SALESORDER.OUTPUT	Local	0	0	0	Allowed	Allowed		
seebel.Fail	Local	0	0	0	Allowed	Allowed		
seebel.JMS	Local	0	0	0	Allowed	Allowed		
seebel.XML	Local	0	0	0	Allowed	Allowed		
SIBEL_INBOUND_INBOUND.XML.FAILURE	Local	0	0	0	Allowed	Allowed		
SIBEL_INBOUND_INBOUND.XML.OUTPUT	Local	0	0	0	Allowed	Allowed		
SIBEL_INTHDELOCATE.XML.FAILURE	Local	0	0	0	Allowed	Allowed		
SIBEL_INTHDELOCATE.XML.INPUT	Local	0	0	0	Allowed	Allowed		
SIBEL_INTHDELOCATE.XML.OUTPUT	Local	0	0	0	Allowed	Allowed		
SIBEL_OUTBOUND_METHODLOC.XML.FAILURE	Local	0	0	0	Allowed	Allowed		

Now look in the event table and there will be no records.



Now we can read the data from the MQ Output node configured for the output terminal of the JDE input node and validate the data.

Reference Links:

JDEdwardsInput node:

https://www.ibm.com/support/knowledgecenter/en/SSMKHH_10.0.0/com.ibm.etools.mft.doc/bc22690_.htm

JDEdwardsRequest node:

https://www.ibm.com/support/knowledgecenter/SSMKHH_10.0.0/com.ibm.etools.mft.doc/bc22700_.html

WebSphere Configuration properties for JDEdwards:

https://www.ibm.com/support/knowledgecenter/SSMKHH_10.0.0/com.ibm.etools.mft.doc/bc22680_.html

[prajithat](#)