Oracle® Banking Corporate Lending Data Model - Getting Started





Oracle Banking Corporate Lending Data Model - Getting Started, Release 14.8.0.0.0

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Preface

This topic contains the following sub-topics:

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions

Purpose

This document describes the reverse engineering methodology to get the Oracle Banking Corporate Lending Data Model for a given business purpose. A given business purpose could vary from report generation to data extraction to extending Oracle Banking Corporate Lending application functionality.

Audience

This guide is intended for application developers who need to understand the OBCL data model.

Documentation Accessibility

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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Table 1 Conventions and Meaning

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.



1

Data Model – Getting Started

OBCL Data Model

This document describes the reverse engineering methodology to get the OBCL Data Model for a given business purpose. A given business purpose could vary from report generation to data extraction to extending OBCL application functionality. This topic has the following subtopics:

- Why Reverse Engineering
 - This topic describes the reverse engineering importance.
- OBCL Data model schema
 - This topic describes the steps to get the Oracle OBCL Data model schema.
- Oracle SQL Developer Data Modeler
 This topic describes the Oracle SQL Developer Data Modeler.
- Creating Data Model and ER diagram
 This document describes the steps to create data model and ER diagram

1.1 Why Reverse Engineering

This topic describes the reverse engineering importance.

As the complete ER diagram of OBCL application would be huge, the business application developers need to re-engineer with required filtered portion of OBCL 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 OBCL Database schema and generate the ER diagram. This ER diagram further can be used to understand the OBCL and can be foundation for further business development requirement.

1.2 OBCL Data model schema

This topic describes the steps to get the Oracle OBCL Data model schema.

- Identify the new Oracle Database schema for data model purpose.
- Create the OBCL database tables by running all the DDL scripts in below folder at the schema identified.
 - OBCL 14.4.0.1.0\MAIN\DATABASE\HOST\CONSOL\DDL\TABLE
 - OBCL 14.4.0.1.0\MAIN\DATABASE\BRANCH\CONSOL\DDL\TABLE
- Create Foreign Keys in schema using following scripts at the schema identified.
 - OBCL_14.4.0.1.0\MAIN\DATABASE\DATAMODEL\HOST\CONSOL\FKR
- Create column comments using below scripts at the schema identified.
 - OBCL_14.4.0.1.0\MAIN\DATABASE\DATAMODEL\HOST\CONSOL\CMT



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

1.3 Oracle SQL Developer Data Modeler

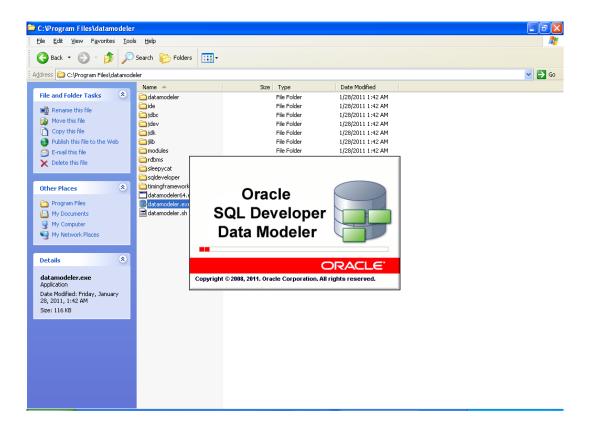
This topic describes the Oracle SQL Developer Data Modeler.

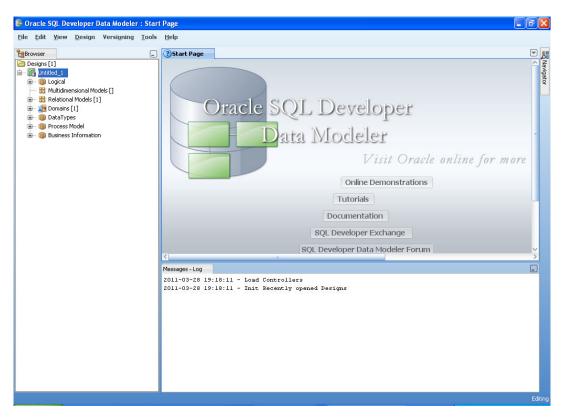
Ensure you have installed the Oracle SQL Developer Data model in your local system. Refer further Oracle documentation for download and install instructions, http://www.oracle.com/technetwork/developer-tools/datamodeler/downloads/index.html

1.4 Creating Data Model and ER diagram

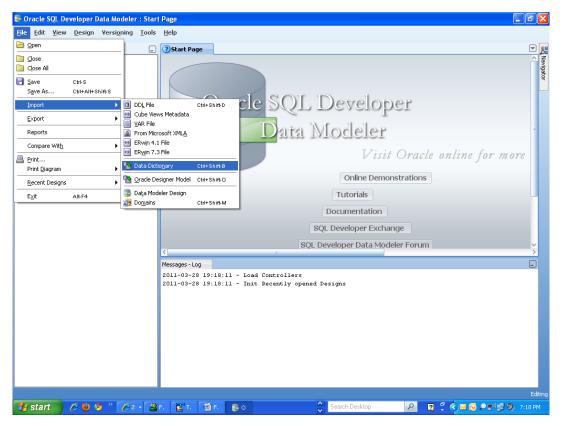
This document describes the steps to create data model and ER diagram

1. Open the Oracle SQL Developer Data modeler.

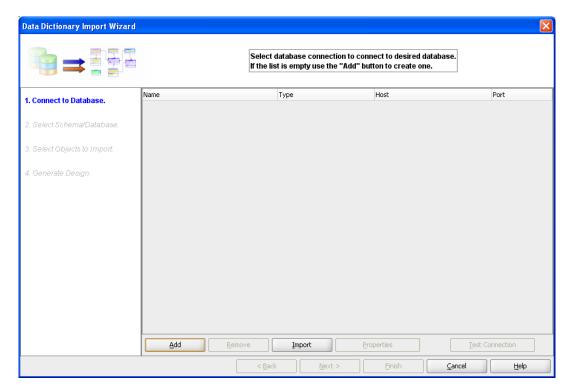




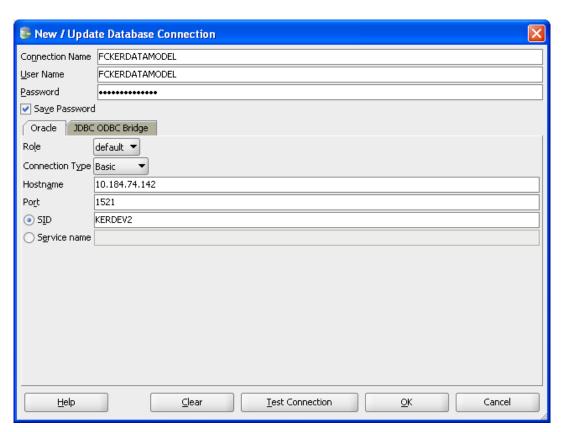
2. Click on File → Import → Data dictionary.



3. Click Add.



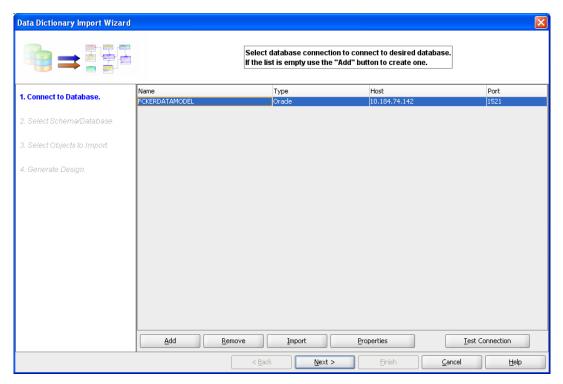
4. Provide the database connectivity.



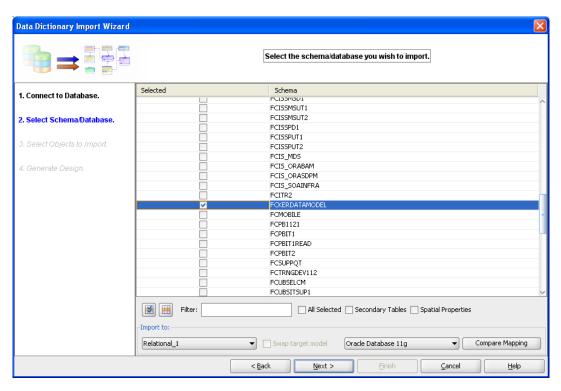
5. Click **Test Connection** and ensure it is successful. If connection fails, verify and repeat step4.



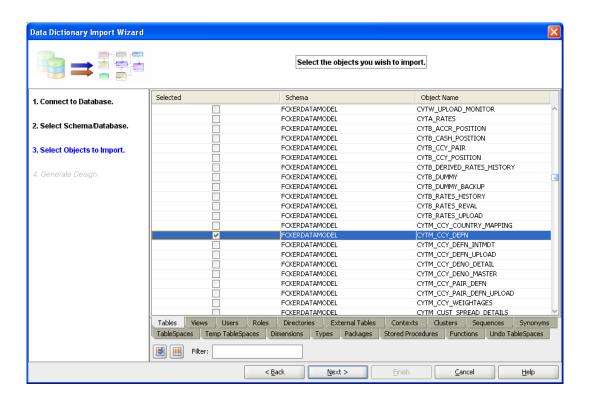
6. Click database connection row.

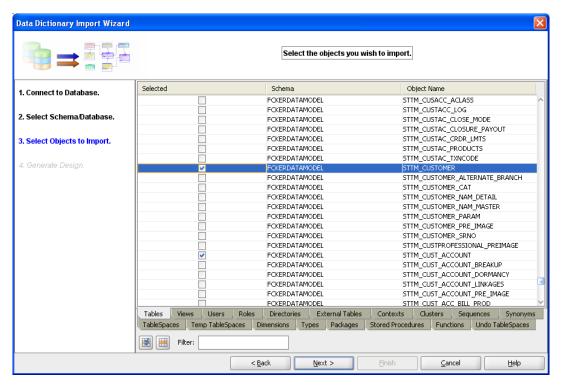


7. Select the database schema name.

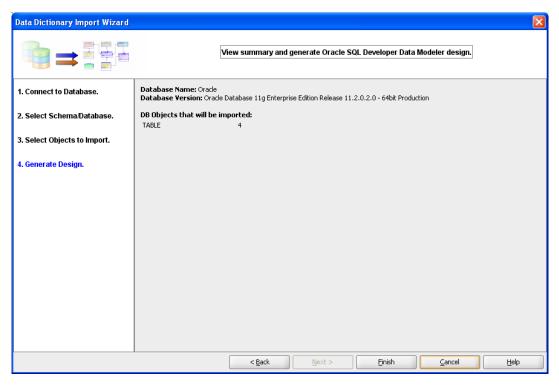


8. Select the entities(tables) that are to be used in ER diagram.

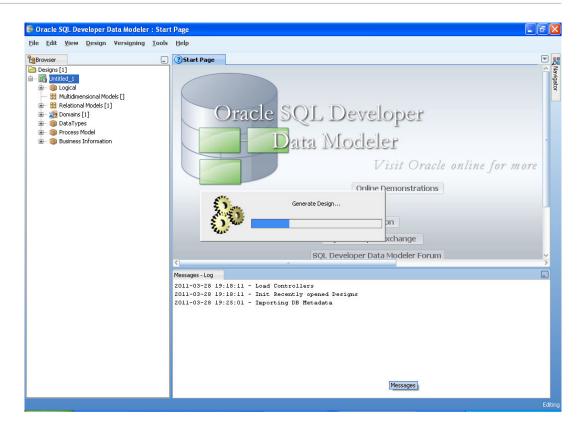




Click Next.



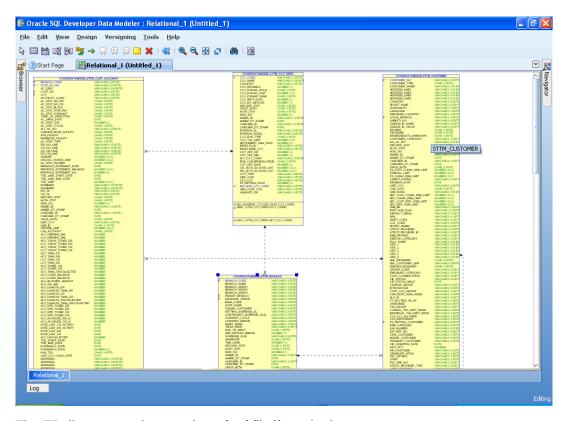
10. Click Finish.



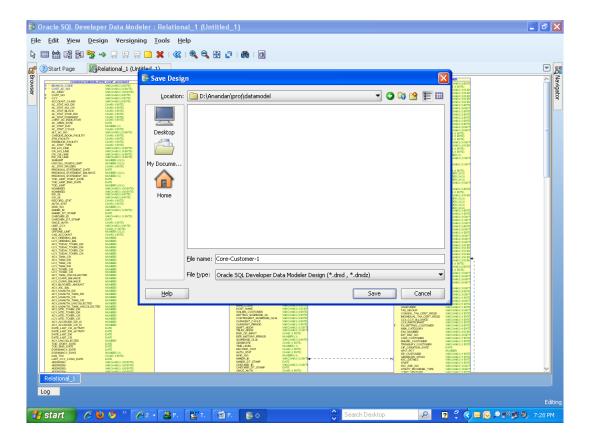
```
Dracle SQL Developer Data Modeler 3.0.0.665
Oracle SQL Developer Data Modeler Import Log
Date and Time: 2011-03-28 19:25:38 IST
Design Name: Untitled_1
RDEMS: Oracle Database llg

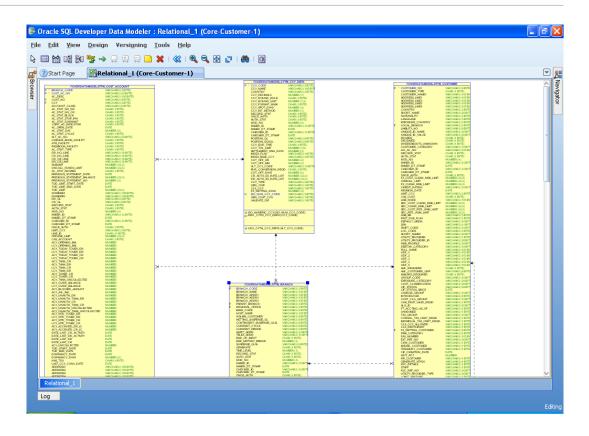
All Statements: 4
Failed Statements: 0
Not Recognized Statements: 0

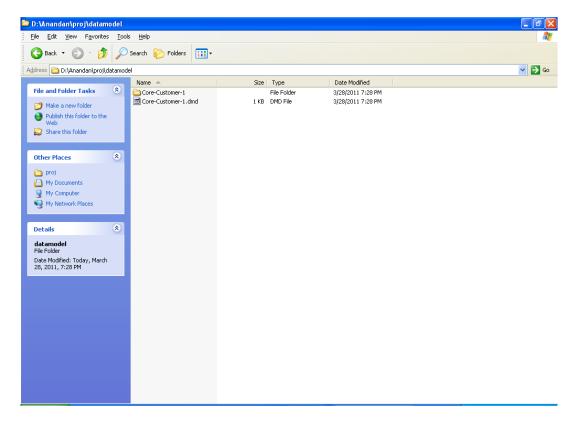
Save Glose
```



11. The ER diagram can be saved as .dmd file if required.







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Creating Data Model and ER diagram, 1-2

