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.
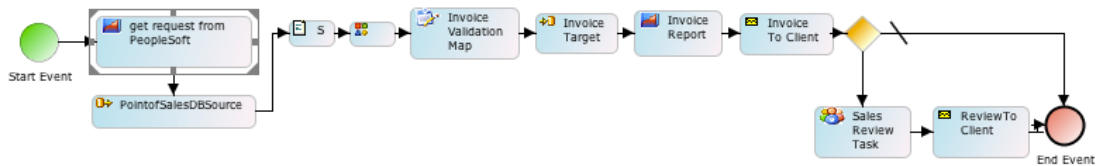
Step 2. Using the Provider capability in Adeptia publish this process flow into a Web Service.
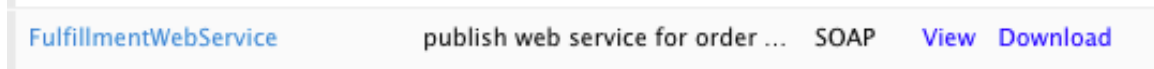
Step 3. In PeopleSoft, go to the Integration Broker to consume this Web Service.
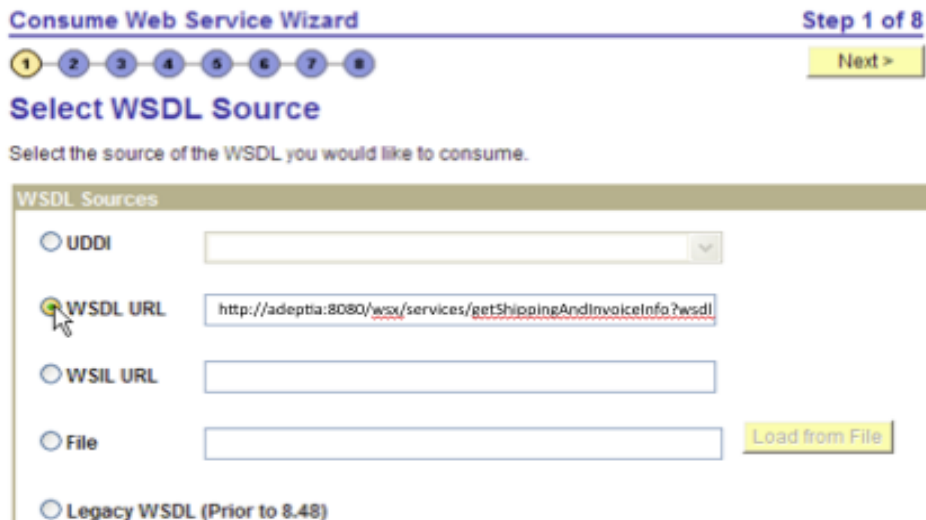
Here paste the Adeptia Web Service URL and then go through the wizard to complete the configuration.

Adeptia consumes a Web Service running in PeopleSoft

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

Select the Operation and create the Web Service definition.

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*	PeopleSoft_DemoService
Description*	connect to PeopleSoft Web Service
Character Set Encoding*	ISO-8859-1
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*	PeopleSoft_Datatables
Description*	JDBC connection to PeopleSoft Data tables
Select JDBC Driver*	Oracle_DBDriver ◆ [Create New]
Server URL*	jdbc:oracle:thin:@host:1521:accounts [Help...]

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.

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

Standard Properties

Name* `EvalScript_ScriptedService`

Description* `Scripted Service to Concatenate Employee Records`

Character Set Encoding* `ISO-8859-1`

Variables

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

Number of Rows `1` at Position `5` [Add Row] [Remove Row]

[Hide Script]

```
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.