


Oracle Fusion Technical Learnings

First Report :

Navigation : Go to Navigator() → Tools → Reports and Analytics → Browse Catalog.

Catalog mainly consists of 3 items,

1. My Folder : Specific to a user.
2. Shared Folders : Common for the all the users of the cloud instance.
3. Tasks :

Offerings :

1. Financial.
2. Order Management.
3. Procurement... etc.

Every BI report consists of 2 parts:

1. **Data Model** → It consists of Data source.
 2. **Layout** → It can be created by manually or by using a wizard.
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1. **Data Model** :
 - a. After Navigating to Browse Catalog, click on new and under Published Reporting, click Data Model.
 - b. It consists of 6 properties.
 - i. Data Set → Used to retrieve the data from various data sources (like SQK, Excel, Web service, CSV, etc.).
 - ii. Event Trigger →
 - iii. Flex Fields →
 - iv. List of Values →
 - v. Parameters →
 - vi. Bursting →
 - c. We need to create a dataset using one of the data sources(mostly SQL)
 - i. Give the name of the Data Model, source and the type (either Standard SQL or Procedure call or Non-Standard SQL).
 - ii. After that we need to view the data and save it sample data to generate a xml required to generate a report for that data model.

2. Report Layout :

- a. Once we save the Data Model, we can create a report for that by clicking on create report button.
- b. We can create a layout either using a wizard or manually.
- c. Once we create the report, we can run it 2 ways
 - i. We can run it from catalog.(usually developers do this)
 - ii. We can run from fusion application by creating an ESS job (Functional people do this).

Note: Wizard has limited functionality like we can't make Master Child Report from it and there are some functions which we can't use in Wizard or might not explored , so we go mostly by XML Publisher.

Creating a Data Model and a Report :

Creating a Data Model :

1. Navigate to Browse Catalog, click on new and select Data Model.
 - a.

Running the Report from Fusion Application using ESS job :

Same as concurrent program in EBS

First create a BI Report.

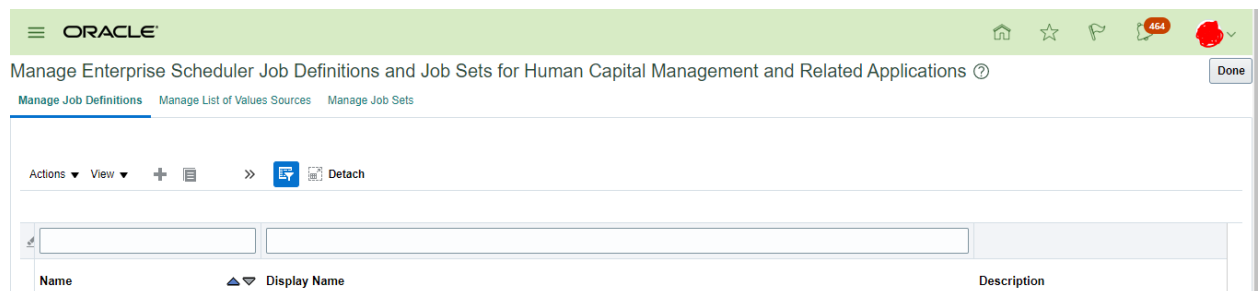
Step 1: Take report ID. <report_path_**without_shared**>/<report_name.xdo>

Step 2: Go to setup and maintenance → go to tasks → Manage Implementation Projects.

Go to task and search for → manage enterprise%job% and select one of the following based on your requirement.

Name
Manage Enterprise Scheduler Job Definitions and Job Sets for Customer Relationship Management and Related Applications
Manage Enterprise Scheduler Job Definitions and Job Sets for Financial, Supply Chain Management, and Related Applications
Manage Enterprise Scheduler Job Definitions and Job Sets for Human Capital Management and Related Applications

After selecting one of the tasks, you will redirect to the respective task page,



if your report consists of parameters add those in Manage List of Values sources, then go to Manage Job definitions and click on create.

Step 4: Give necessary fields (name, path(report path), Job Application name, Job Type, report id) save and close, with this report registration is completed.

Step 5: Go to navigator→tools→schedule process → schedule new process

After submitting in Process Details we will have advanced options where we can schedule and do much more.

Value Sets: Not yet complete

They are the list of values we give to a Flex Fields.

There are typically 5 value types of Value-sets.

1. **Format Only:** It consists of any restrictions to the value set.

2. **Independent:** To get some LOV's for a field, as the name suggest it is independent of any.
 - You can also manage values there, after saving it will be enabled.

Manage Value Sets - Setup

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Create Value Set ?

Value Set Code: UNOGEEKS_INDEP_DEPT_VSET

Description:

Module: Application Common

Validation Type: Independent

Value Data Type: Character

Security enabled: ☐

Data Security Resource Name: Edit Data Security

Definition

Value Subtype: Text

Maximum Length: 30

Minimum Value:

Maximum Value:

Uppercase only: ☐

Manage Values Save Save and Close Cancel

3. **Dependent Value Set:** As the name suggest it depends on an Independent value set. Creation is same as independent value set but you must select an independent value set at the time of creation.

- In manage value page you need to select the independent value set's value.

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Manage Values ?

Value Set Code: UNOGEEKS_DEP_CITIES_VSET

Description:

Search

Value:

Description:

Independent Value:

Search Results

Value	Description	Independent Value	Enabled	Start Date	End Date	Sort Order
Del			<input checked="" type="checkbox"/>	nd/yy	nd/yy	
Hyd		India	<input checked="" type="checkbox"/>	nd/yy	nd/yy	

Columns Hidden: 1

Save Save and Close Cancel

4. **Subset:** In this you can't add any new value, you can just select a group of values(ideally they should form a cluster) from an independent value set on which the subset depends on.

Manage Values ⓘ

Value Set Code UNOGECKS_SUBSET_ADMINDEPT_VSET

Description

Search

Value

Description

Search Results

Actions View Format Freeze Detach Wrap

Value	Description
HR	
Admin	

Columns Hidden 1

5. **Table:** Here the data is directly fetched from the table.

- The benefit of using Id Column Name is whatever the value you selected for the field at the backend it stores the id value only.

Doubt: What if the 2 or more values of the flex field value has same id value?

* Validation Type Table

* Value Data Type Character

☐ Security enabled

Data Security Resource Name [Edit Data Security](#)

Definition

* FROM Clause PER_PERSON_NAMES_F

Value Attributes Table Alias

* Value Column Name LAST_NAME

Value Column Type VARCHAR2

Value Column Length 150

Description Column Name DISPLAY_NAME

Description Column Type VARCHAR2

Description Column Length 240

ID Column Name PERSON_ID

ID Column Type

ID Column Length

Enabled Flag Column Name

Start Date Column Name

Type	Name	Values
Format Only	FT14_FORMATONLY_VSET	Only Number
Independent	FT14_INDEP_COUNTRIES_VSET FT14_INDEP_DEPT_VSET	India, USA HR, Sales, Finance, Admin
Dependent	FT14_DEP_CITIES_VSET	India – Hyd, Del, Mum USA – New York, Los Angeles, Chicago
Subset	FT14_SUBSET_ADMINDEPT_VSET	HR, Admin
Table	FT14_TABLE_PEOPLE_VSET	PER_PERSON_NAMES_F LAST_NAME, DISPLAY_NAME, PERSON_ID