

OFS Data Visualization Project Extraction Guide

Installation Guide

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ORACLE
Financial Services

OFS Data Visualization Project Extraction Guide

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Document Control

Version Number	Revision Date	Change Log
1.0	Feb 2022	Created the DV Projects Extraction Guide.

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1 Extracting DVA Projects

As a prerequisite, you should deploy the Oracle BI Repository (RPD) file into the BI OAS server. For more information, see the *Deploying the Report Analytics* section in the OFS Performance Analytics Applications Pack Installation and Configuration Guide.

To extract the DVA Projects, follow these steps, see the OAS documentation available at the following location:

<https://docs.oracle.com/en/middleware/bi/analytics-server/user-oas/import-project-file.html>

For details regarding Data Visibility, see the Data Visibility section in the OFS Performance Analytics Applications Pack Installation and Configuration Guide.

ATTENTION

Perform this mandatory step to enable access control in **Relationship Manager Performance DVA project**. For more details, see the following link:

<https://docs.oracle.com/en/middleware/bi/analytics-server/user-oas/share-project.html>

1.1 Online Mapview Configuration

To configure the Mapview, follow these steps:

1. Log in to the **Analytic screen** and select **Administration**.
2. Click **Manage map Data**.
3. Click **Import Layer** and then select **World_Countries**.
4. Choose **Preview MAP** as **ORACLE_MAPS**.
5. Click **Import Layer** and then select **World_States_Provinces**.
6. Choose **Preview MAP** as **ORACLE_MAPS**.
7. Click **Import Layer** and then select **World_Cities**.
8. Choose **Preview MAP** as **ORACLE_MAPS**.
9. Select **Background Maps**.
10. Use import Background maps and choose **ORACLE_MAPS**.
11. Edit the same, add the layer **World_Countries**, **World_States_Provinces**, and then **World_Cities** While choosing, select the location **ORACLE_MAPS** for a higher Zoom value.
12. Select the zoom level for country 0 and country 2...15.
13. Navigate back to the **Layers** tab.
14. Edit **World_Countries** (select Name as the Layer Key) and **World_States_Provinces** (select State Province Name as the Layer Key) by adding BI Key Columns:
 - For Country:**
 - Choose OFSAA BI Analytics > Locations (Customer) > Country Name.
 - Choose OFSAA BI Analytics > Locations (Account) > Country Name.
 - For State:**
 - Choose OFSAA BI Analytics > Locations (Customer) > State Name.
 - Choose OFSAA BI Analytics > Locations (Account) > State Name.
 - For Cities:**
 - Choose OFSAA BI Analytics > Locations (Customer) > City Name.
 - Choose OFSAA BI Analytics > Locations (Account) > City Name.

1.2 Populating FSI_LOCATION_MAP_COORD Data

For **Oracle Maps** to work, it requires the location data in the **FSI_LOCATION_MAP_COORD** table based on DIM_LOCATION data itself, but description should come from **world_countries.json**, **world_states_provinces.json** and **world_cities.json** files respectively for Country, State and City, and n_location_skey and v_location_code should be the corresponding n_location_skey and v_location_code from DIM_LOCATION.

For Instance, let us consider the following data from DIM_LOCATION.

Table 1: DIM_LOCATION Table Data

Column Name	Value
N_LOCATION_SKEY	1
V_LOCATION_CODE	LOC1
V_COUNTRY_CODE	IN
V_COUNTRY_DESC	India
V_STATE_CODE	KAR
V_STATE_DESC	Karnataka
V_CITY_CODE	BGL
V_CITY_DESC	Bangalore

To populate the columns in FSI_LOCATION_MAP_COORD table, see the json files in the following path
\$ORACLE_HOME/user_projects/domains/bi/config/fmwconfig/mapviewer/catalogs/basemaps:

Table 2: FSI_LOCATION_MAP_COORD Table Columns

Column Name	Reference	Value
N_LOCATION_SKEY	DIM_LOCATION.N_LOCATION_SKEY	1
V_LOCATION_CODE	DIM_LOCATION.V_LOCATION_CODE	LOC1
V_COUNTRY_DESC	Refer the Properties section for the desired country selection in world_countries.json	INDIA
V_STATE_DESC	Refer the Properties section for the desired State selection in world_states_provinces.json	State of Karnataka

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