

JDeveloper Tutorial

Step 1: download JDeveloper from:

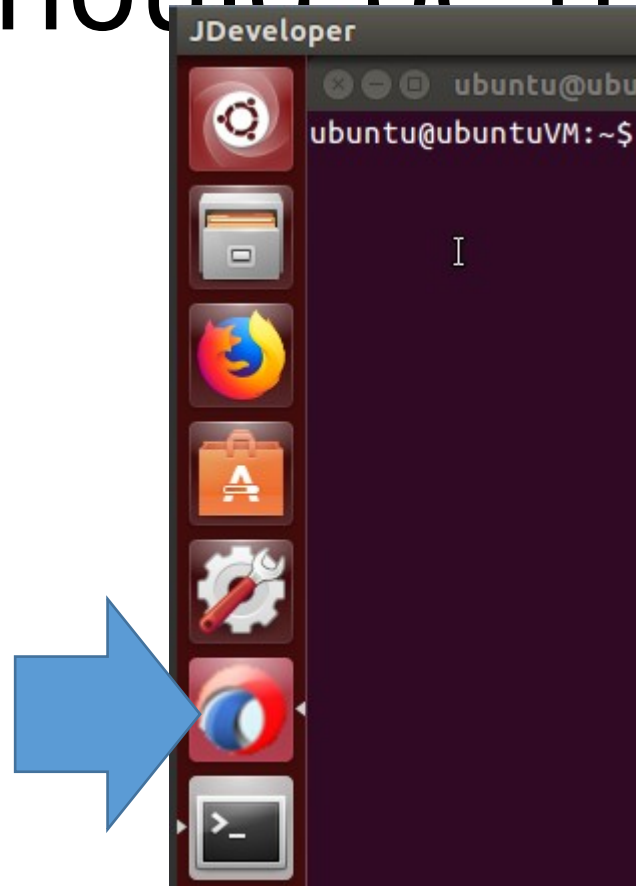
<http://www.oracle.com/technology/software/products/jdev/index.html>

Step 2: Follow this tutorial. The tutorial is based on

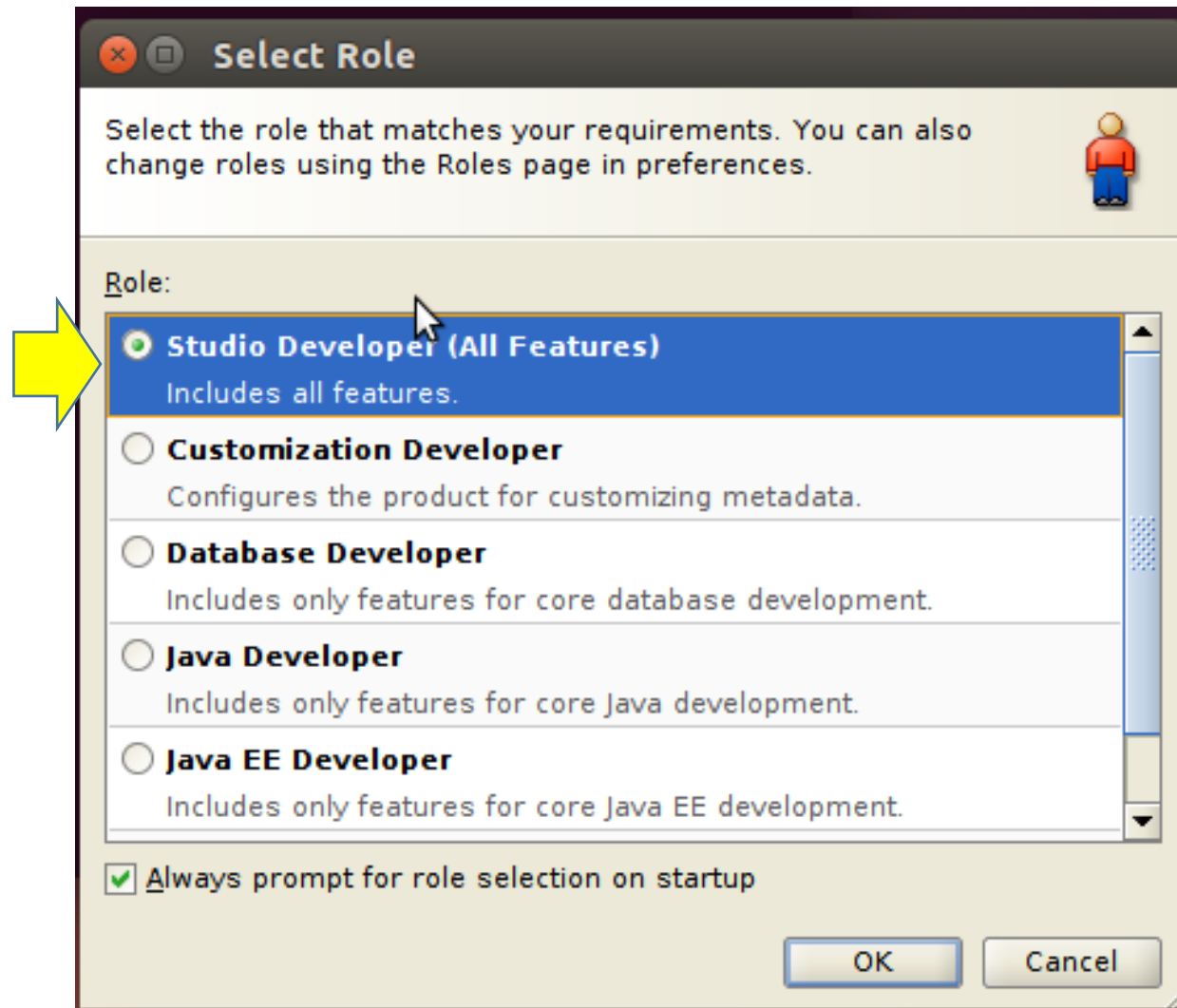
Creating a SOA Composite Application with Oracle JDeveloper 12c

<https://www.oracle.com/webfolder/technetwork/tutorials/obe/cloud/sscs/CreatingSOAComposite/creating-a-soa-composite-app.html>

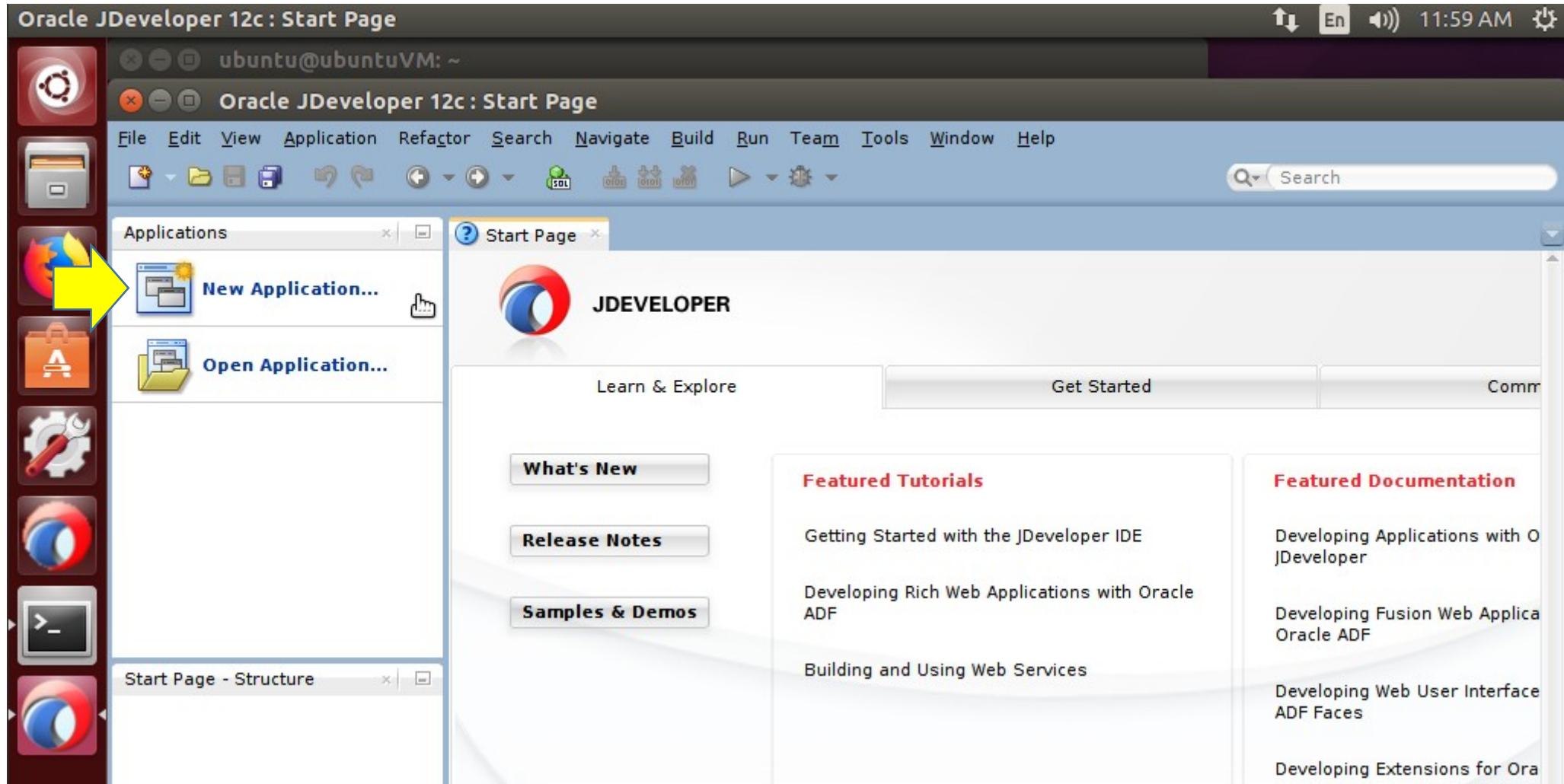
You can install JDeveloper on Linux or on Windows. I tested it on Ubuntu. After you started JDeveloper, the interface should be the same.



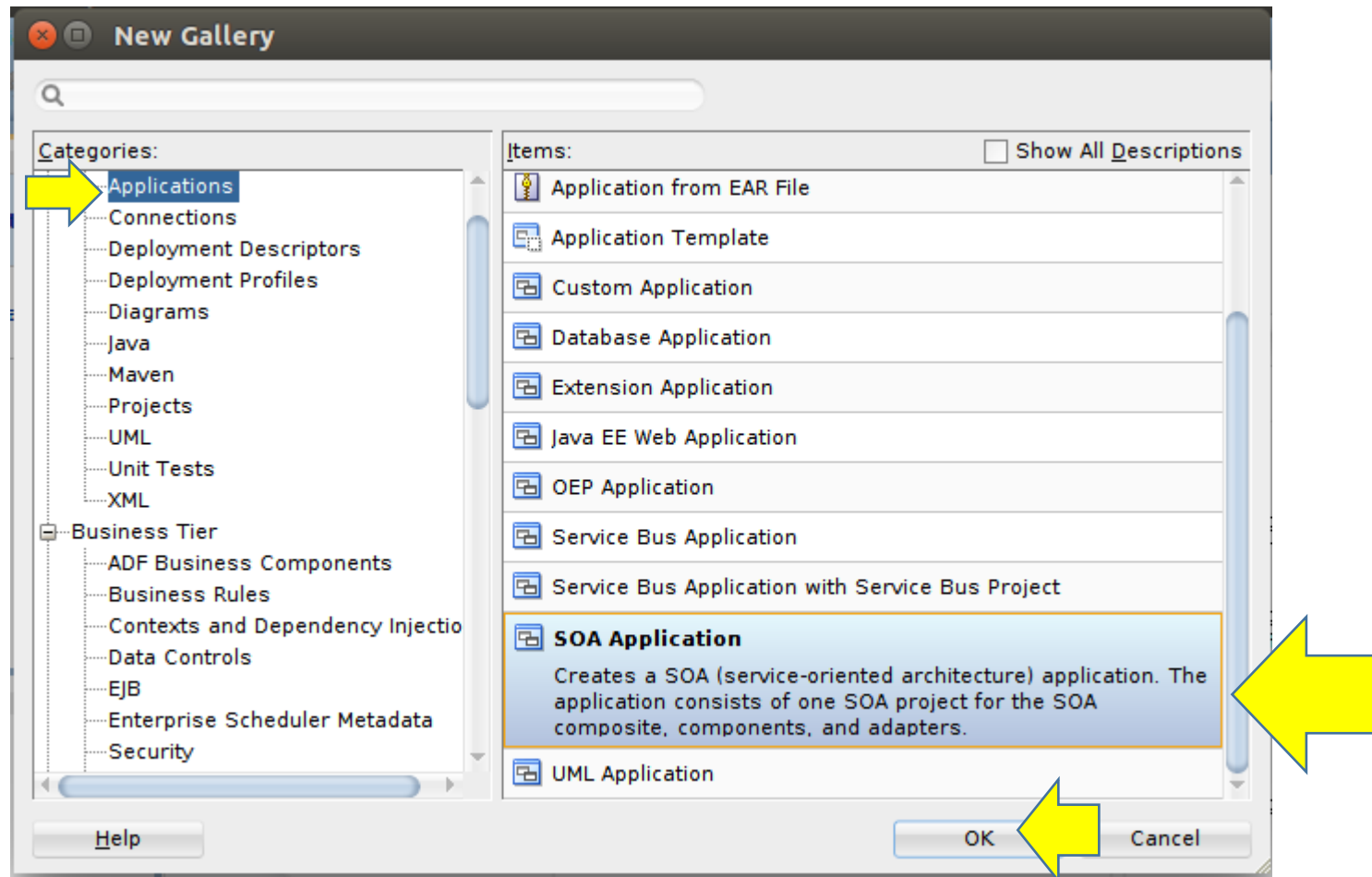
Start JDeveloper ...



Start a New Application



Select Application Template



Choose a Name

Create SOA Application - Step 1 of 3

Name your application

Application Name: Application1

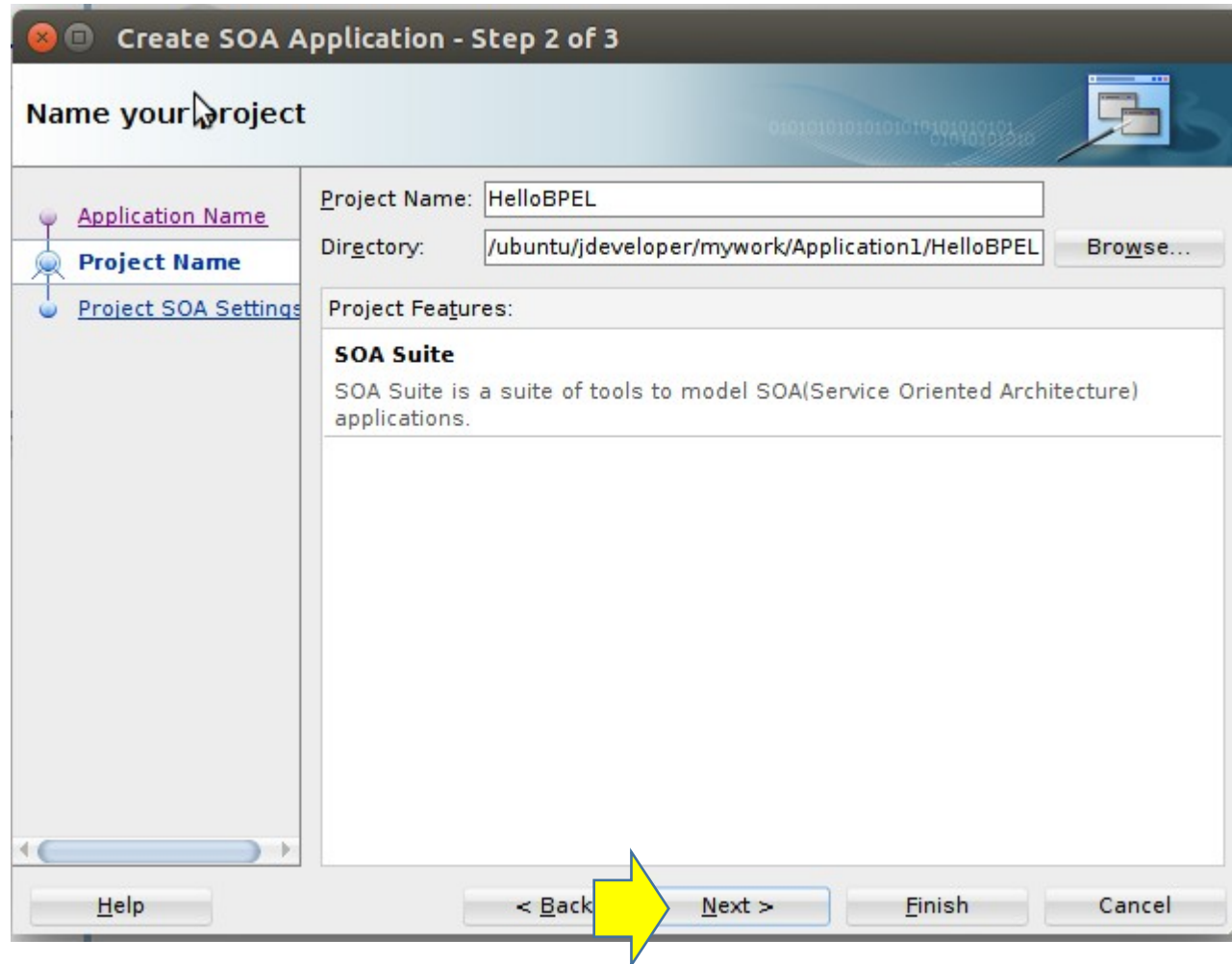
Directory: /home/ubuntu/jdeveloper/mywork/Application1 [Browse...](#)

Application Package Prefix:

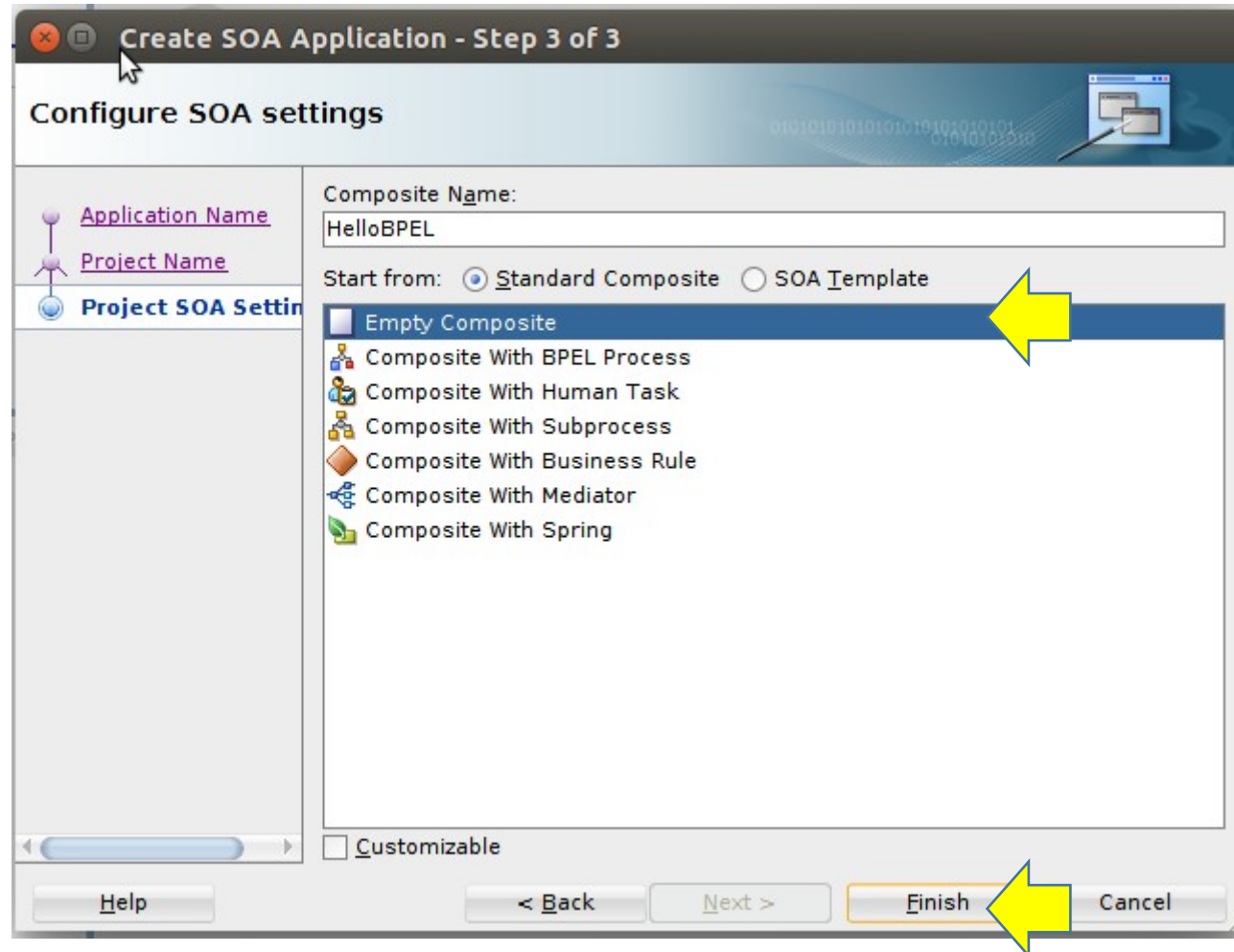
< Back **Next >** Finish Cancel

Help

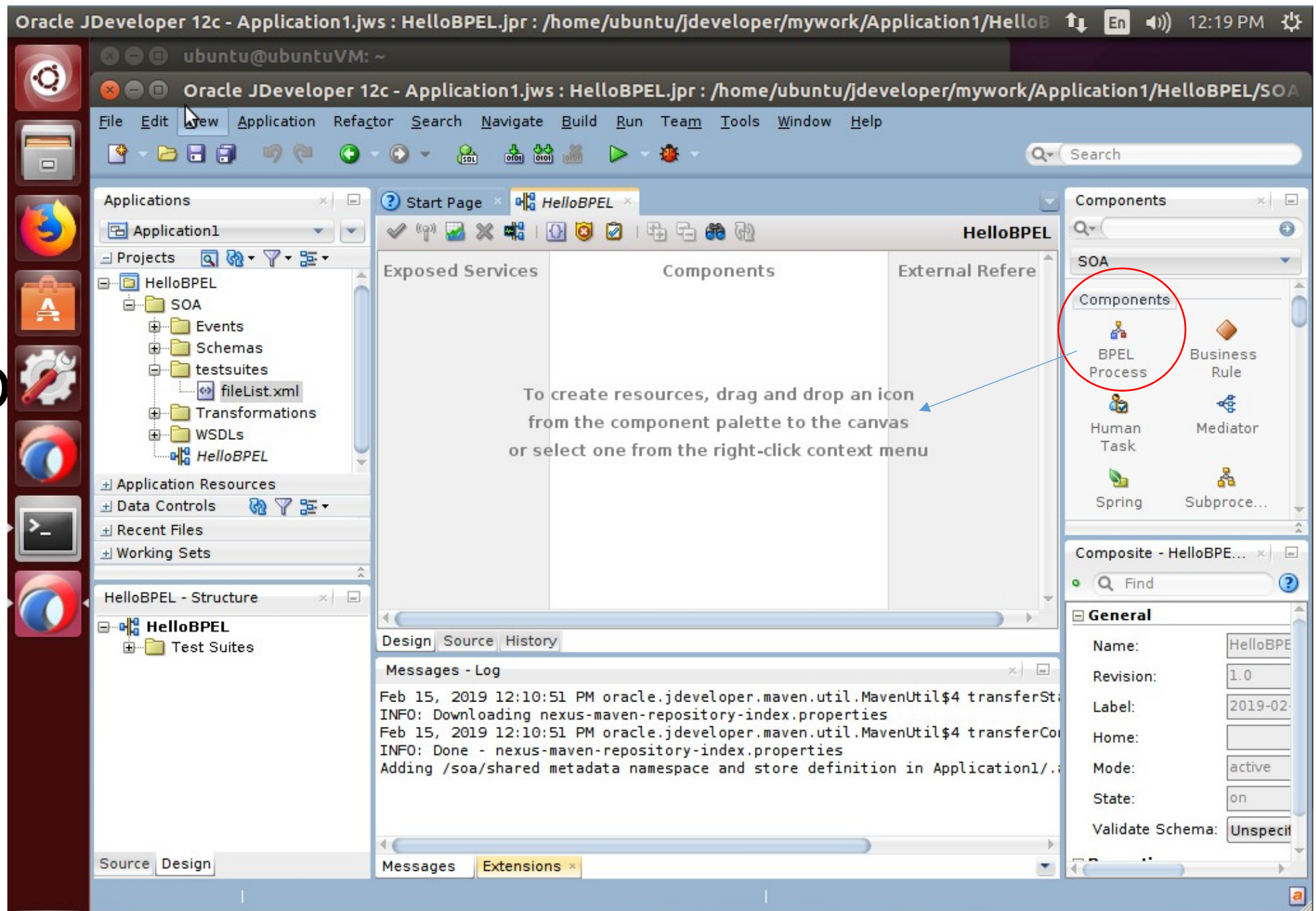
Choose a Project Name



Choose Project Type



Project
Created.
Drag
and Drop
BPEL
Process
into the
Design
Panel



Choose a Process Name

Create BPEL Process

BPEL Process

A BPEL process is a service orchestration, based on the BPEL specification, used to describe/execute a business process (or large grained service), which is implemented as a stateful service.

☒ BPEL 2.0 Specification ☐ BPEL 1.1 Specification

General **In Memory SOA**

Name: HelloASU

Namespace: http://xmlns.oracle.com/Application1/HelloBPEL/HelloASU

Directory: /home/ubuntu/jdeveloper/mywork/Application1/HelloBPEL/SOA/BPEL

Template Type: ☒ Web Service ☐ REST Service ☐ No Service

Template: Asynchronous BPEL Process

Service Name: helloasu_client

☒ Expose as a SOAP service

Delivery: async.persist

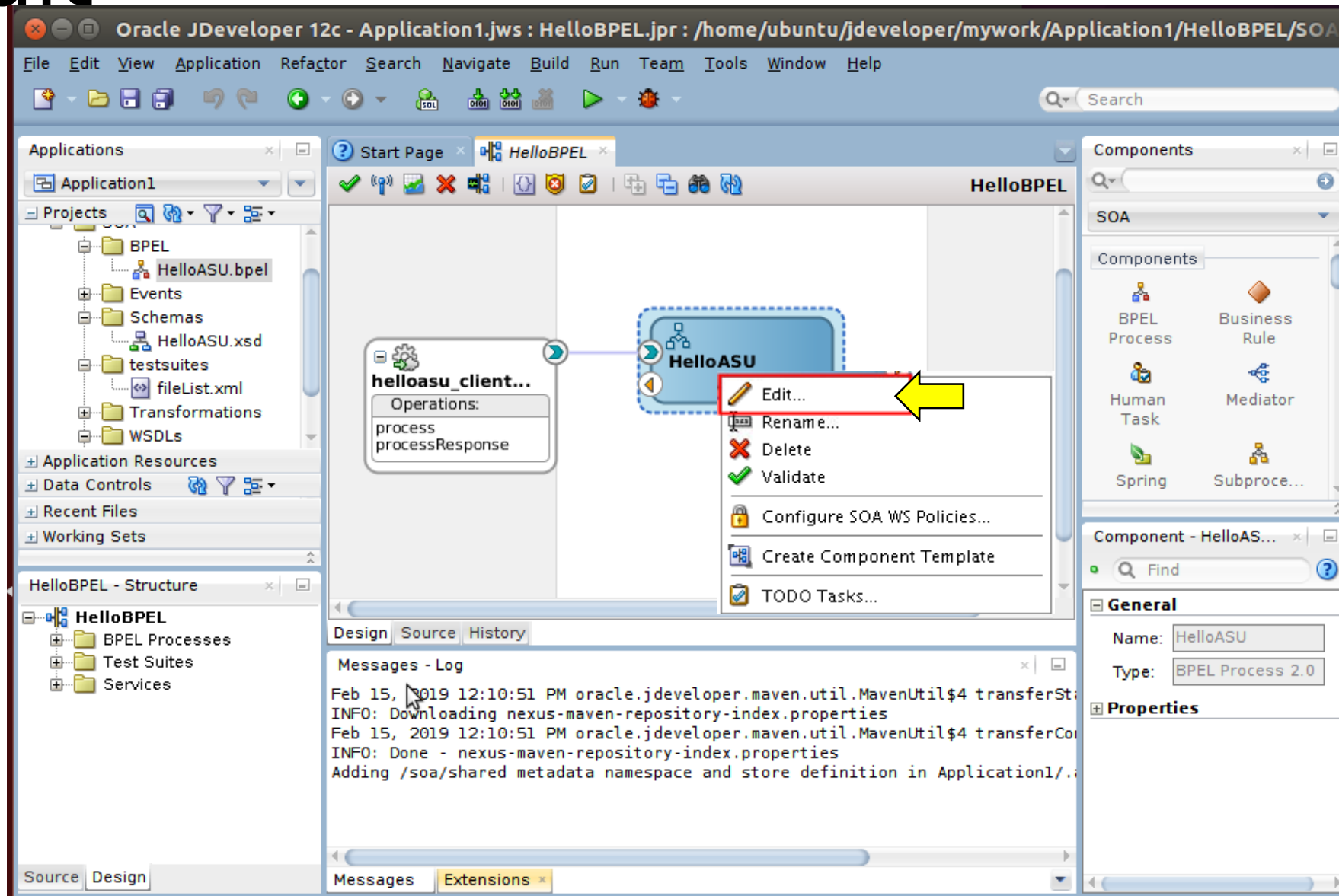
Transaction:

Input: {http://xmlns.oracle.com/Application1/HelloBPEL/HelloASU}process

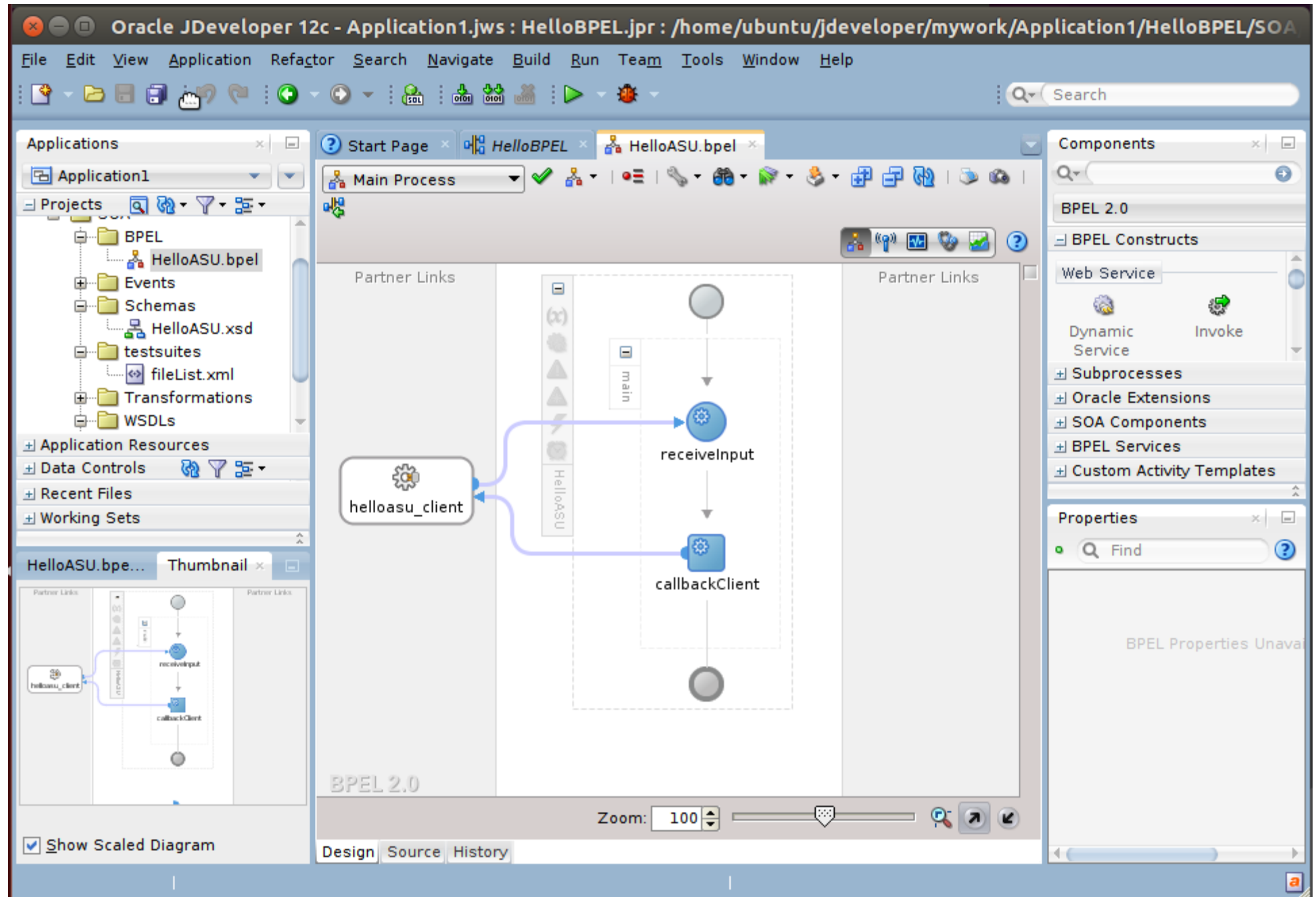
Output: http://xmlns.oracle.com/Application1/HelloBPEL/HelloASU}processResponse

Help OK Cancel

Right Click HelloASU and Choose Edit

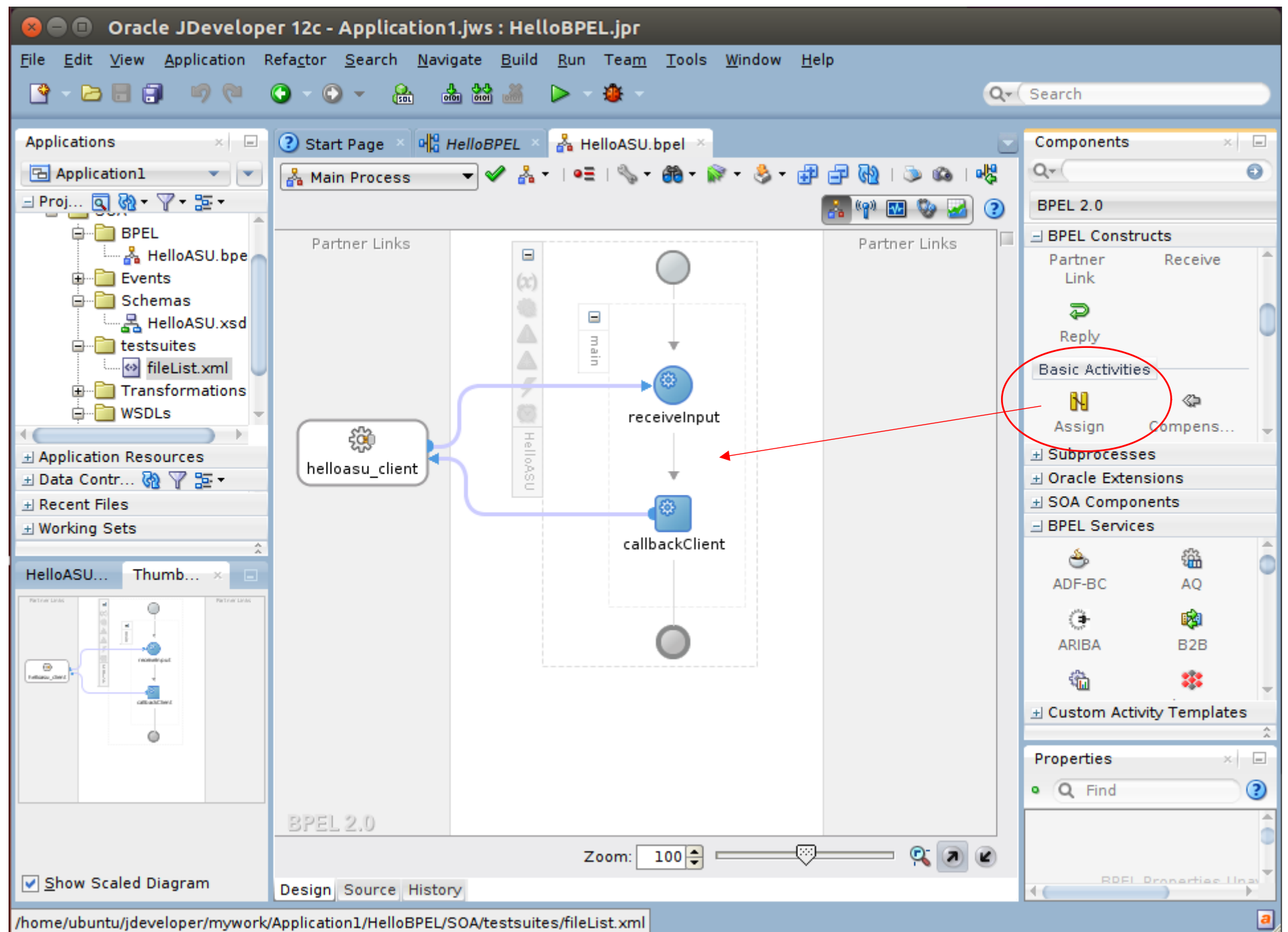


Service Interface Generated

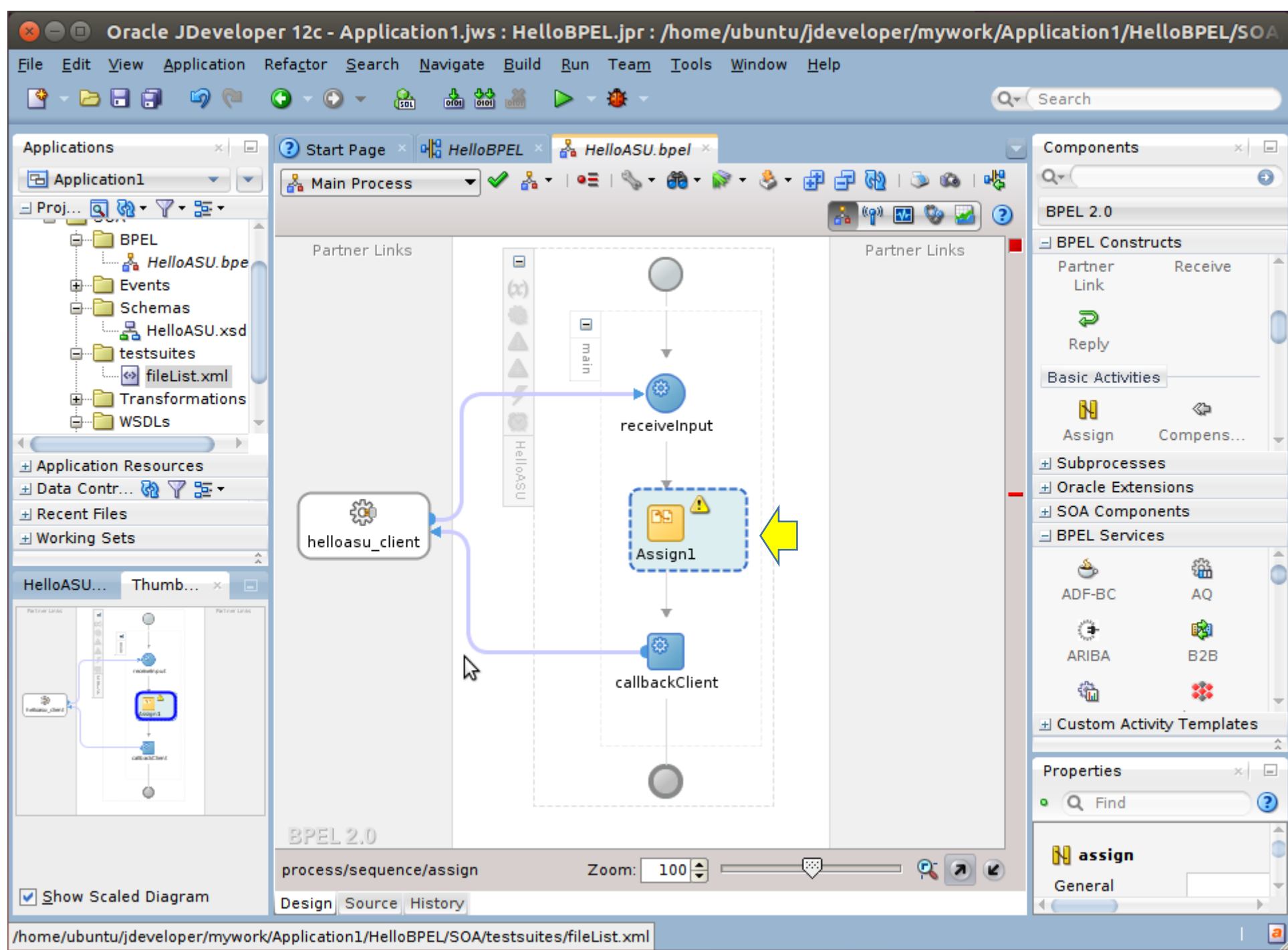


Now, you can add different activities into the flowchart

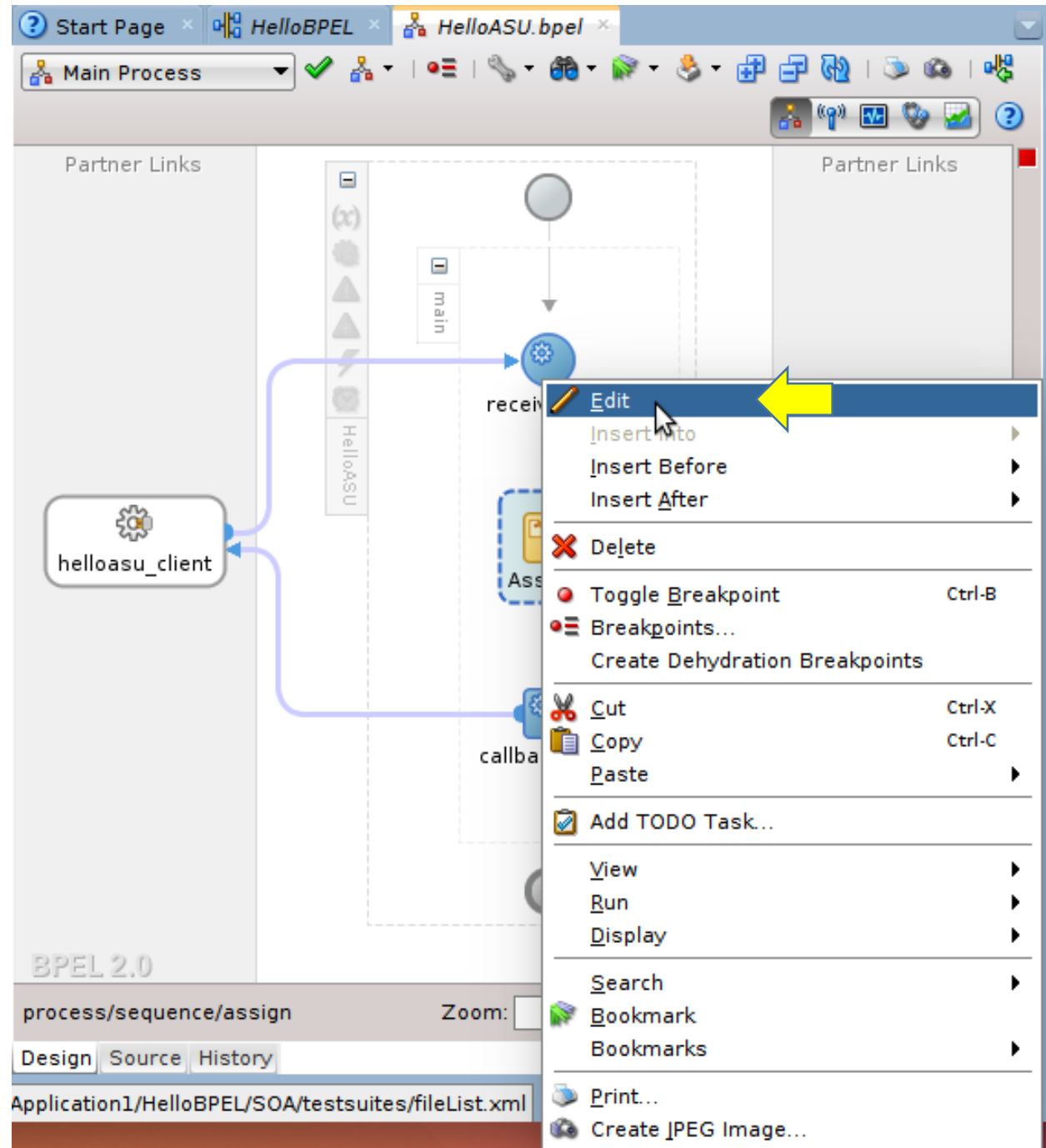
As an example, add **Assign**.



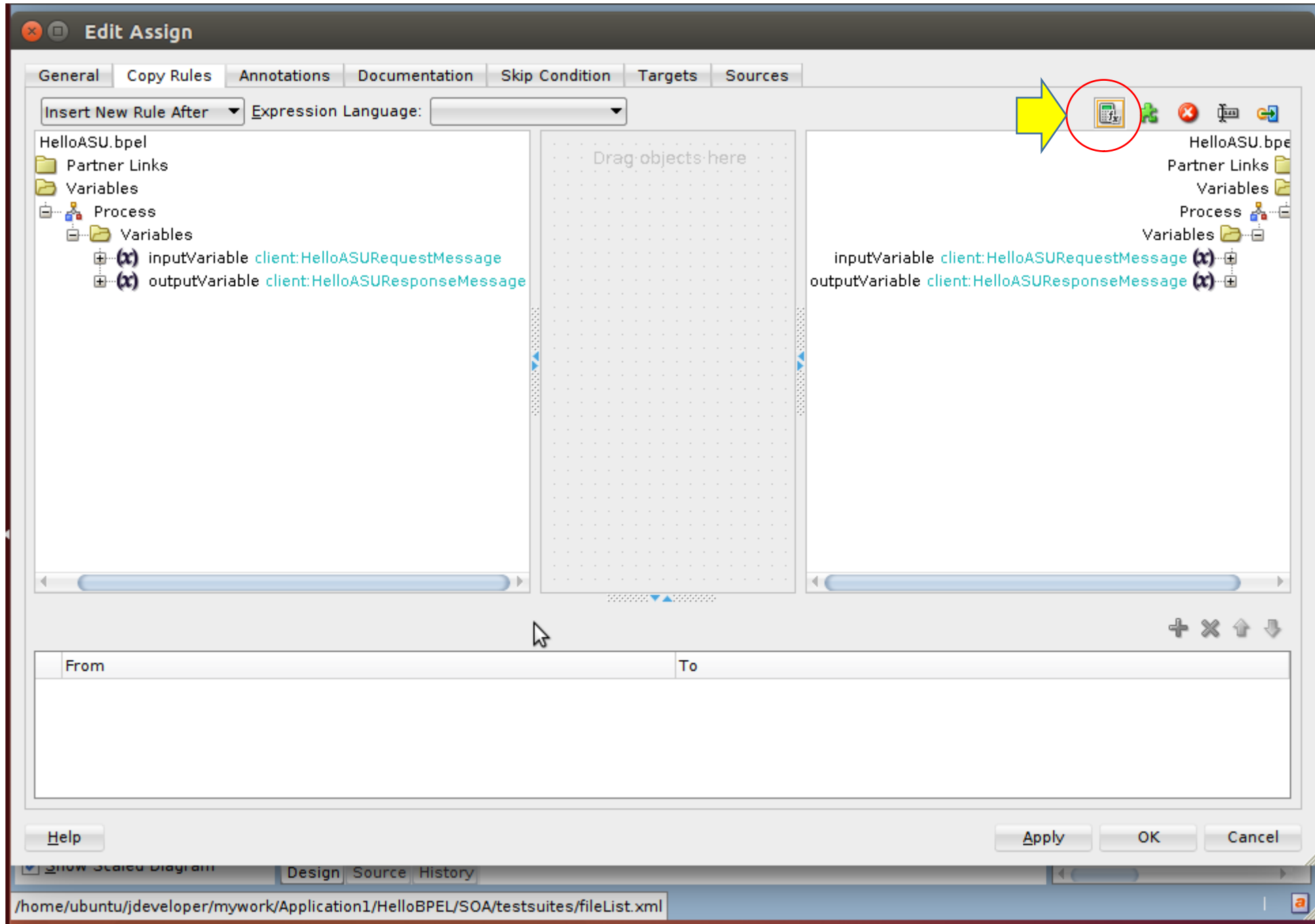
Added



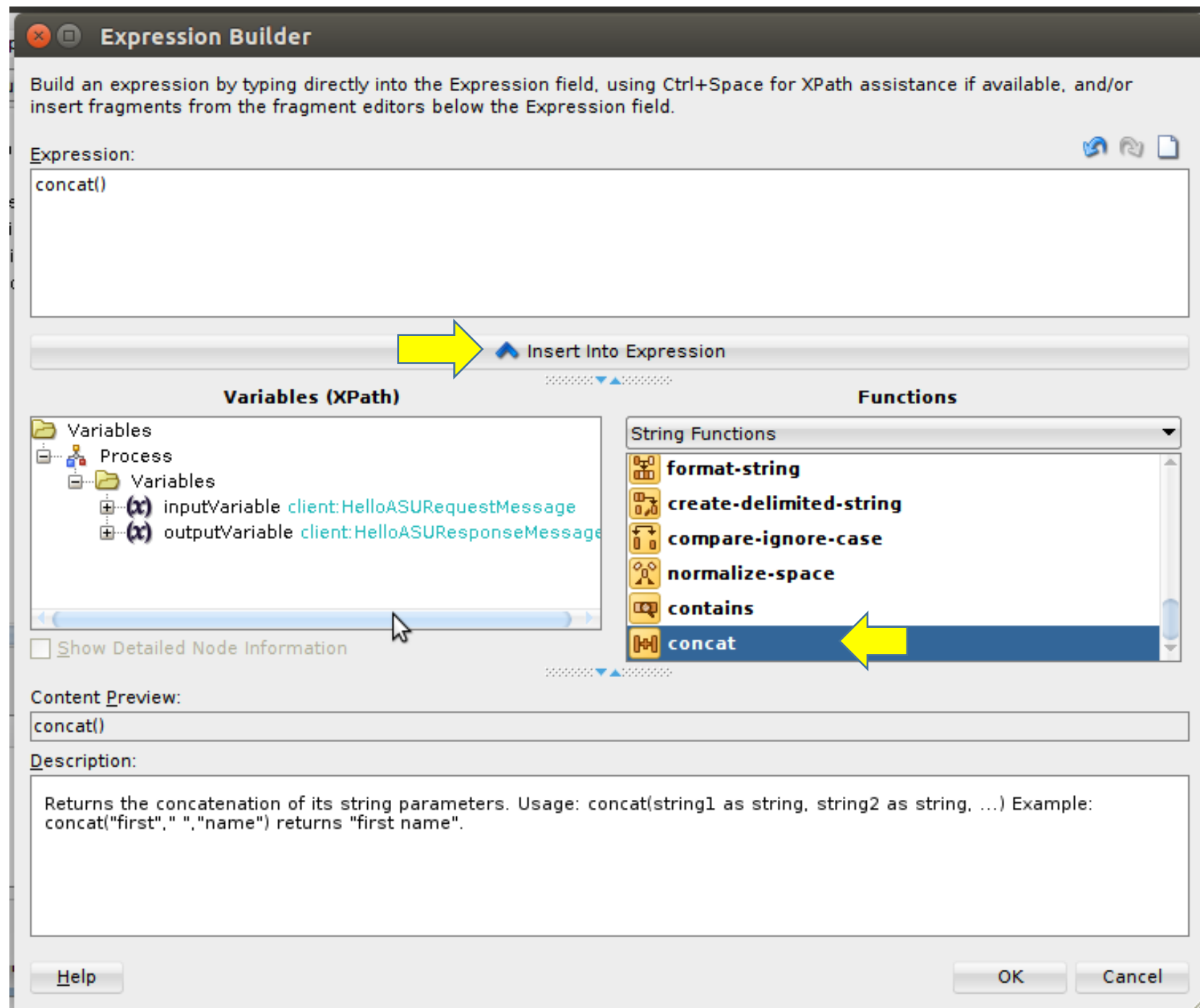
Right click and edit the activity



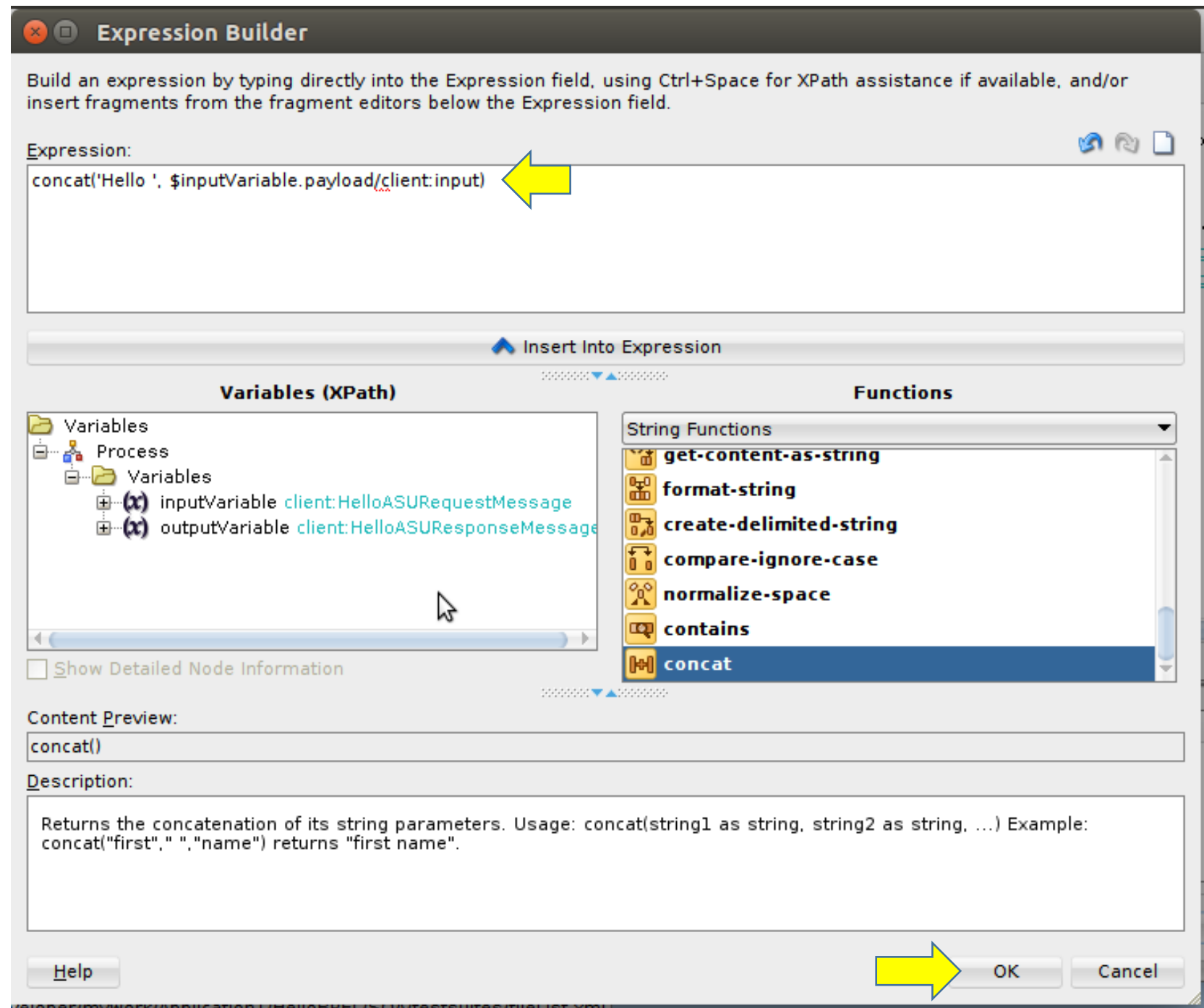
Edit Assign



Insert an expression for the variable



Type the expression



Please continue with the tutorial
using the following link:

<https://www.oracle.com/webfolder/technetwork/tutorials/obe/cloud/sscs/CreatingSOAComposite/creating-a-soa-composite-app.html>