Date : 14 Aug 2023

Employee Data Model

version: 1.1.0

# **Overview**

Employee App Data Model aims to provide a quick start point for building mobile apps dealing with employee data. The data model contains multiple objects and fields related to employee information. The following diagram illustrates the objects in the data model and relationships among them.

## **Use case:**

When you import the app data model into VoltMX Foundry, the app data model is created as an object service. Using the VoltMX Foundry console, you can modify the fields and relationships of the objects in the data model. For example, you can add new fields to objects and define new relationships between objects.

## **Features**

### Quick reference app data model- Extend/ Reduce/ Modify based on your requirement.

### Map to any backend data source

# **Map to any backend data source**

You can also map Employee App Data Model to any back-end data source. For example, if you are using Oracle database to store your employee details, using the VoltMX Foundry console, you can connect Employee App Data Model with the Oracle database and map the fields of each object in the data model with the fields of the Oracle database.

The following sections help you use the Employee App Data Model:

## **Percentage of re-use:**

70% (Data can be customizable and customer need to implement UI by themselves).

# **Getting Started**

## **Prerequisites**

Before you start using the Employee App Data Model, ensure you have the following:

* A [HCL Foundry](https://manage.hclvoltmx.com/)
* Volt MX Iris

## **Importing the Employee App Data Model**

1. Log on to your [HCL Foundry](https://manage.hclvoltmx.com/). The Dashboard page appears by default.
2. In the left pane, click the **Apps** menu. The **Custom Apps** page appears.
3. Click **Import**. The **Import** dialog appears.

4. Drag the zip file into the **Import App** dialog.

Alternatively, click **browse**. The **Open** dialog appears. Navigate to the location where you downloaded the data model (zip file) on your computer, select the zip file, and click **Open**. The zip file is selected, and the **Import App** dialog appears as shown in the following figure:



**Note:**If the selected component is not the one that you want to import, click **Change Binary**.

1. In the **App Name** box, the **EmployeeDataModel** is displayed by default. You can change the name, if required.
2. Click **Import as new** to create a new Foundry app. If there is an app exists with the same app name and if you want to overwrite it, click **Overwrite existing app**.
3. Click **Import**. The **EmployeeDataModel** app is listed on the **Custom Apps** page.

**Note:**If you changed the name in the **App Name** box, the app with the updated name is listed on the **Custom Apps** page.

**To import the data adapter zip file, do the following:**

# **VIEWING THE OBJECT SERVICE**

When you import Employee App Data Model into Foundry, the app data model is created as an object service. In the object service, you can view all the objects of the data model and the default fields and relationships of each object.

**To view the object service, do the following:**

1. Log on to your [HCL Foundry](https://manage.hclvoltmx.com/). The **Dashboard** page appears by default.
2. In the left pane, click the **Apps** menu. The **Custom Apps** page appears.
3. Find and click the **EmployeeDataModel** app. The **EmployeeDataModel** page appears along with the **Configure Services** tab and the **Identity** sub-tab opened by default.

**Note:**If you changed the name of the app while importing the app data model, find and click the app name that you specified using the search box on the **Custom Apps** page.

1. Click the **Objects** sub-tab. The **Objects** sub-tab opens along with the **UserDetailsSchemaED** object service listed.



1. Click **UserDetailsSchemaED**. The **Configure** page appears with all objects in the app data model.



# **MAPPING EMPLOYEE APP DATA MODEL WITH A BACK-END DATA SOURCE**

1. On the **EmployeeDataModel** page, Click the **Configure Services** tab, and then click **Objects** sub-tab. The **Objects** sub-tab opens along with the **UserDetailsSchemaED** object service listed.
2. Click the context menu icon of **UserDetailsSchemaED** as shown in the following figure. The context menu opens.



1. Click **Clone App Data Model**. A copy of Employee App Data Model is created, and the **New Object Service** page appears.



1. In the **Name** box, type a name for a copy of Employee App Data Model.
2. Click the context menu arrow to expand the **Endpoint Type** list. A drop-down list opens.
3. Select the required back-end data source that you want to map and click **SAVE & CONFIGURE**.

# **mODIFYING EMPLOYEE APP DATA MODEL**

The Employee App Data Model comes with a default set of objects. Every object in the data model contains a set of fields and a relationship with at least one object. The **UserDetailsSchemaED** object service allows you to modify the app data model as you require. Every object in the object service contains the following sections:

**Fields**

In the Fields section of an object, you can add new fields and edit and delete the fields associated with the object. Every object has a set of fields that you cannot edit or delete. For example, the **createdBy** and **CreatedDataTime** fields of the **contact\_type** object cannot be modified.

**Relationships**

In the Relationships section of an object, you can define new relationships with other objects and edit and delete existing relationships of the object.

For more information, refer to [Object Services](http://docs.kony.com/konylibrary/mobilefabric/kony_mobilefabric_user_guide/Default.htm#Objectservices.htm%23Generate).

# **Publishing the App in VoltMX Foundry**

After adding the **Employee App Data Model** to your app and configuring the necessary configurations, you must publish the app to VoltMX Foundry. For more information, refer to [Publish a Project to VoltMX Foundry.](https://opensource.hcltechsw.com/volt-mx-docs/docs/documentation/Iris/iris_user_guide/Content/PublishVoltMXFoundryServicesApp.html)

# **Revision History**

App version 1.1.0

## **Known Issues**

## N/A

## **Limitations**

## N/A