Oracle® Banking Treasury Management

OBTR Data Model Getting Started

Release 14.8.1.0.0
G45380-01
October 2025

Oracle Banking Treasury Management OBTR Data Model Getting Started, Release 14.8.1.0.0

G45380-01

Contents

Preface

This topic contains the following sub-topics:

Purpose

This manual is designed to help you to quickly get acquainted with the Interest module of Oracle Banking Treasury Management.

Audience

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

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by Oracle Software Security Assurance.

Diversity and Inclusion

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:

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.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

1

Oracle Banking Treasury Management Data Model

This document describes the reverse engineering methodology to get the OBTR Data Model for a given business **purpose**.

A given business purpose could vary from report generation to data extraction to extending OBTR application functionality.

This topic has the following sub-topics:

- Why Reverse Engineering
  This topic Describes the reverse engineering importance.
- OBTR Data model schema
  This topic describes the steps to get the Oracle OBTR 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 OBTR application would be huge, the business application developers need to re-engineer with required filtered portion of OBTR 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 OBTR Database schema and generate the ER diagram. This ER diagram further can be used to understand the OBTR and can be foundation for further business development requirement.

1.2 OBTR Data model schema

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

- Identify the new Oracle Database schema for data model purpose.
- Create the OBTR database tables by running all the DDL scripts in below folder at the schema identified.
  - OBTR_14.4.0.1.0\MAIN\DATABASE\HOST\CONSOL\DDL\TABLE
  - OBTR_14.4.0.1.0\MAIN\DATABASE\BRANCH\CONSOL\DDL\TABLE
- Create Foreign Keys in schema using following scripts at the schema identified.
  - OBTR_14.4.0.1.0\MAIN\DATABASE\DATAMODEL\HOST\CONSOL\FKR
- Create column comments using below scripts at the schema identified.

– OBTR_14.4.0.1.0\MAIN\DATABASE\DATAMODEL\HOST\CONSOL\CMT

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

1.3 Oracle SQL Developer Data Modeler

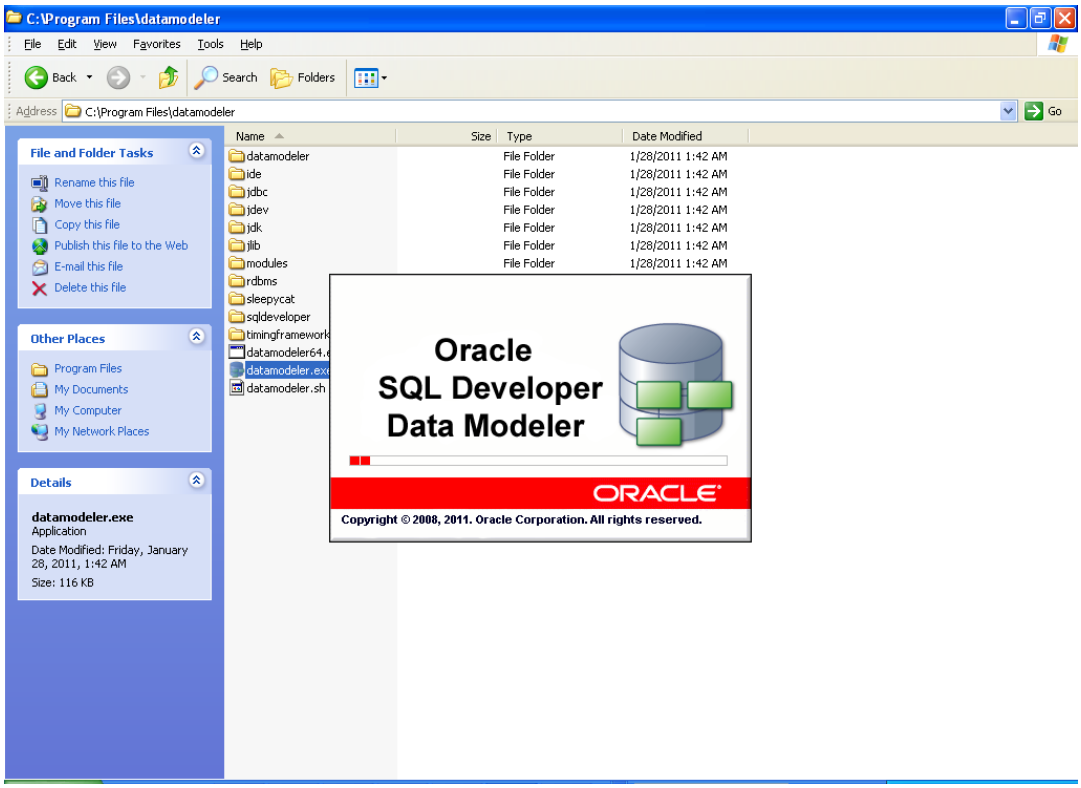
This topic describes the Oracle SQL Developer Data Modeler.

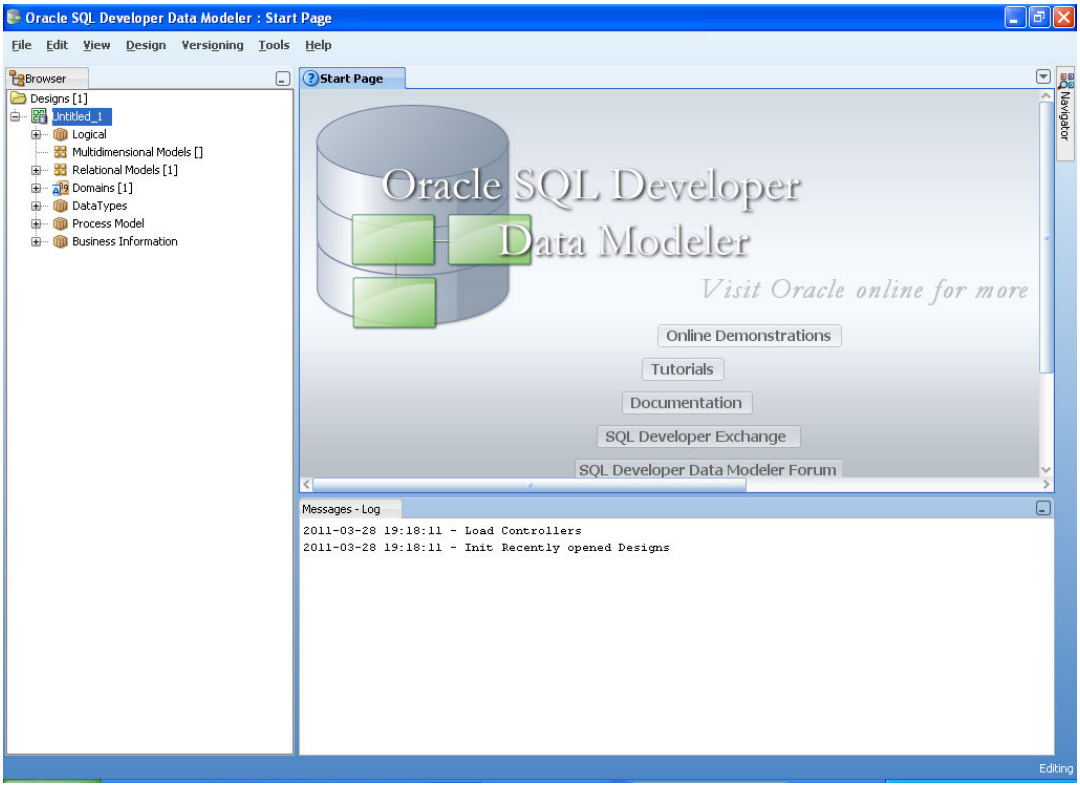
Ensure you have installed the Oracle SQL Developer Data model in your local system. Refer further Oracle documentation for download and install instructions, http://www.oracle.com/technetwork/developer-tools/datamodeler/downloads/index.html

1.4 Creating Data Model and ER diagram

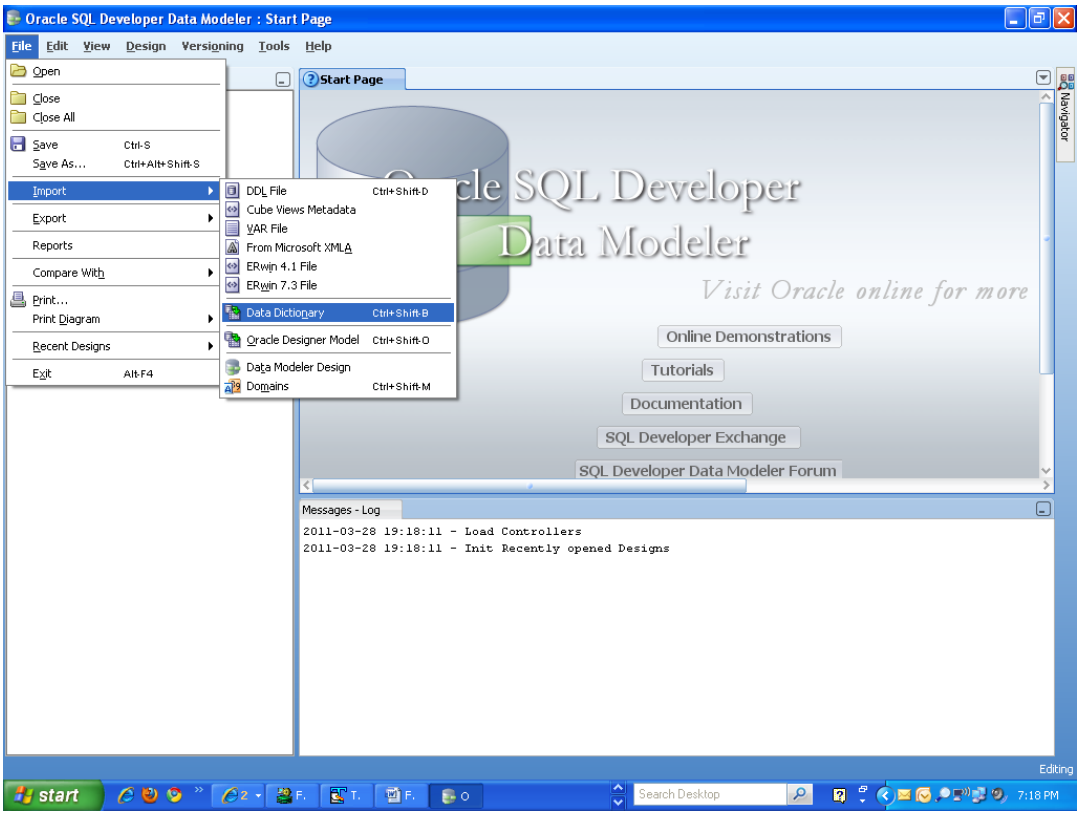
This document describes the steps to create data model and ER diagram

1. Open the **Oracle SQL Developer Data modeler**.

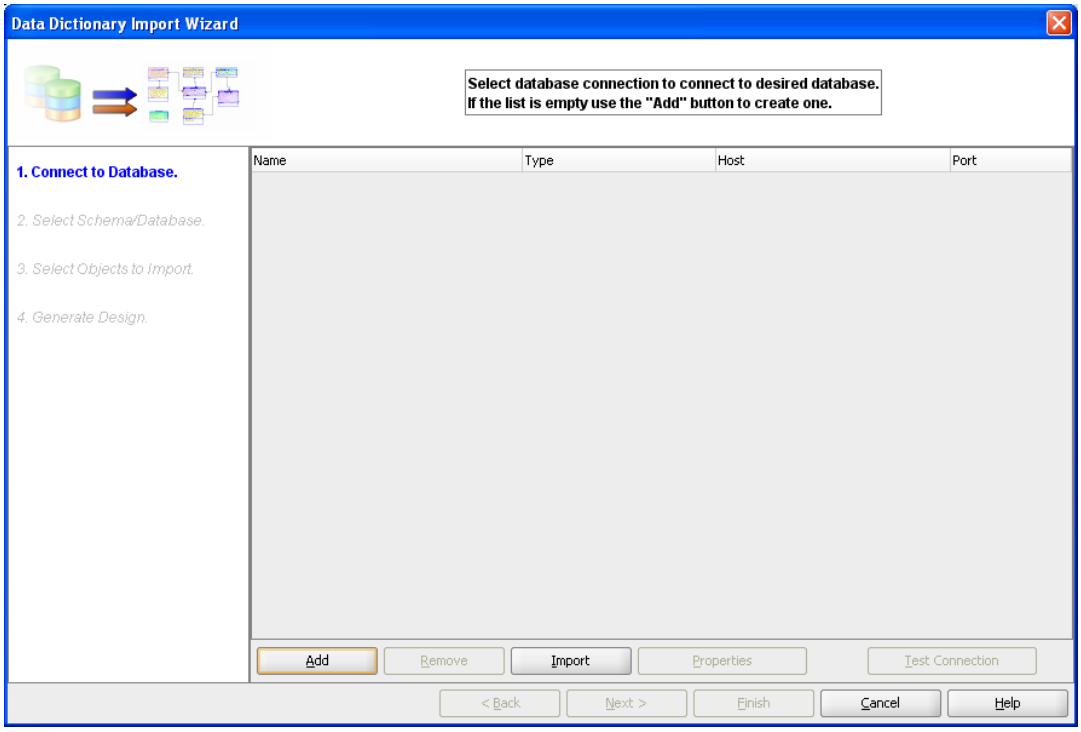




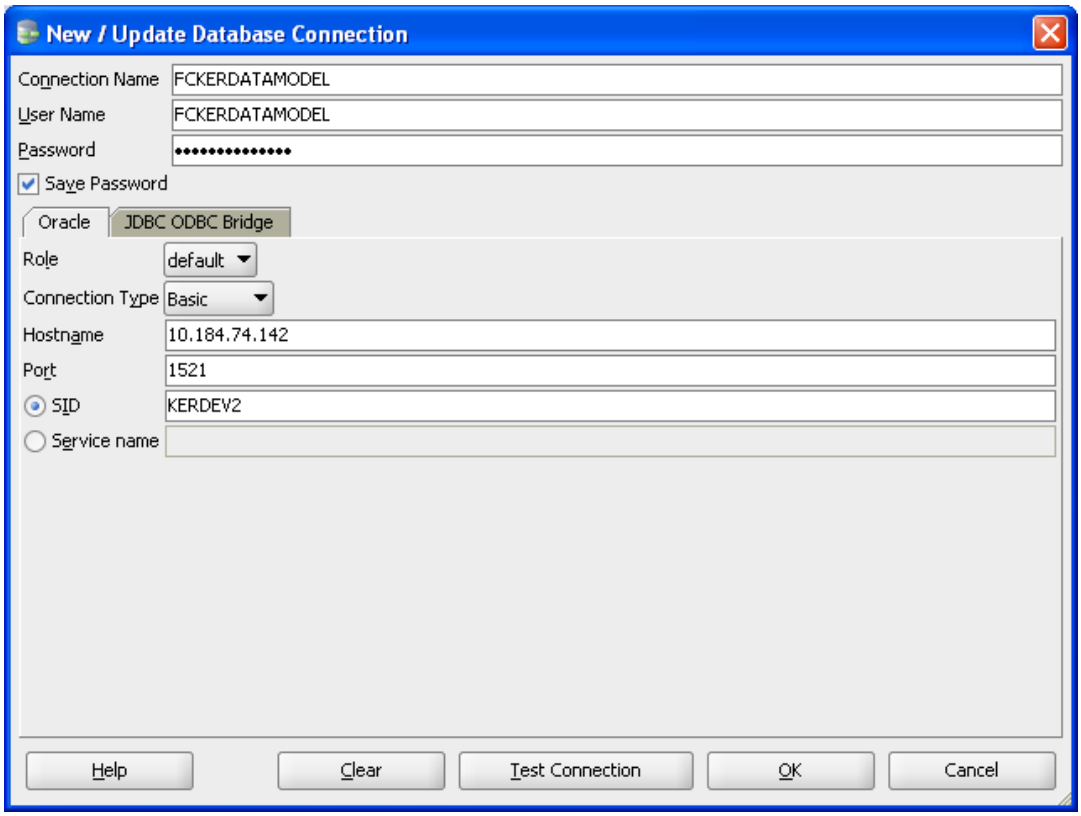
2. Click on File → Import → Data dictionary.



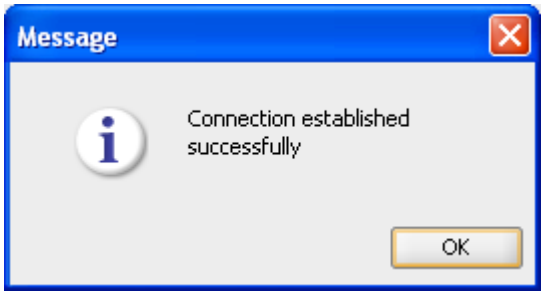
3. Click **Add**.



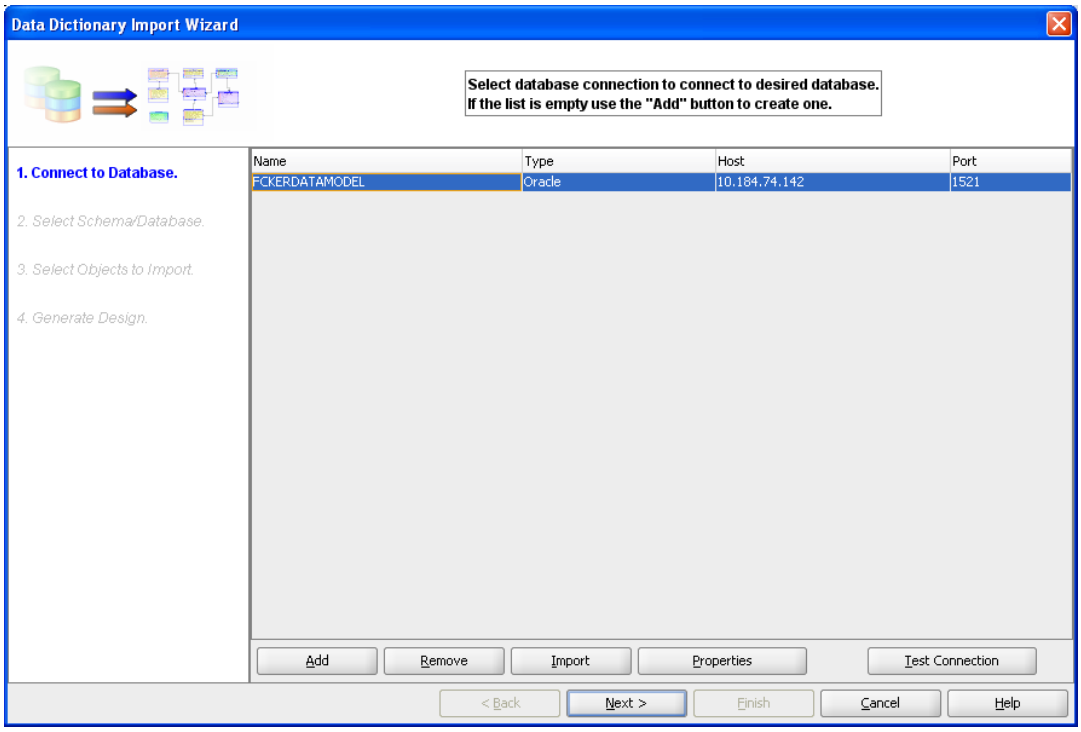
4. Provide the **database connectivity**.



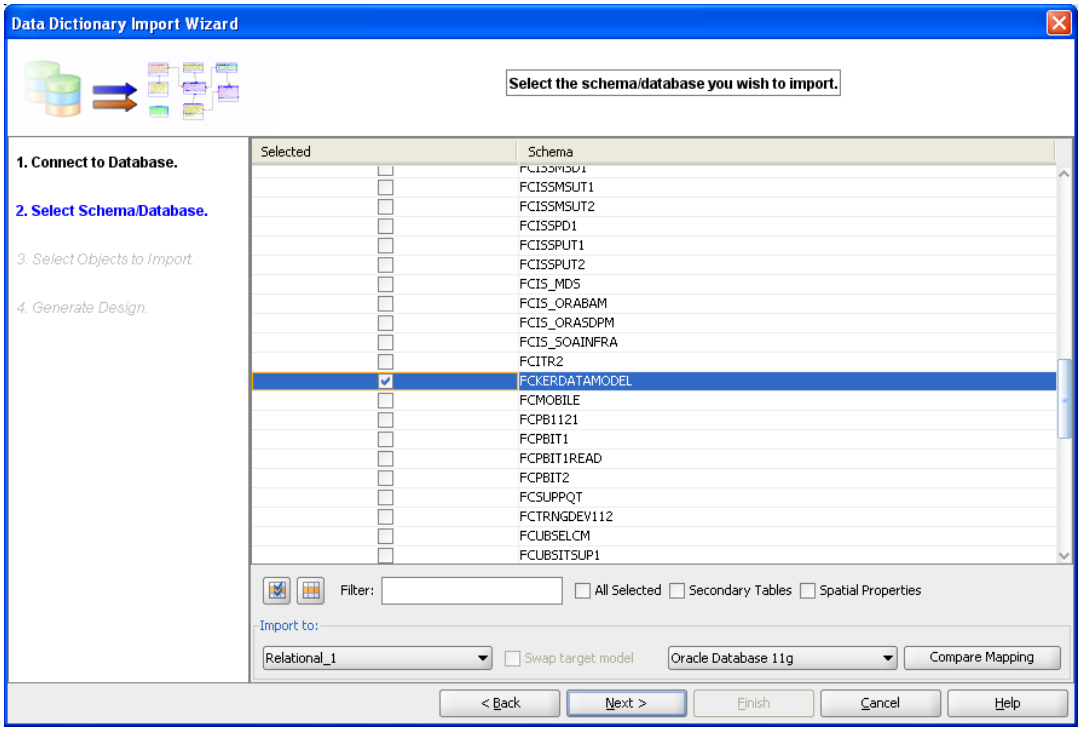
5. Click **Test Connection** and ensure it is successful. If connection fails, verify and repeat step4.



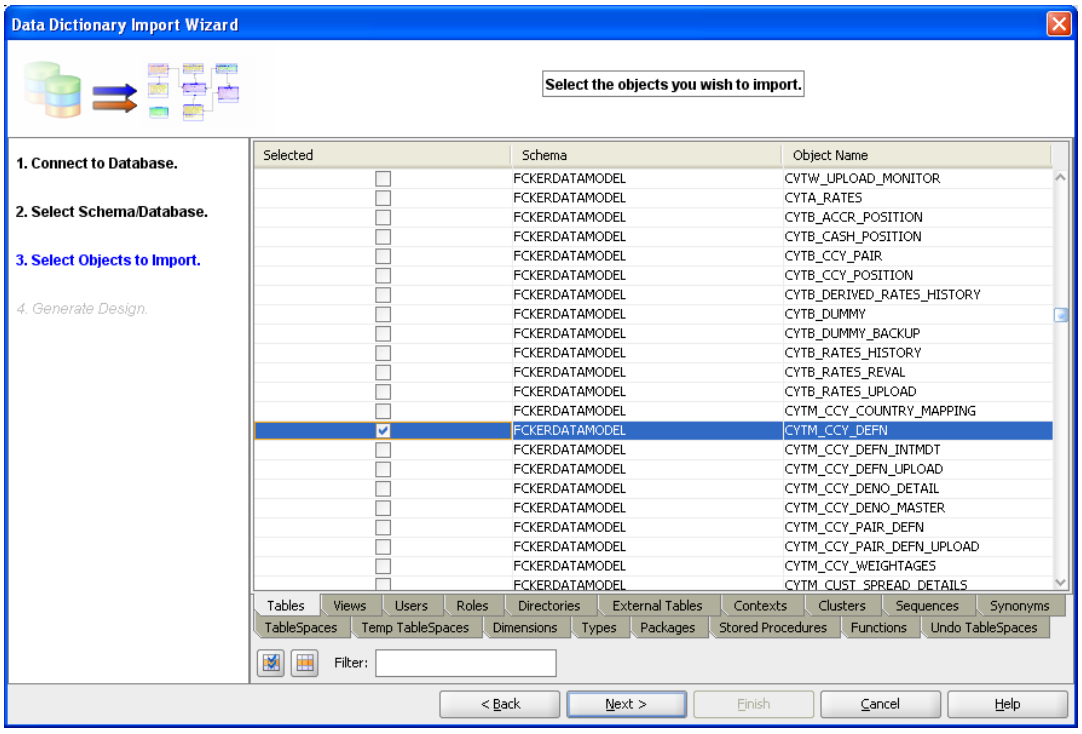
6. Click database connection row.

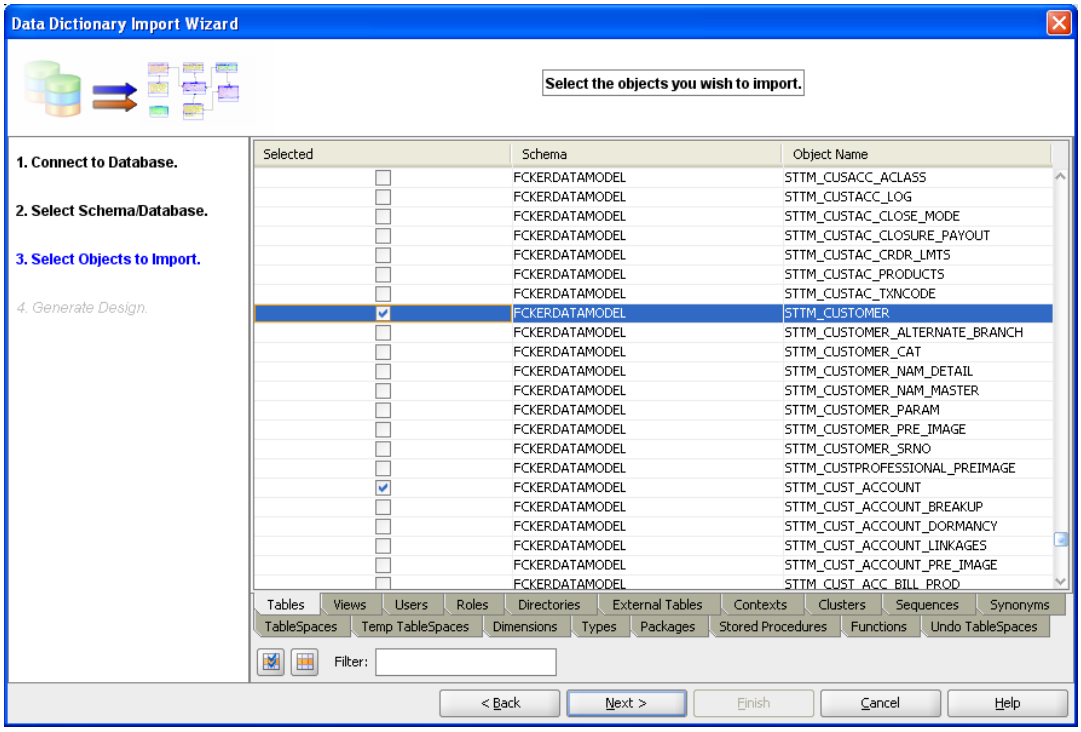


7. Select the database schema name.

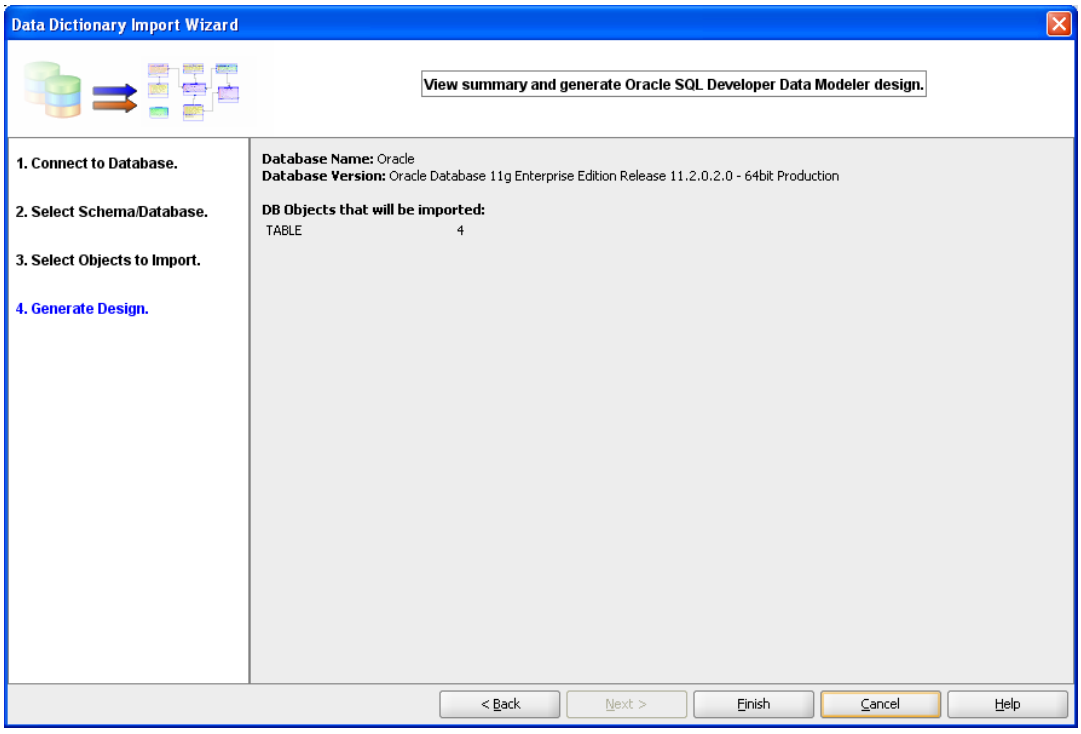


8. Select the entities(tables) that are to be used in ER diagram.

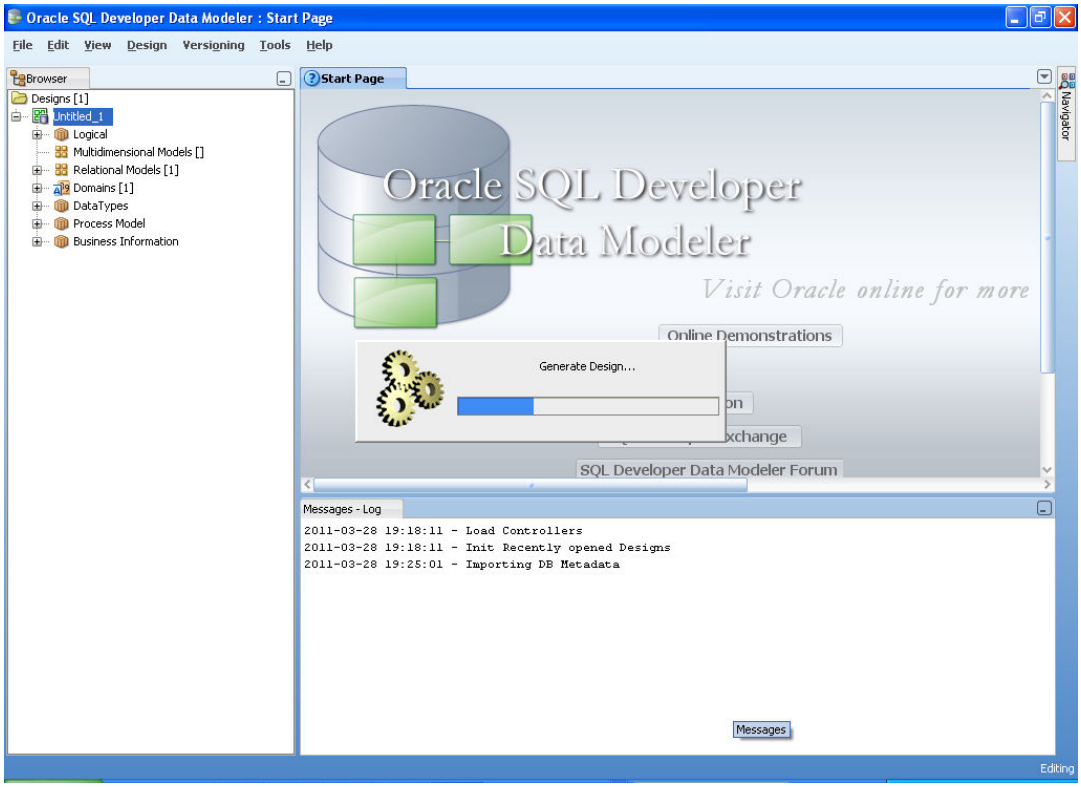


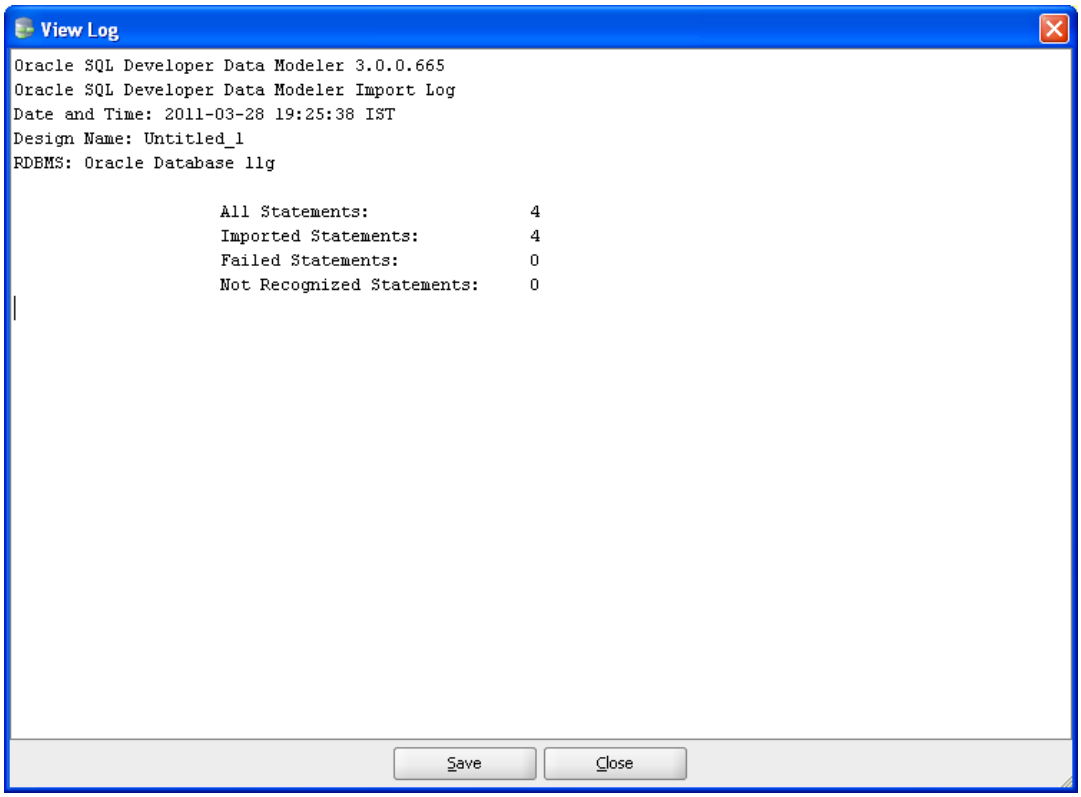


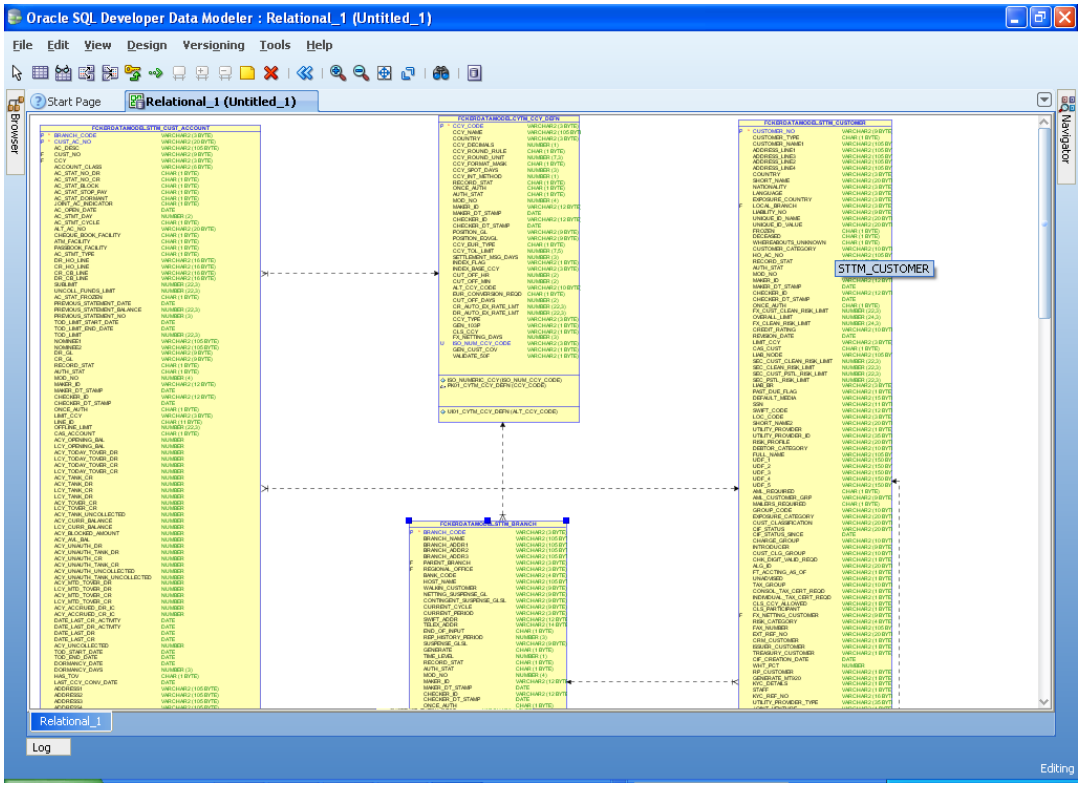
9. Click **Next**.



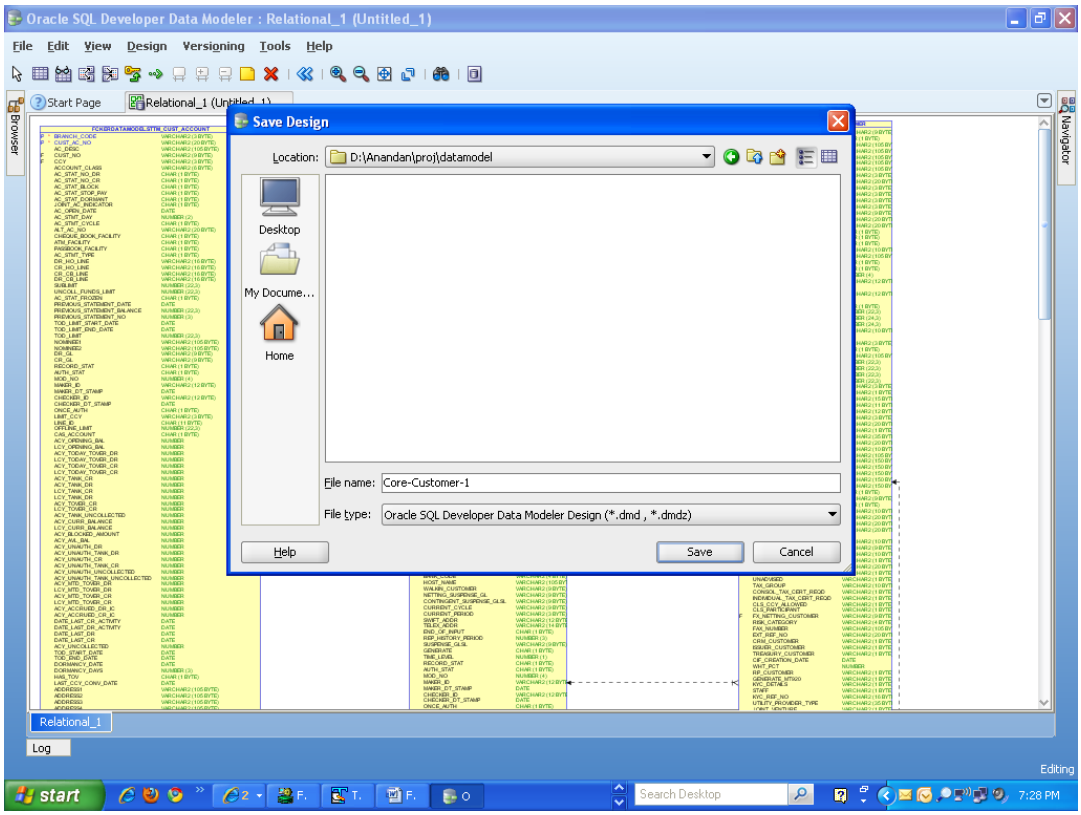
10. Click **Finish**.

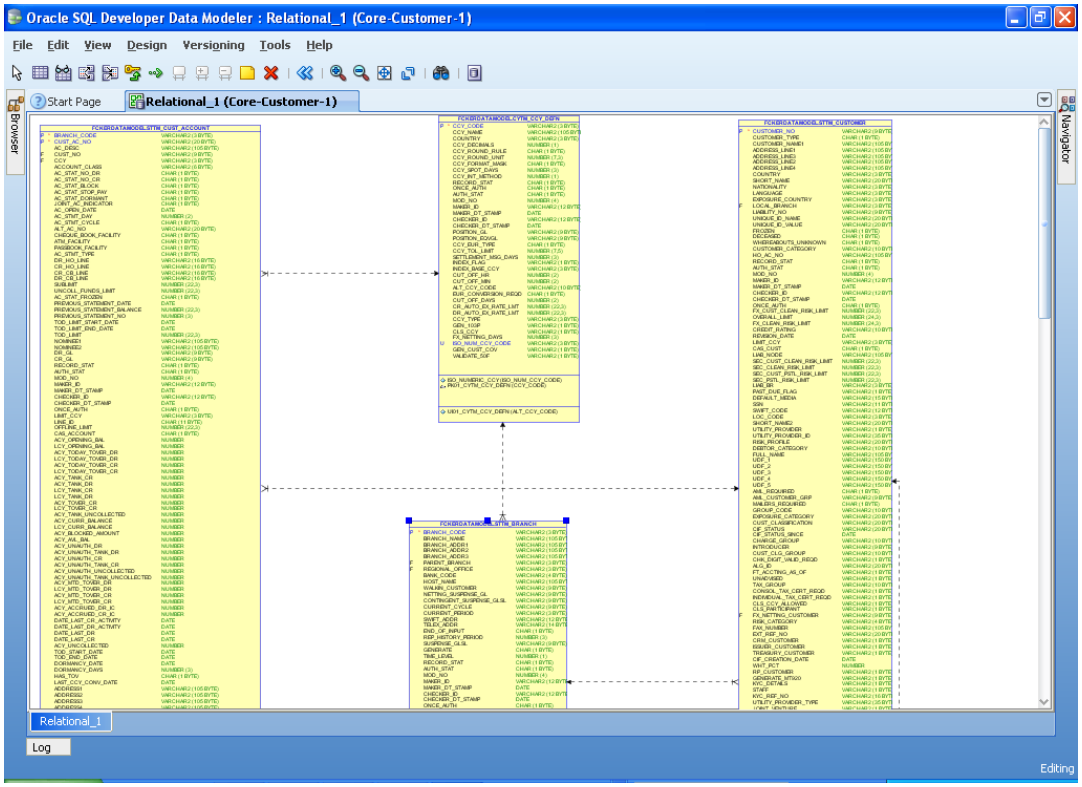


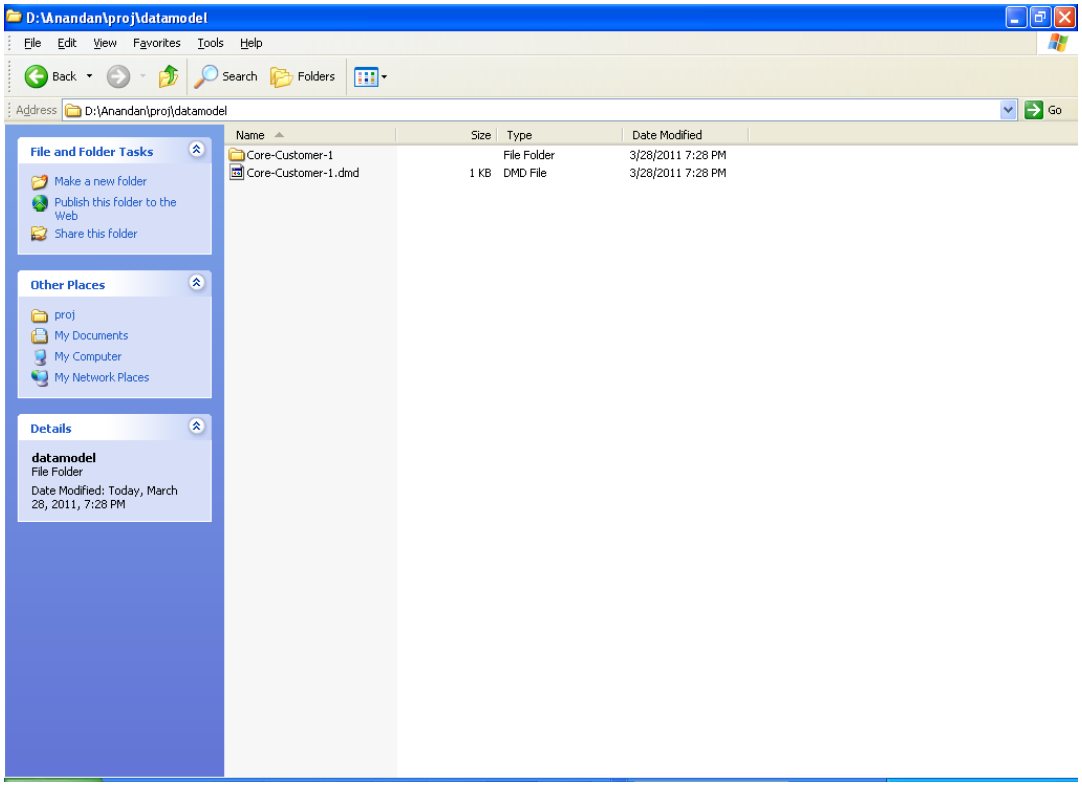




11. The ER diagram can be saved as **.dmd** file if required.







Index

C