



Adeptia PeopleSoft Connector



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Introduction

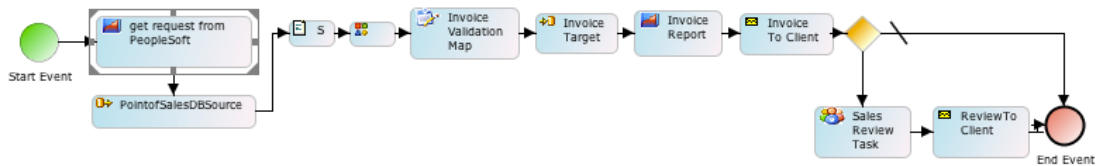
This documents explains some of the typical ways Adeptia connects to PeopleSoft. Refer to PeopleSoft and Adeptia documentation for further implementation guidance.

Connecting through Web Services

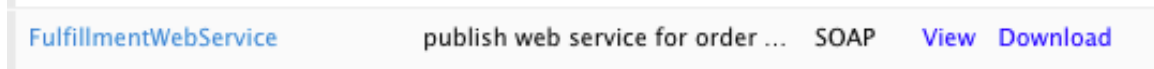
Setup a Consume Web Service in PeopleSoft's Integration Broker to consume a Web Service running in Adeptia.

PeopleSoft consumes a Web Service running in Adeptia

Step 1. In Adeptia design and configure a process flow that provides response based on the type of incoming request sent by PeopleSoft.



Step 2. Using the Provider capability in Adeptia publish this process flow into a Web Service.



Edit Web Service Provider: FulfillmentWebService

Standard Properties

Name:

Description:

Character Set Encoding: Refresh

Publish Type: SOAP REST

Upload WSDL:

Operation Name:

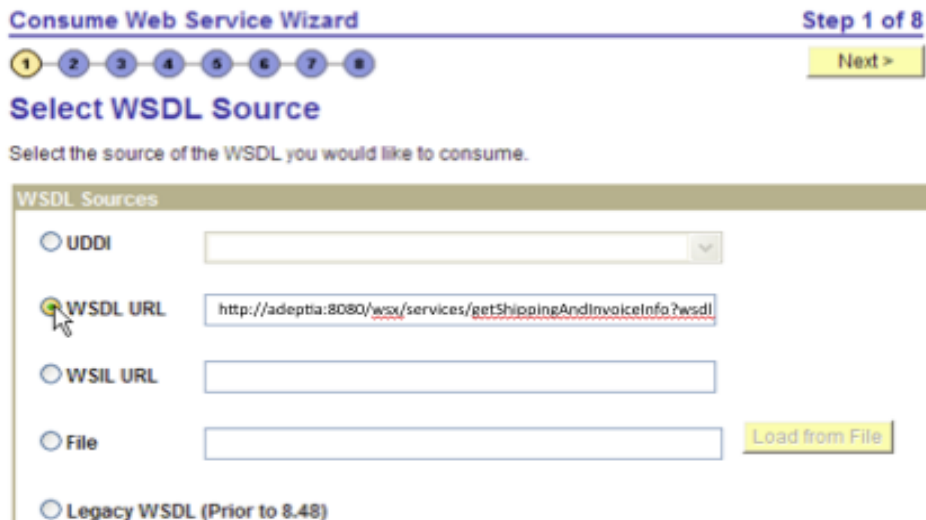
Request Service Name:

Service Location:

Enable SSL:

Select Port:

Step 3. In PeopleSoft, go to the Integration Broker to consume this Web Service.



Here paste the Adeptia Web Service URL and then go through the wizard to complete the configuration.

Adeptia consumes a Web Service running in PeopleSoft

Step 1: In PeopleSoft, go to Integration Broker and click on Provide Web Service option.

Main Menu > PeopleTools > Integration Broker >

Web Services

Export PeopleSoft services as WSDL documents. Import WSDL documents from external systems. Introspect other ERP systems to build and validate routings.

<p>Provide Web Service Export PeopleSoft services as WSDL documents.</p>	<p>Consume Web Service Consume Web Service</p>
<p>Deployment Validation Introspect other ERP systems to build and validate routings.</p>	<p>ERP Connectors Admin Configure access to ERP Connectors</p>

Select the Operation and create the Web Service definition.

Provide Web Service Wizard Step 2 of 4

1 — 2 — 3 — 4 < Previous Next >

Select Service Operations

Select one or more operations for each service.

Service: ADEMOSERVICE Description: Demo Service

Operations			
Service Operation	Description	Operation Type	Request Message
<input checked="" type="checkbox"/> ADEMOOP1.v1	Demo Service Operation	Asynchronous - One Way	ADEMOCONTAINER.v1
<input checked="" type="checkbox"/> Select All	<input type="checkbox"/> Clear All		

Service: ADEMOSERVICE

```
<?xml version="1.0"?>
<wsdl:definitions name="ADEMOSERVICE.1"
targetNamespace="http://xmlns.oracle.com/Enterprise/Tools/services/ADEMOSERVICE.1"
xmlns:ADEMOCONTAINER.v1="http://xmlns.oracle.com/Enterprise/Tools/schemas/ADEMOCONTAINER.v1"
xmlns:plnk="http://schemas.xmlsoap.org/ws/2003/05/partner-link"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:tns="http://xmlns.oracle.com/Enterprise/Tools/services/ADEMOSERVICE.1"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:wsp="http://schemas.xmlsoap.org/ws/2002/12/policy">
```

Here is an example of a Web Service published in PeopleSoft.

Step 2: Now in Adeptia, use the above Web Service URL or the WSDL to create a Web Service Consumer activity that can then be used in the process flow.



Specify web service definition location.

Name*

Description*

Character Set Encoding*

Consumer Type* SOAP REST

Web Service Definition Location* UDDI URI

URI Location HTTP Local/LAN

WSDL URL (HTTP URL)*



Connecting through JDBC database connection

Adeptia connects to PeopleSoft Database using JDBC connection

PeopleSoft data tables can be used as a source repository of an integration flow in Adeptia process flow and integrate them into another system such as external Web Services, Data warehouses, CRMs etc.

Here's an example of setting a Database connection in Adeptia.

Edit Database Info: Accounts

Standard Properties

Name*

Description*

Select JDBC Driver*

Server URL*

Once the database connection is created, it can then be used in creation of Database Schemas, Mappings and in the Process Flows.

Here's an example of introspection during Database Scheme creation in Adeptia. In Database Schema screen shown below, the Adeptia application uses the database



Connection to connect to PeopleSoft database and allows Users to select the tables they need for data extraction.

Adeptia can also execute Stored Procedures in the PeopleSoft database.

The screenshot shows a configuration window for a database connection. The 'Name' field is 'PointofSalesDatabaseSchema' and the 'Description' is 'schema definition for Point of Sales Db'. The 'Database Info' dropdown is set to 'ConnectToSalesDatabase'. Under 'Definition Mode', 'Use Database Table' is selected. The 'XSD File' field shows 'No file chosen'. Below this, there is an 'Add Root Table' button and a table of queries:

Query	PK's	Buttons
SELECT purchase_order_id,itemn	:purchase_order_id	Remove Add Child Table
SELECT purchase_order_id,count	purchase_order_id~purchase_order_id	Remove Add Child Table
SELECT purchase_order_id,count	purchase_order_id~purchase_order_id	Remove Add Child Table

Refer to the Adeptia Developer Guide on how to use the database connection in creating activities such as Database Sources, Targets, Schemas, Mappings and using them in a Process Flow.

Connecting through Java Extensions

Adeptia connects to PeopleSoft using Java Extensions Service

Adeptia provides Extensions service that allows the application to integrate and invoke PeopleSoft components using Java plugins. Using the PeopleSoft development environment developers can write the business logic in Java. These Java programs can then be called from Adeptia through the Extensions service.

Here's an example of calling a Java program in Adeptia's Extensions Service.



Custom Plugin: EvalScript_ScriptedService
JAVASCRIPT EXPERIENCE

Name* EvalScript_ScriptedService

Description* Scripted Service to Concatenate Employee Records

Character Set Encoding* ISO-8859-1

#	Name	Type	Default Value
1		Plain Text	
2		Plain Text	
3		Plain Text	
4		Plain Text	

Variables

Number of Rows at Position

```
import com.adeptia.indigo.services;  
import java.io.InputStream;  
import java.util.zip.ZipEntry;  
import java.util.zip.ZipFile;  
import java.util.zip.ZipInputStream;  
import java.io.BufferedInputStream;  
  
byte[] data=new byte[1];
```

Refer to the Adeptia Developer Guide on how to execute Java programs using Extensions.