Oracle FLEXCUBE Investor Servicing® Data Model – Getting Started

Release 12.0 April 2012 Oracle Part Number E51528-01



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1 Preface

Oracle FLEXCUBE Universal Banking Software – Data model – Getting started document describes the method to create data model for application business extensibility purpose.

1.1 Audience

This guide is intended for FLEXCUBE Application developers who need to understand the FLEXCUBE IS data model

2 Introduction

2.1 What is in this guide

This document describes the reverse engineering methodology to get the FLEXCUBE IS data model for a given business purpose. A given business purpose could vary from report generation to data extraction to extending FLEXCUBE application functionality.

2.2 Why reverse engineering

As the complete ER diagram of FLEXCUBE IS application would be huge, the business application developers need to re-engineer with required filtered portion of FLEXCUBE IS to get specific portion of data model.

Example:

There is a business requirement to add additional fields to customer personal information. The business developer could filter the Customer specific entities from FLEXCUBE IS Database schema and generate the ER diagram. This ER diagram further can be used to understand the FLEXCUBE IS and can be foundation for further business development requirement.

3 FLEXCUBE IS Data Model - getting started

3.1 FLEXCUBE IS Data model schema

- 1. Follow the below steps to get the Oracle FLEXCUBE IS Data model schema.
 - a. Identify the new Oracle Database schema for data model purpose.
 - b. Create the FLEXCUBE IS database tables by running all the DDL scripts in below folder at the schema identified.
 - FCIS_9.2.0\BACKEND\DATABASE\HOST\CONSOL\DDL\TABLE
 - FCIS_9.2.0\BACKEND\DATABASE\SMS\CONSOL\DDL\TABLE
 - FCIS_9.2.0\BACKEND\DATABASE\LOB\CONSOL\DDL\TABLE
 - FCIS_9.2.0\BACKEND\DATABASE\SP\CONSOL\DDL\TABLE

- FCIS_9.2.0\BACKEND\DATABASE\Reports\CONSOL\DDL\TABLE.
- c. Create Foreign Keys in schema using following scripts at the schema identified.
 - FC_UBS_V.UM_11.3.0\MAIN\DATABASE\DATAMODEL\FKR
- d. Create column comments using below scripts at the schema identified.
 - FC_UBS_V.UM_11.3.0\MAIN\DATABASE\DATAMODEL\CMT

Note: The Database environment used for this data model cannot be used for other testing/production purpose.

- 2. You can get the data model PDF documents from below folders for each module that data model is shipped.
 - FC_UBS_V.UM_11.3.0\MAIN\DATABASE\DATAMODEL\PDF

3.2 Oracle SQL Developer Data Modeler

Ensure you have installed the Oracle SQL Developer Data model in your local system. Refer further Oracle documentation for download and install instructions.

http://www.oracle.com/technetwork/developertools/datamodeler/downloads/index.html

4 Creating Data Model and ER diagram

1. Open the Oracle SQL Developer Data modeler







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3. Select Objects to Import.				
4. Generate Design.				
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10. Click **Next**

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11. Click **Finish**



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