SOA Build Composite

Demo

Heba Owis

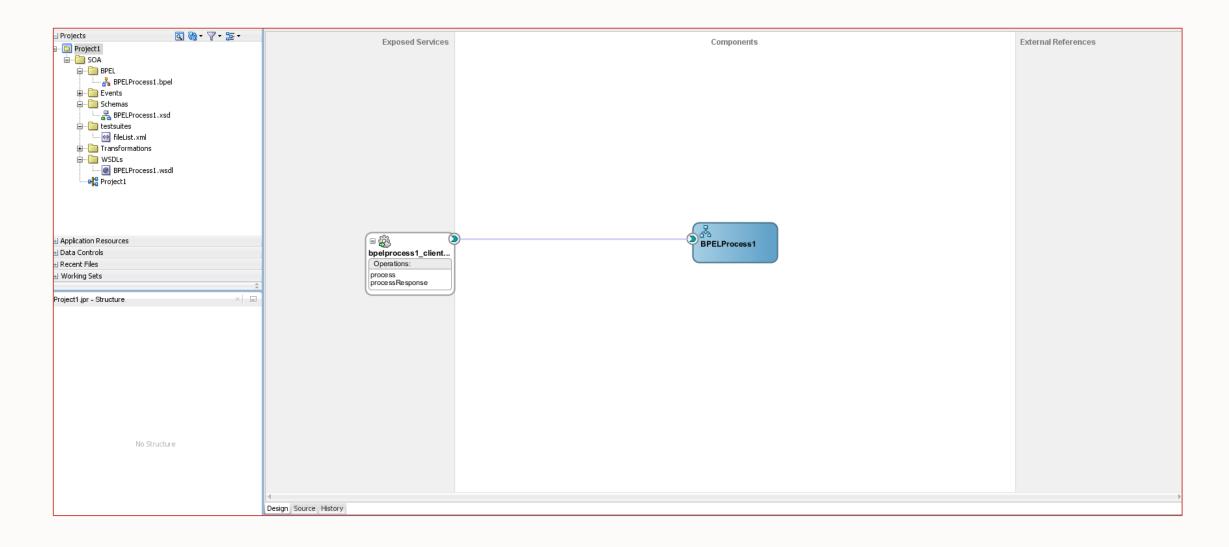
26 May 2024

Agenda

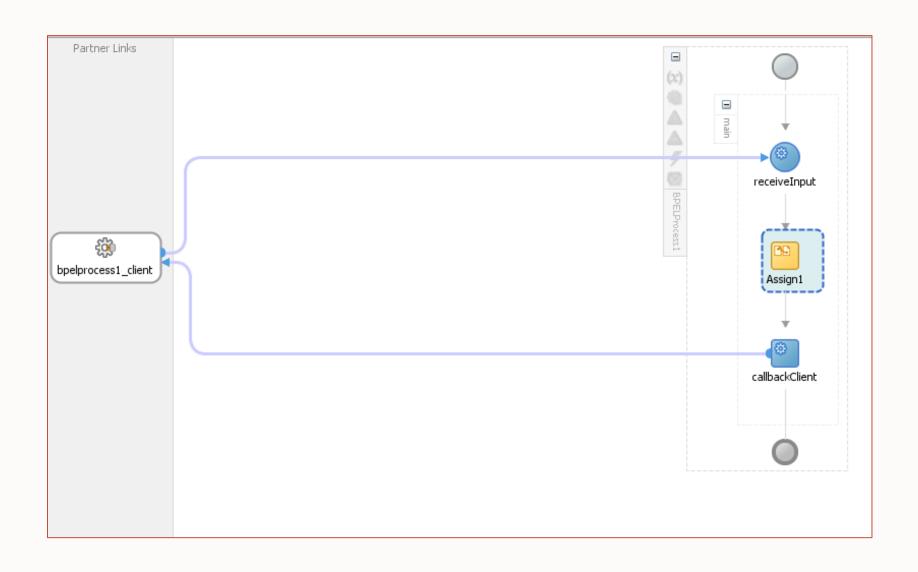
- 1. Development of "Hello World" SOA Composite
- 2. Deployment of SOA Composite



HelloWorld Composite Application

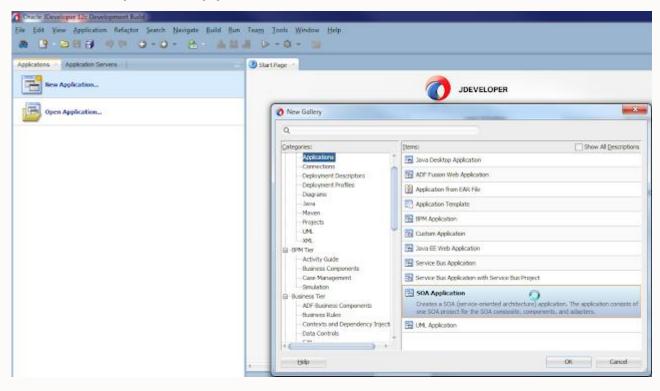


HelloWorld Composite Application

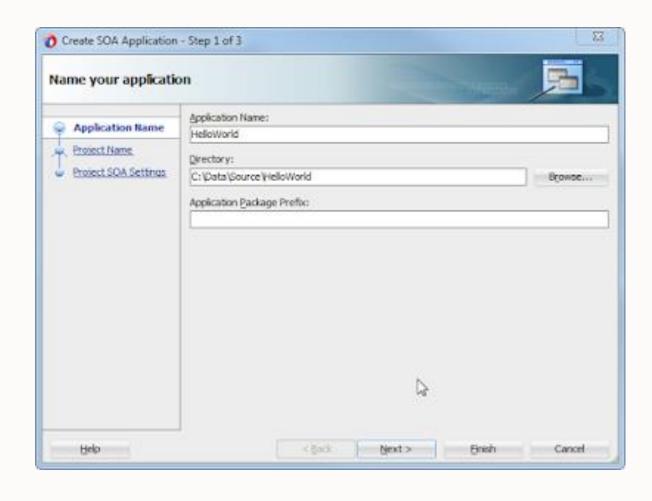


Create SOA Application

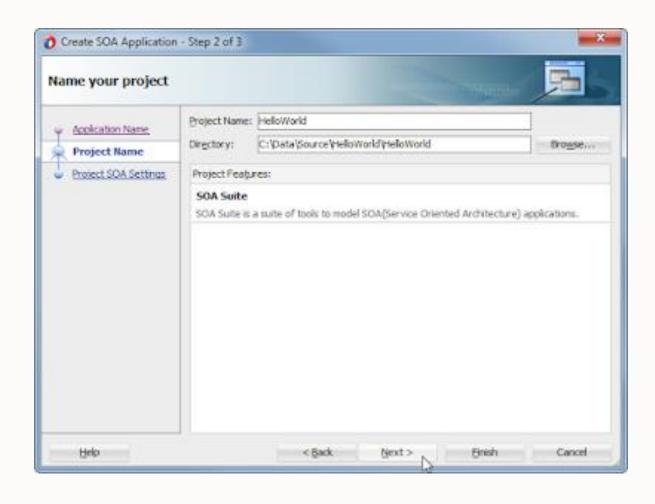
After having JDeveloper started, click on the 'New Application' link, top right. You can also use the New icon (+) or the File->New menu, option Application



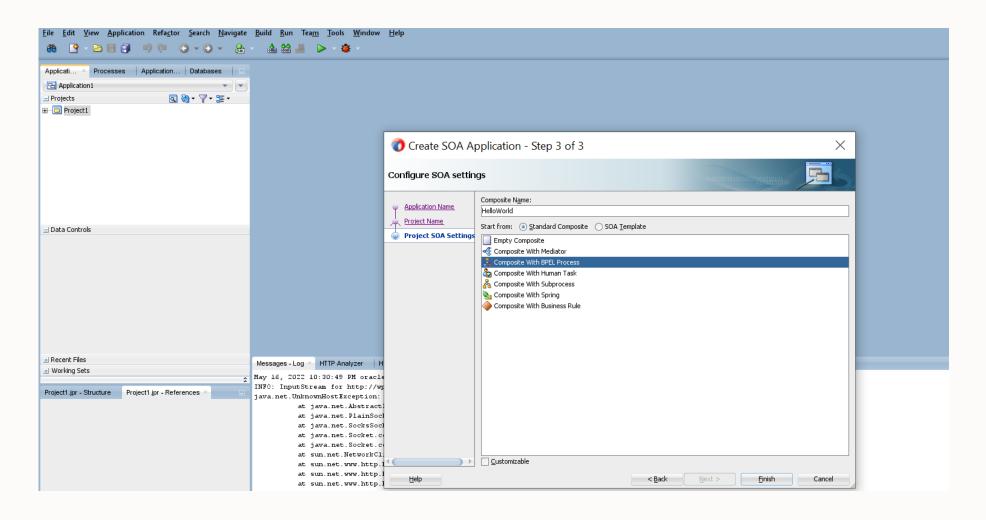
SOA Application



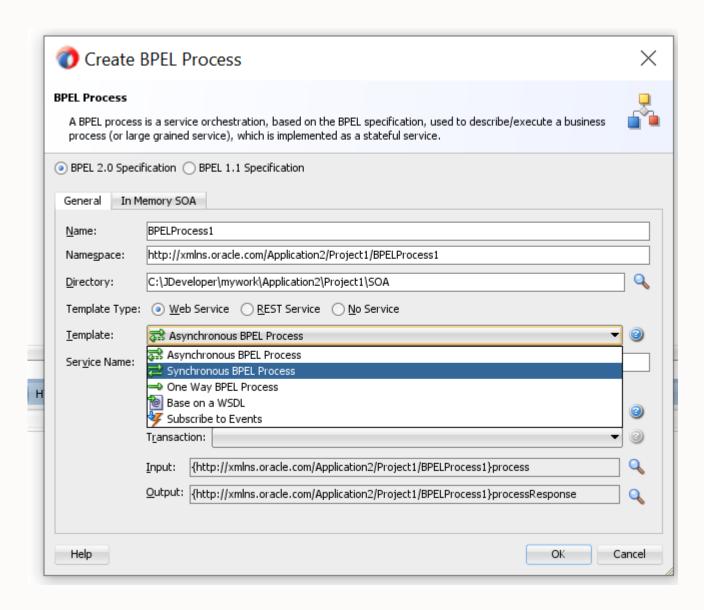
SOA Project



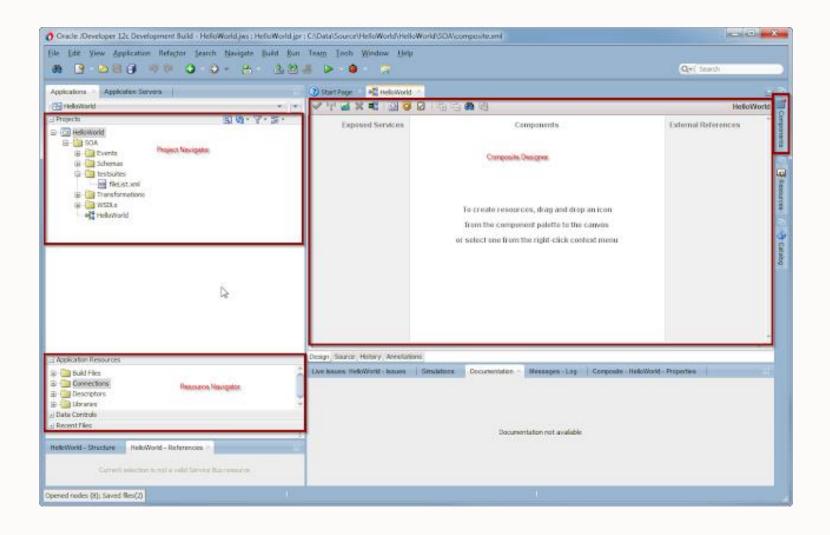
BPEL Process



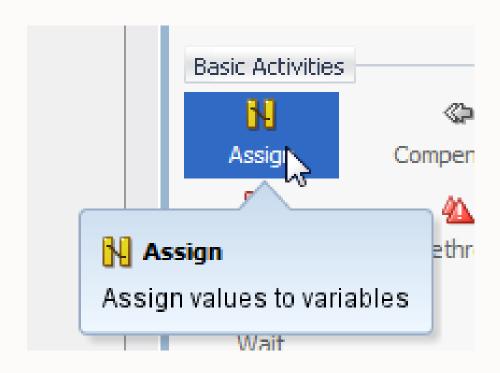
Create BPEL



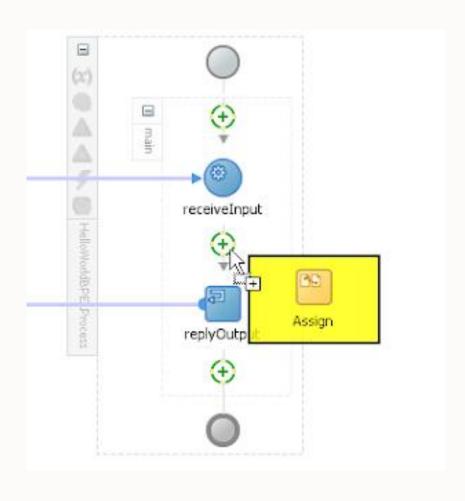
JDeveloper Environment



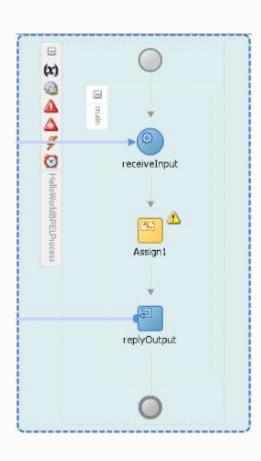
Select Assign Activity



Drag Assign Activity



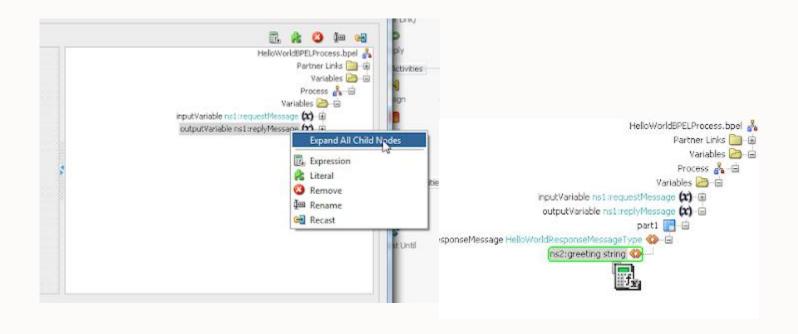
Drop Assign



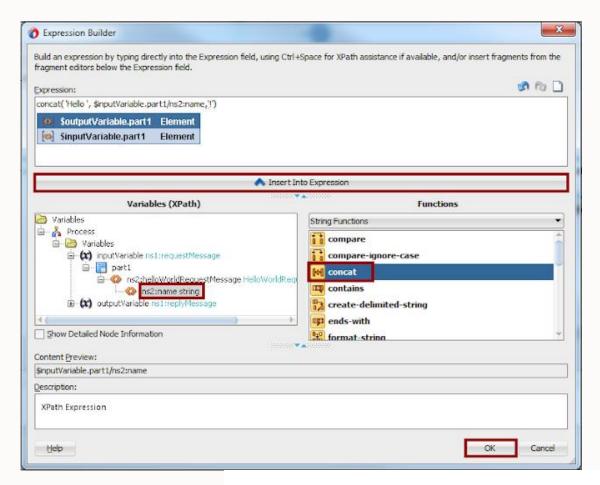
Edit Assign



Expand All Child

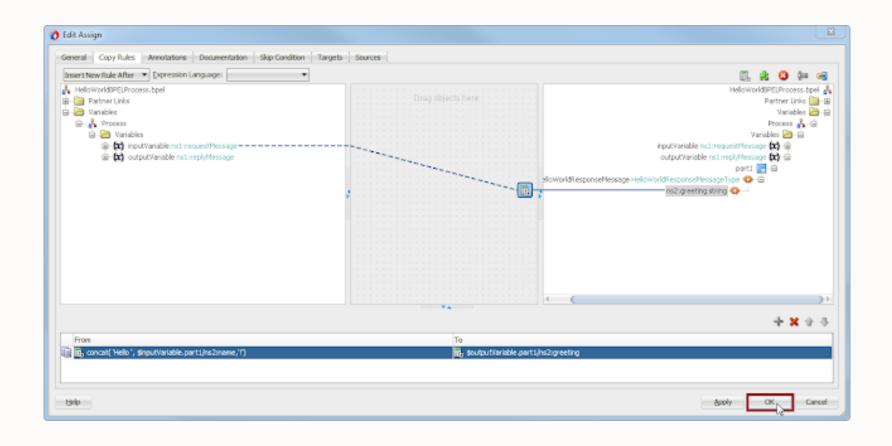


Xpath Expression

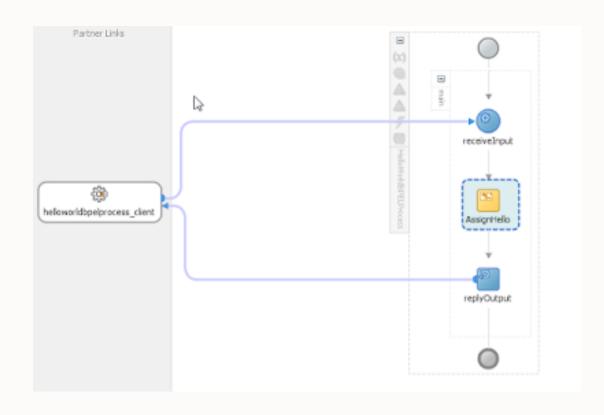


1 | concat('Hello ', \$inputVariable.part1/ns2:name,'!')

Assign Result

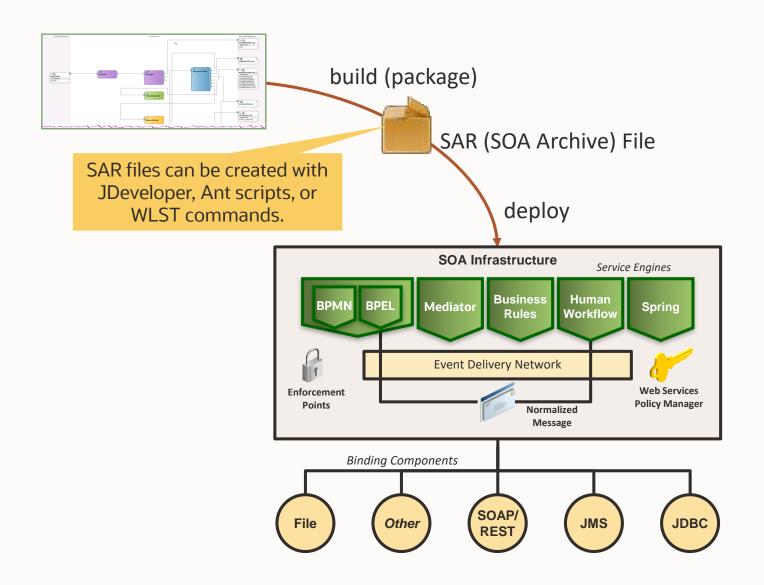


BPEL Process result

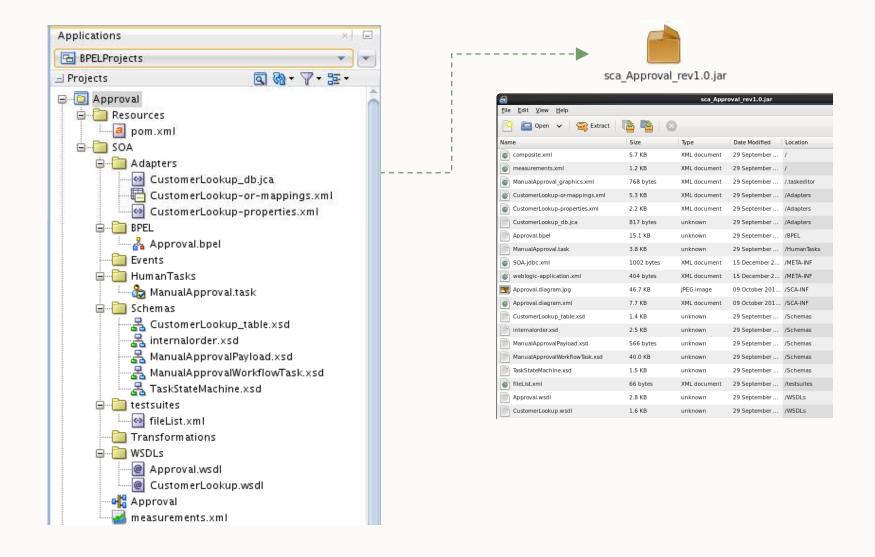




Packaging and Deploying a Composite Application

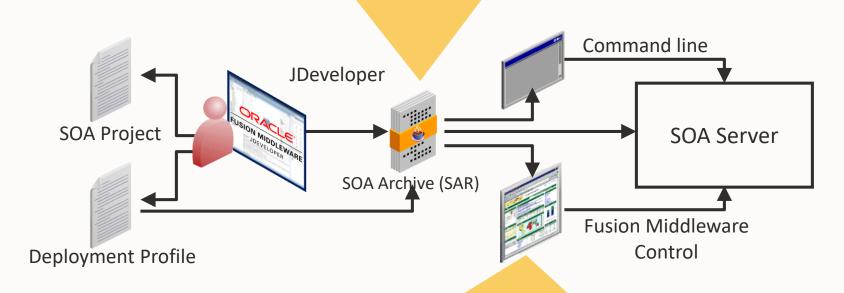


Building a Service Archive



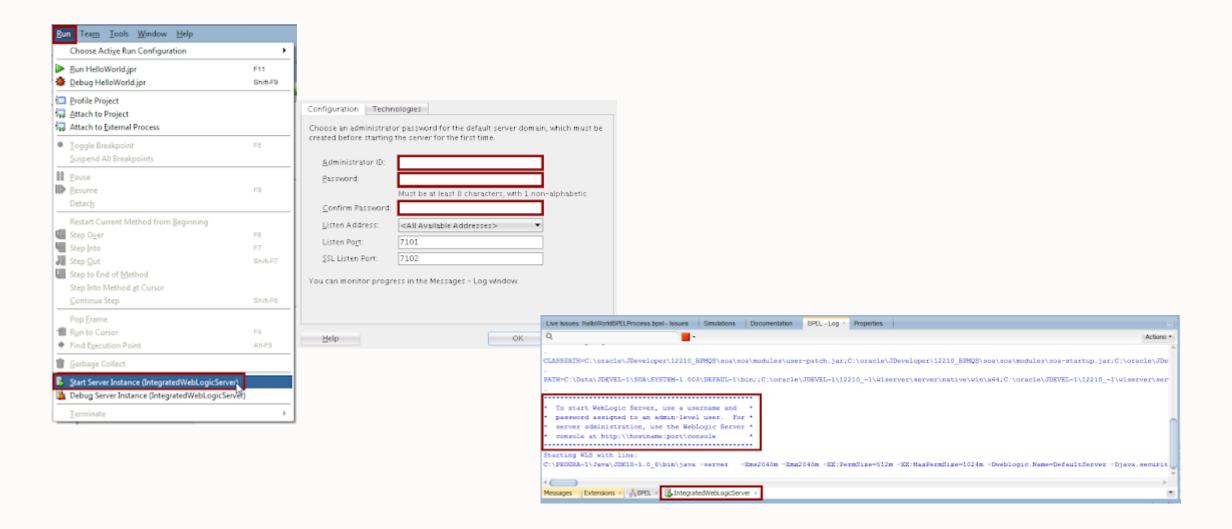
Deploying a Composite Application

The application is deployed as a SOA Archive (SAR file) that includes all service components in a single application package.

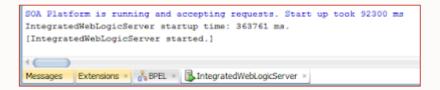


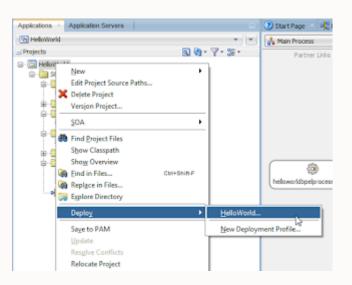
The application can be deployed by using JDeveloper, Enterprise Manager, or command-line tools such as Ant and WLST.

Start Local Server

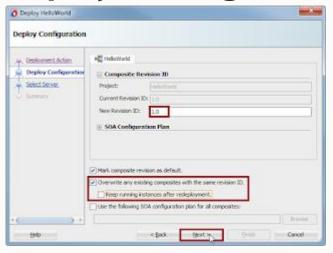


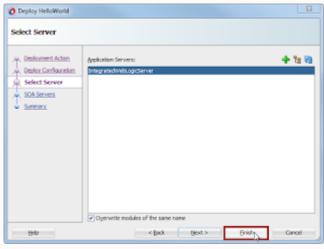
Deploy to Server

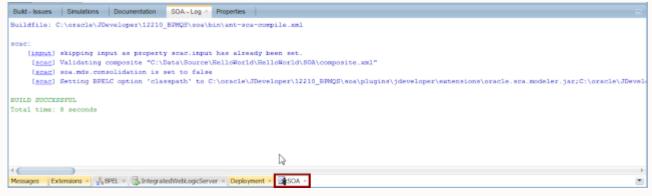




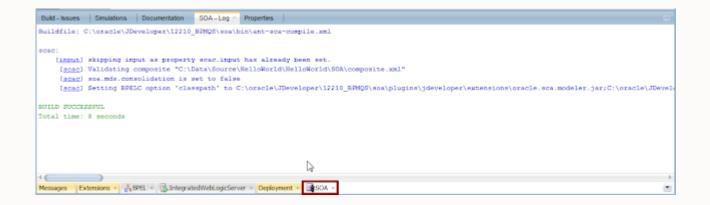
Deploy to Integrated Server

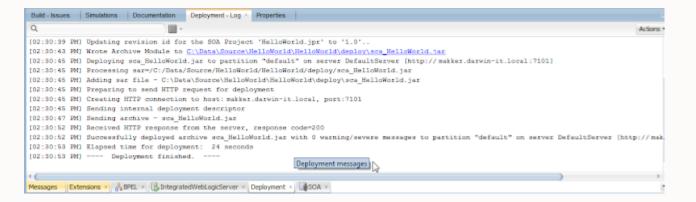






Verify Deployment



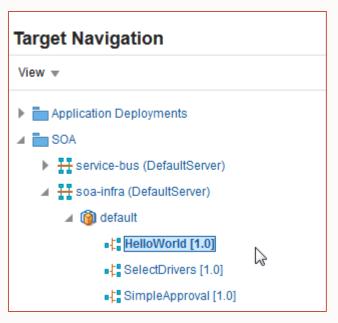


EM

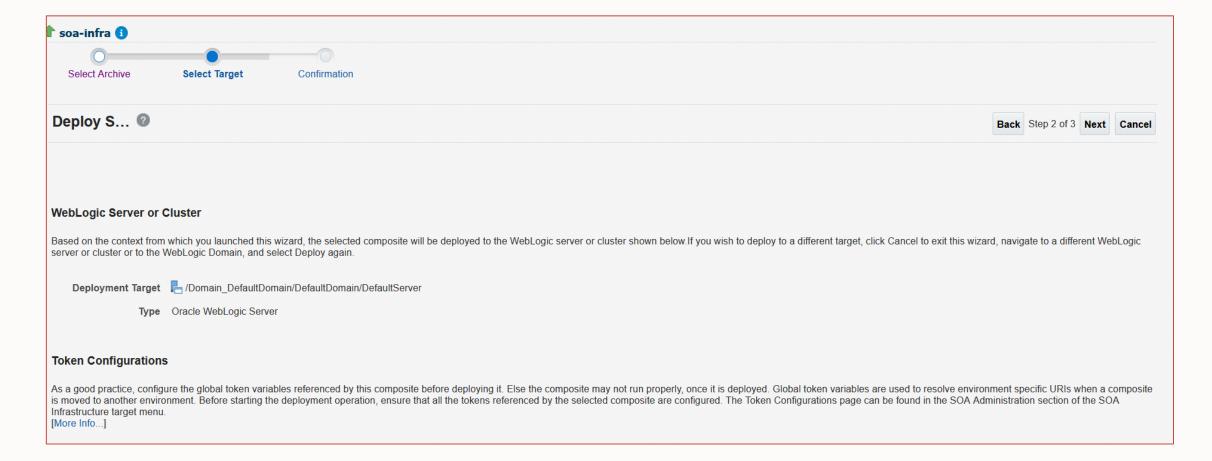


Navigation

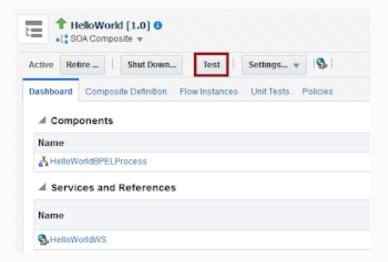


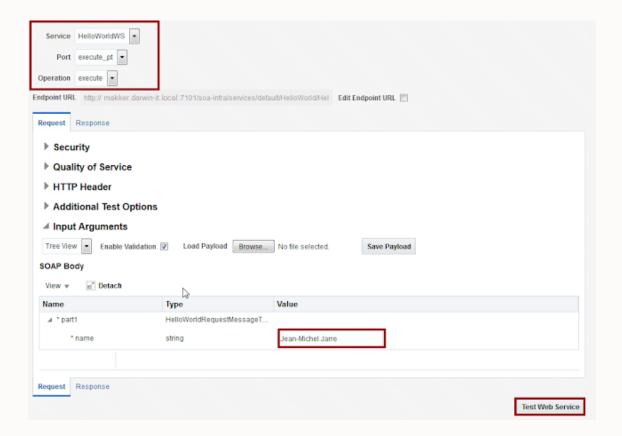


Deploy SAR from EM

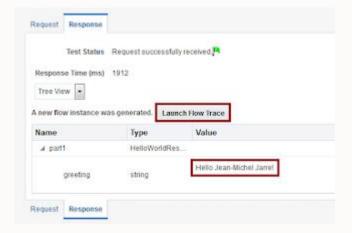


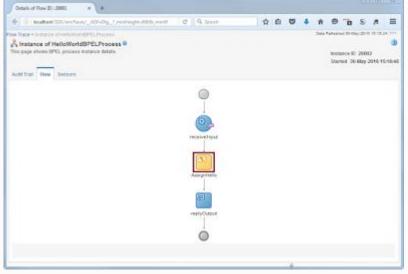
Test

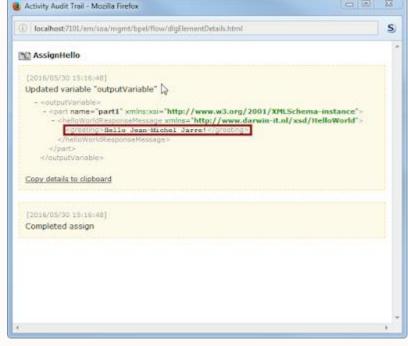




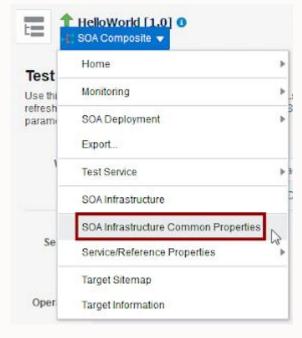
Result

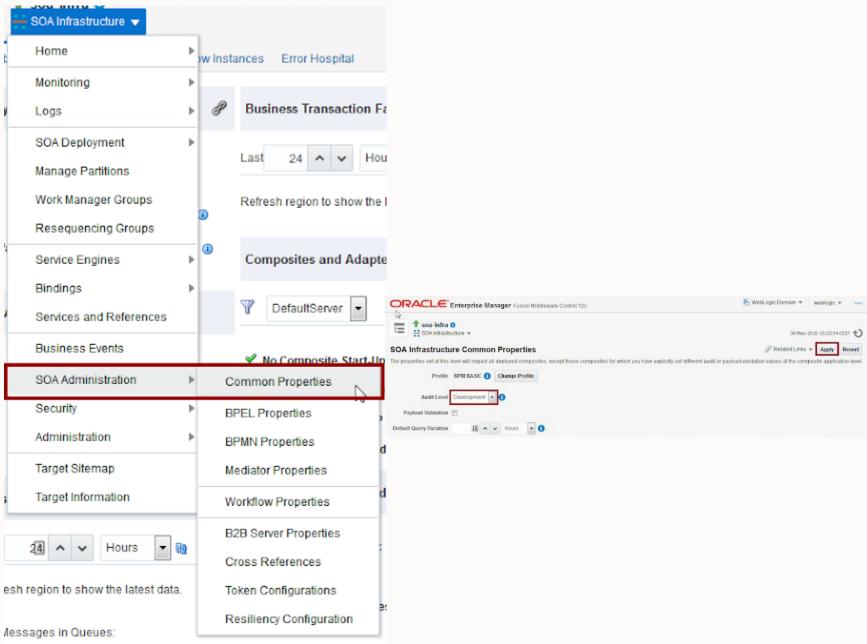




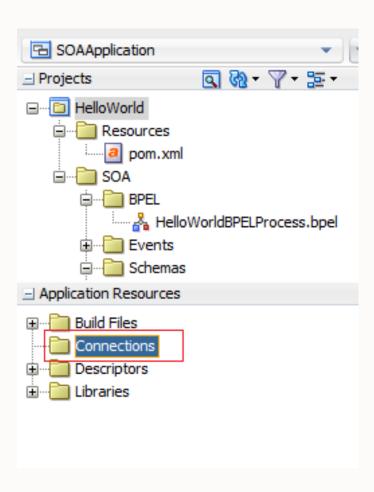


Auditing

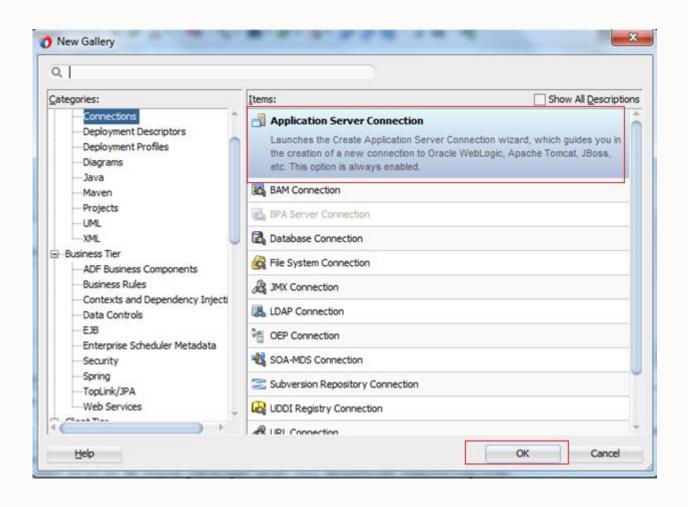




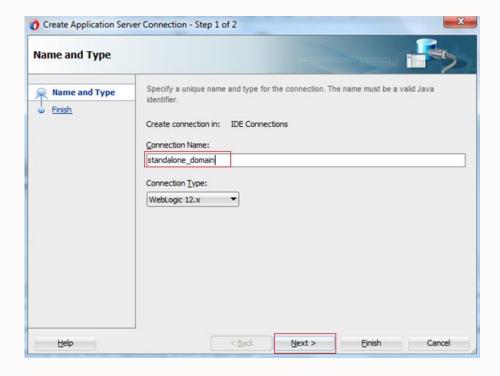
Create the "Application Server" connection

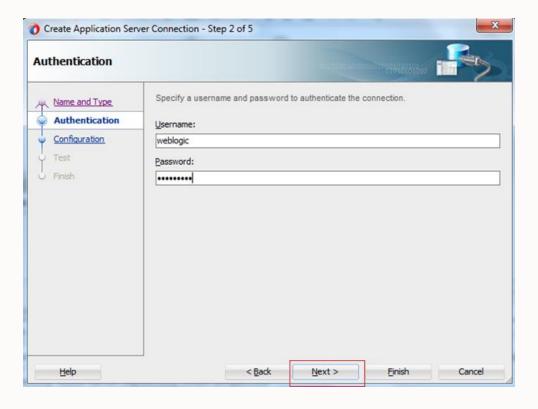


Application Server Connection

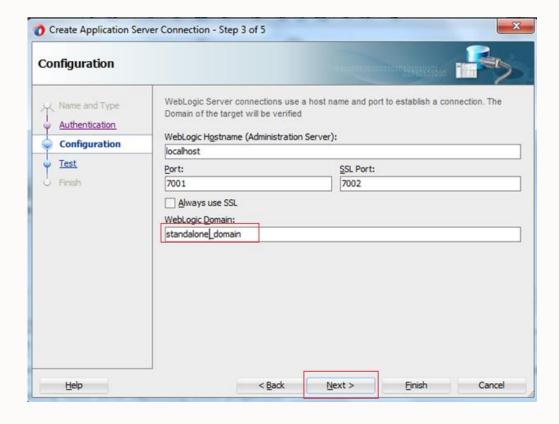


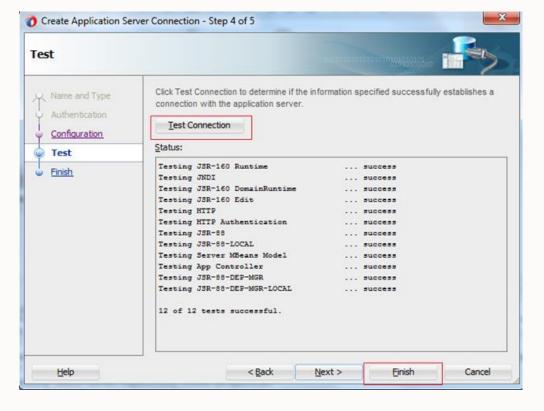
Standalone Domain





Standalone Domain





Deploy to Standalone

