OSM Orchestration Exercise

Lab 3-1 - Defining Fulfillment Systems

ORACLE COMMUNICATIONS

To enable OSM to understand and decompose the incoming XML order, a number of setup operations need to be completed. The first of these steps is to define the '**Order Components**' that the decomposition process will create.

As a best practice, Oracle recommends that you group these order components into:

- '**Systems'**–i.e. the Fulfilment Systems that the decomposed order will be sent to.
- '**Functions**' – i.e. the different functions that these systems can process e.g a Billing system might support the functions
    - 'Sync Customer Account'
    - 'Create Billing Account'
    - 'Complete Billing'.
- '**Granularity**'–i.e. how you send the order lines to the end systems.
    - Do you create a single request for all 'Create Billing' e.g. '**Order Granularity**' or
    - one request per line e.g. '**OrderLine Granularity**' or
    - perhaps '**OrderBundle**' Granularity'.

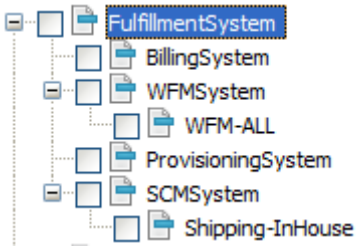
In this lab we will be creating the **Systems.**

Work through the following steps.

1. Use the following table to create '**Order Component Specifications**' in your cartridge (TIP: right-click/new on the existing folder to remember the folder name).

Folder	Order Component Spec.	Extends	Namespace
SYSTEM	FulfillmentSystem		osm7Order1.com
SYSTEM	BillingSystem	FulfillmentSystem	osm7Order1.com
SYSTEM	ProvisioningSystem	FulfillmentSystem	osm7Order1.com
SYSTEM	WFMSystem	FulfillmentSystem	osm7Order1.com
SYSTEM	WFM-ALL	WFMSystem	osm7Order1.com
SYSTEM	SCMSystem	FulfillmentSystem	osm7Order1.com
SYSTEM	Shipping-InHouse	SCMSystem	osm7Order1.com

2. Assuming that you create all the above specifications then when you create the last specification you should see the following layout under the 'Applies to order Component' box in your 'Shipping-InHouse' specification.



Now that you have created the 'Fulfillment Systems, you now need to create the functions/services that can be sent to those systems. This will be covered in Labs 3-2, and 3-3

END OF LAB