Oracle® Banking Corporate Lending

Data Model - Getting Started

Release 14.8.0.0.0
G29825-01
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Oracle Banking Corporate Lending Data Model - Getting Started, Release 14.8.0.0.0

G29825-01

Contents

Preface

This topic contains the following sub-topics:

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.

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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.

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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 sub-topics:

- 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

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

1.3 Oracle SQL Developer Data Modeler

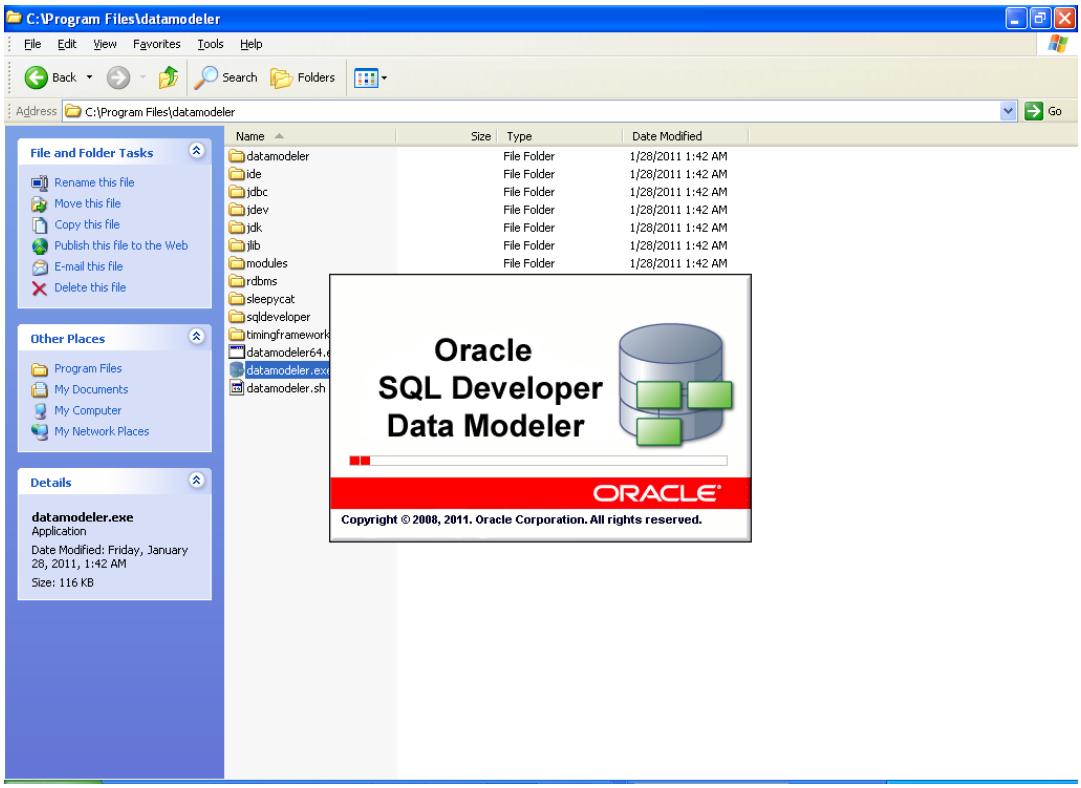
This topic describes the Oracle SQL Developer Data Modeler.

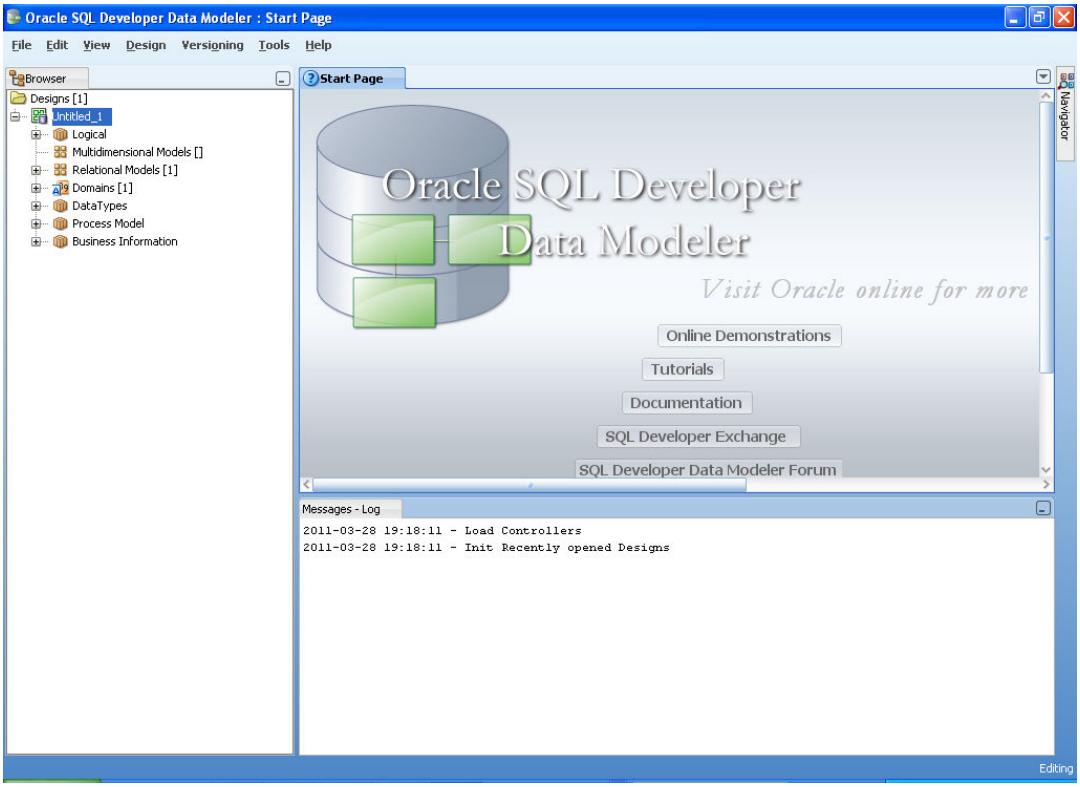
Ensure you have installed the Oracle SQL Developer Data model in your local system. Refer further Oracle documentation for download and install instructions, http://www.oracle.com/technetwork/developer-tools/datamodeler/downloads/index.html

1.4 Creating Data Model and ER diagram

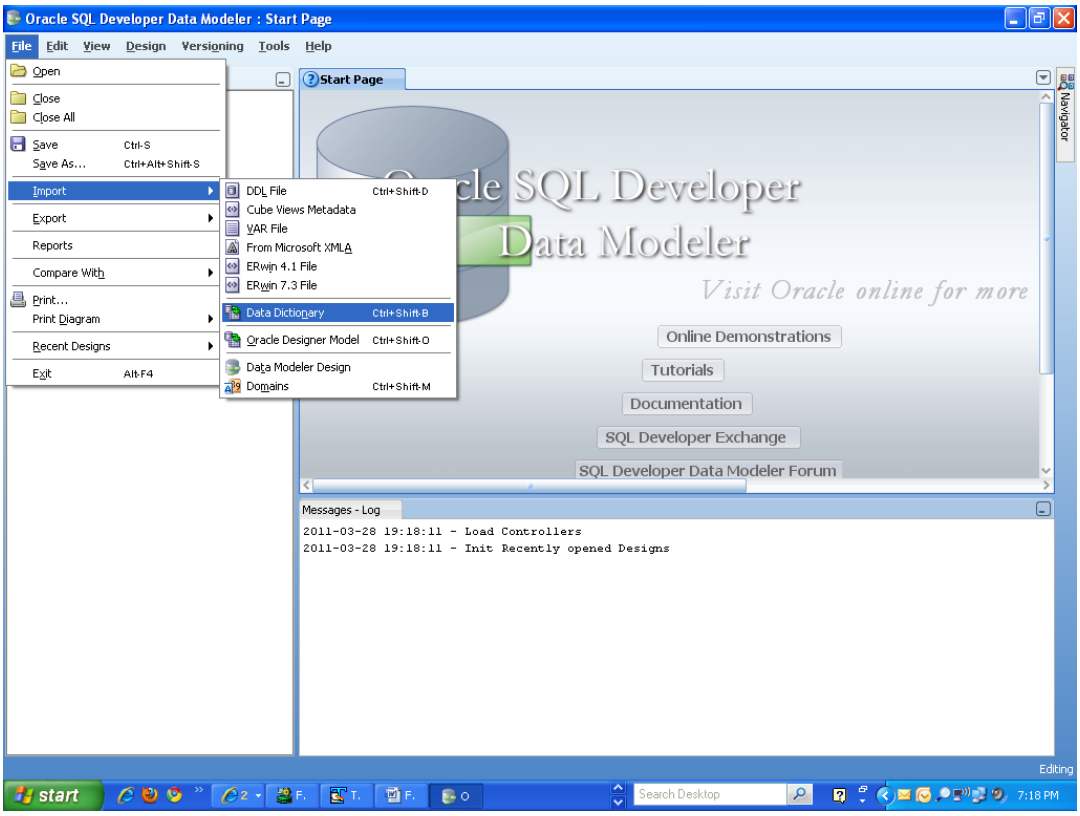
This document describes the steps to create data model and ER diagram

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

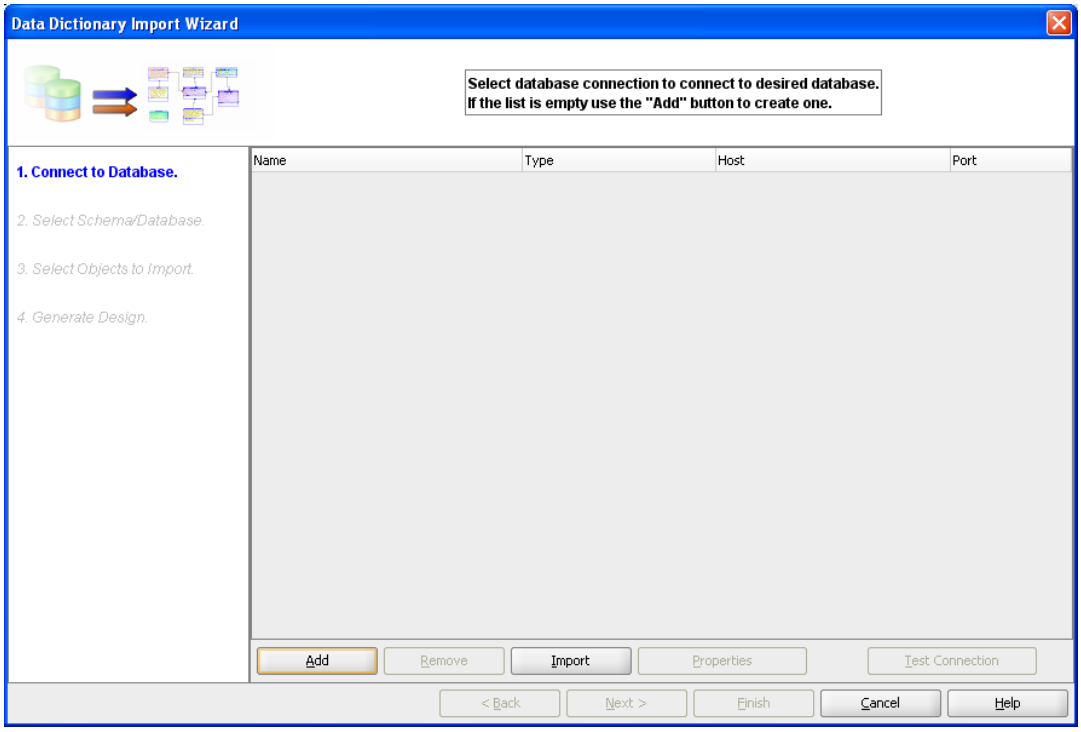




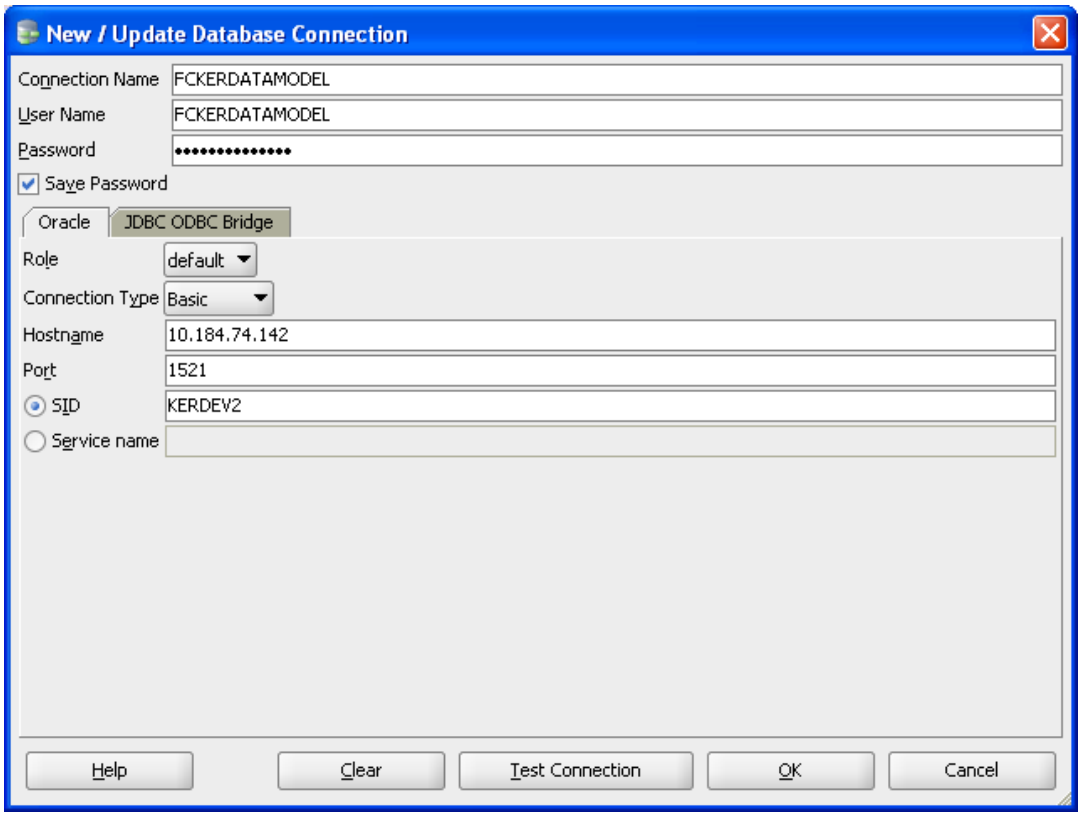
2. Click on File → Import → Data dictionary.



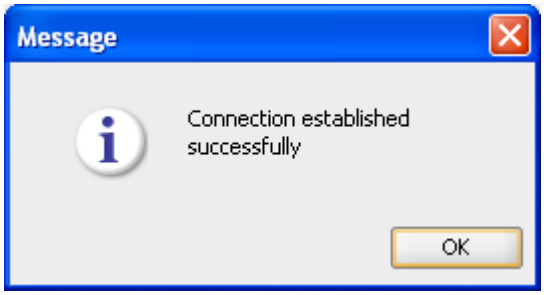
3. Click **Add**.



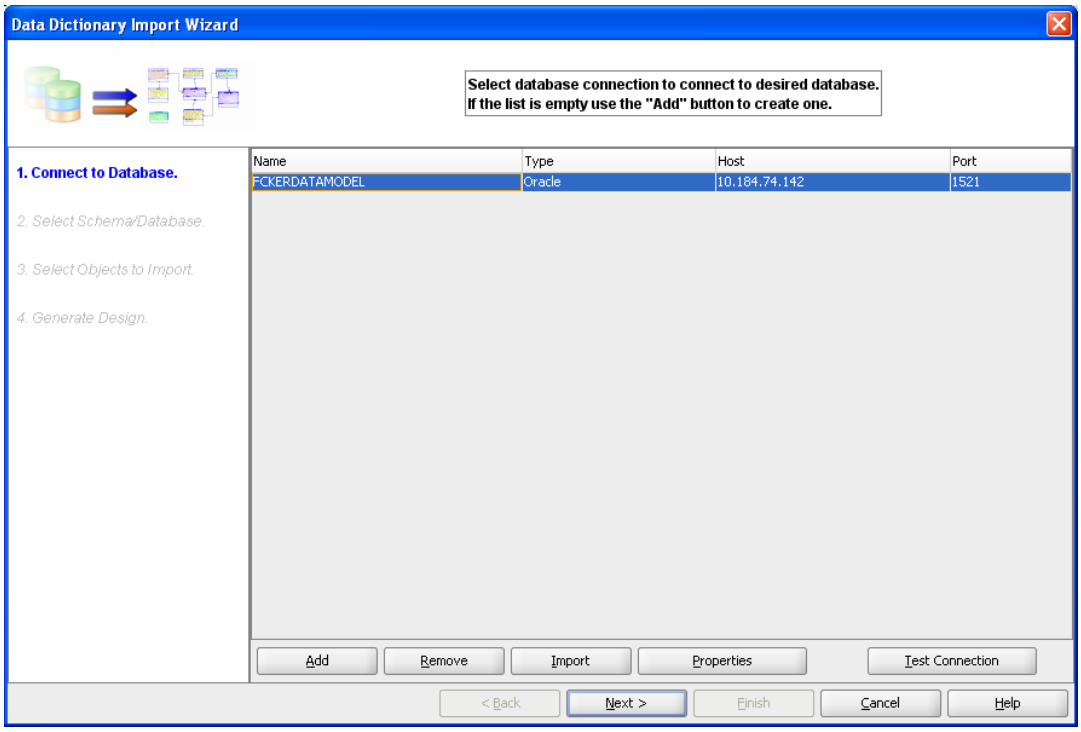
4. Provide the **database connectivity**.



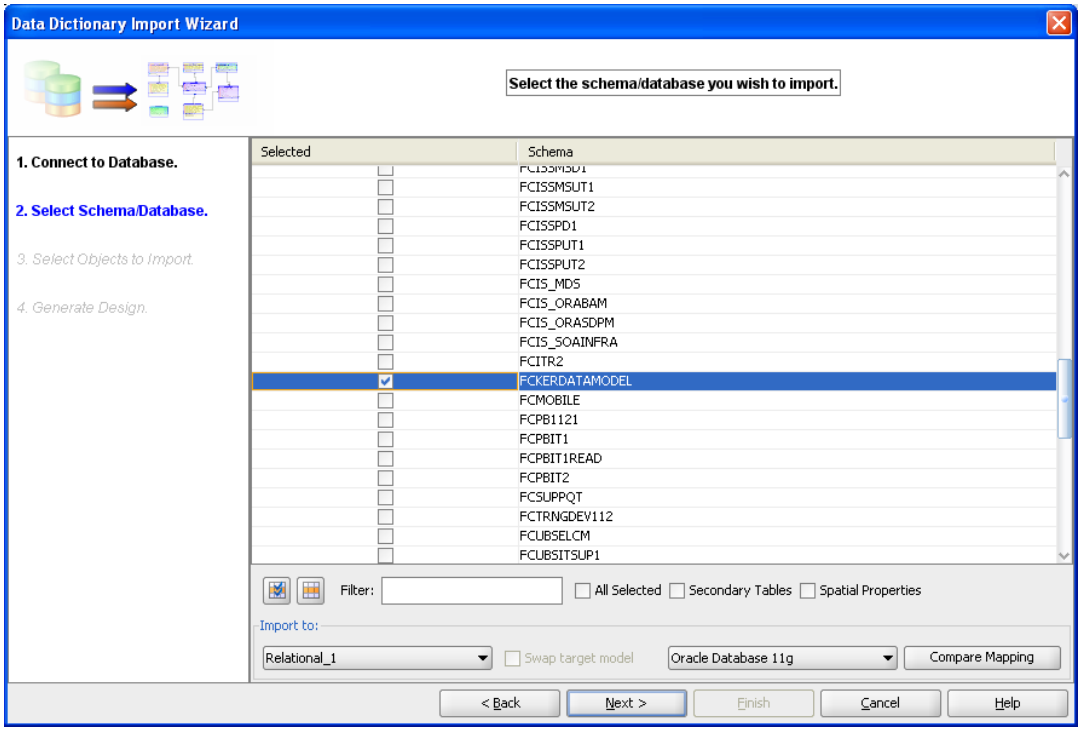
5. Click **Test Connection** and ensure it is successful. If connection fails, verify and repeat step4.



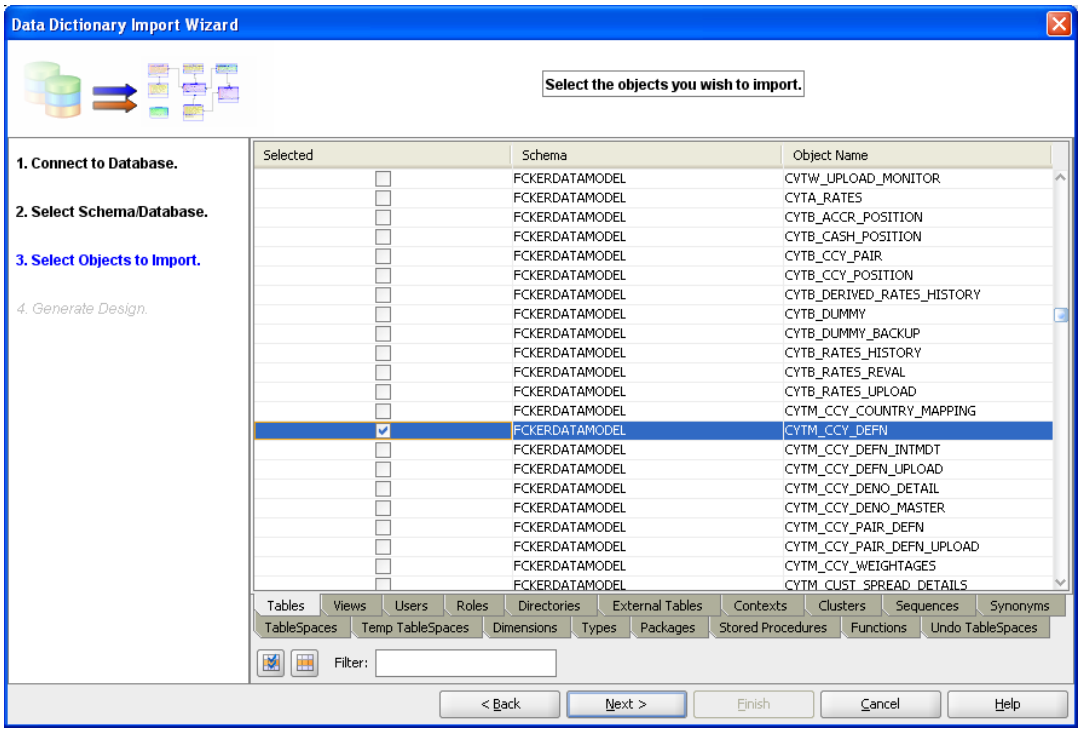
6. Click database connection row.

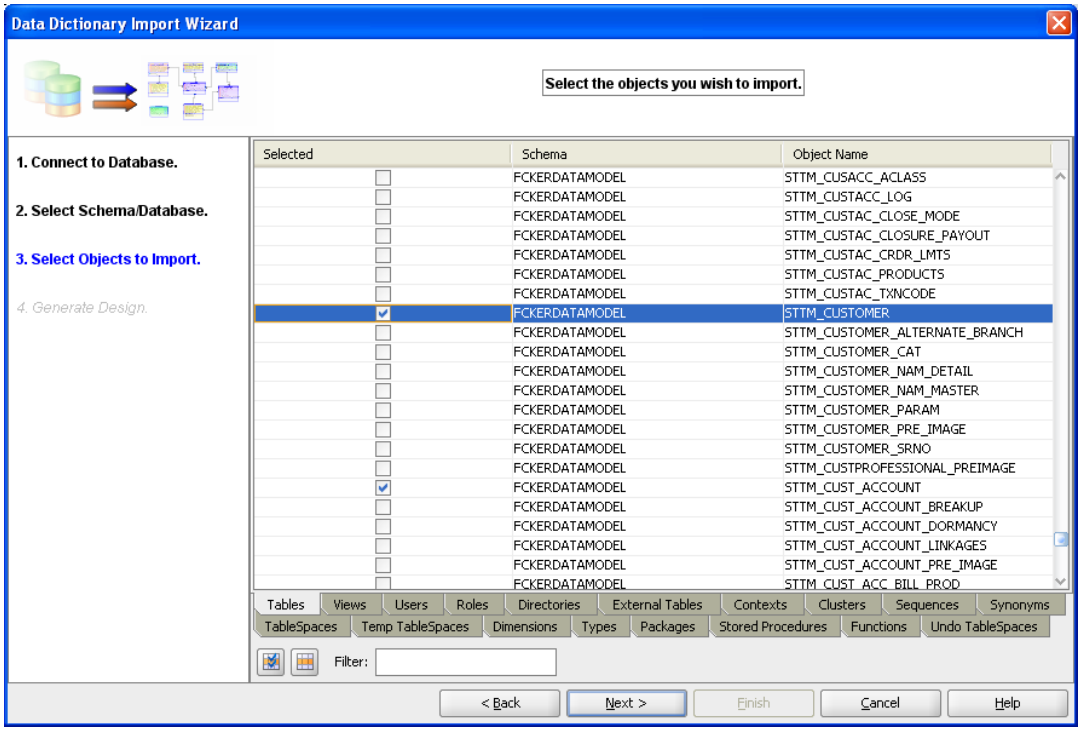


7. Select the database schema name.

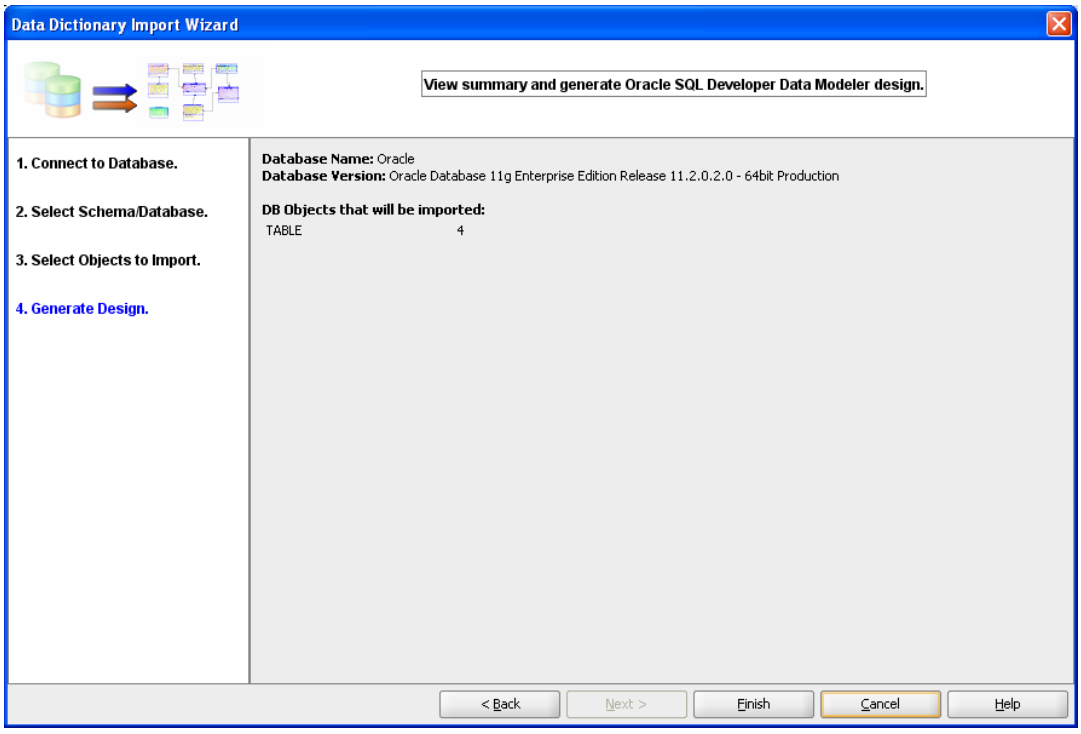


8. Select the entities(tables) that are to be used in ER diagram.

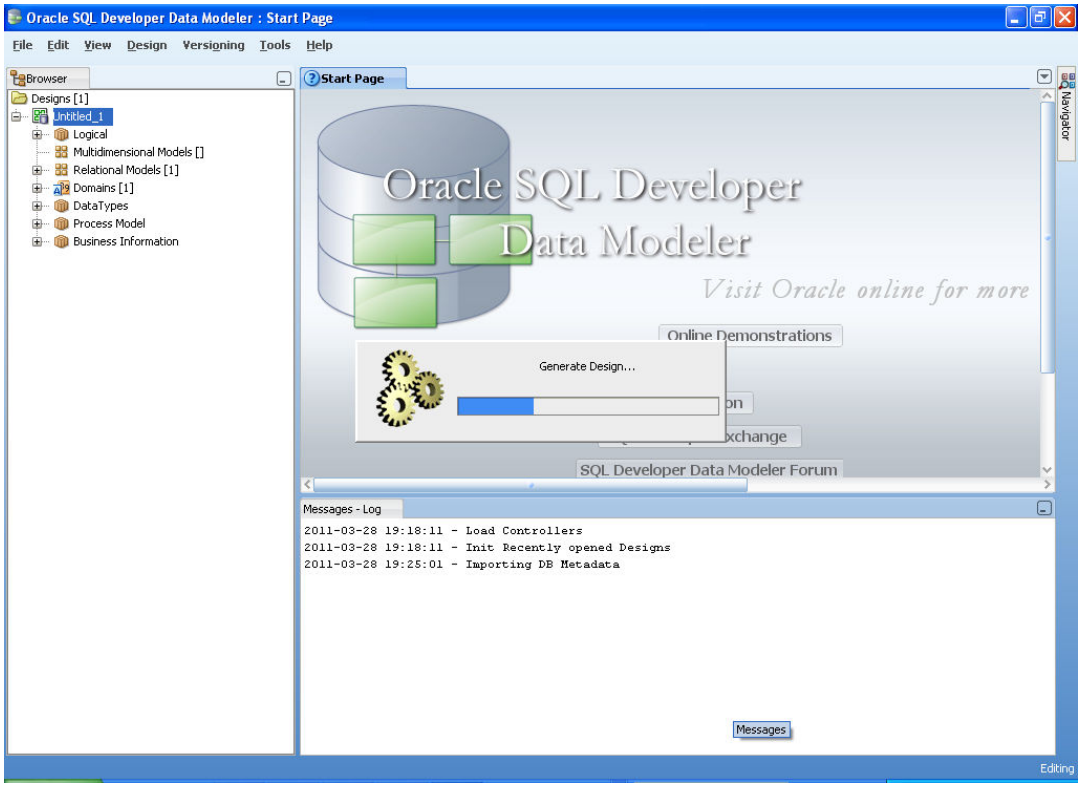




9. Click **Next**.



10. Click **Finish**.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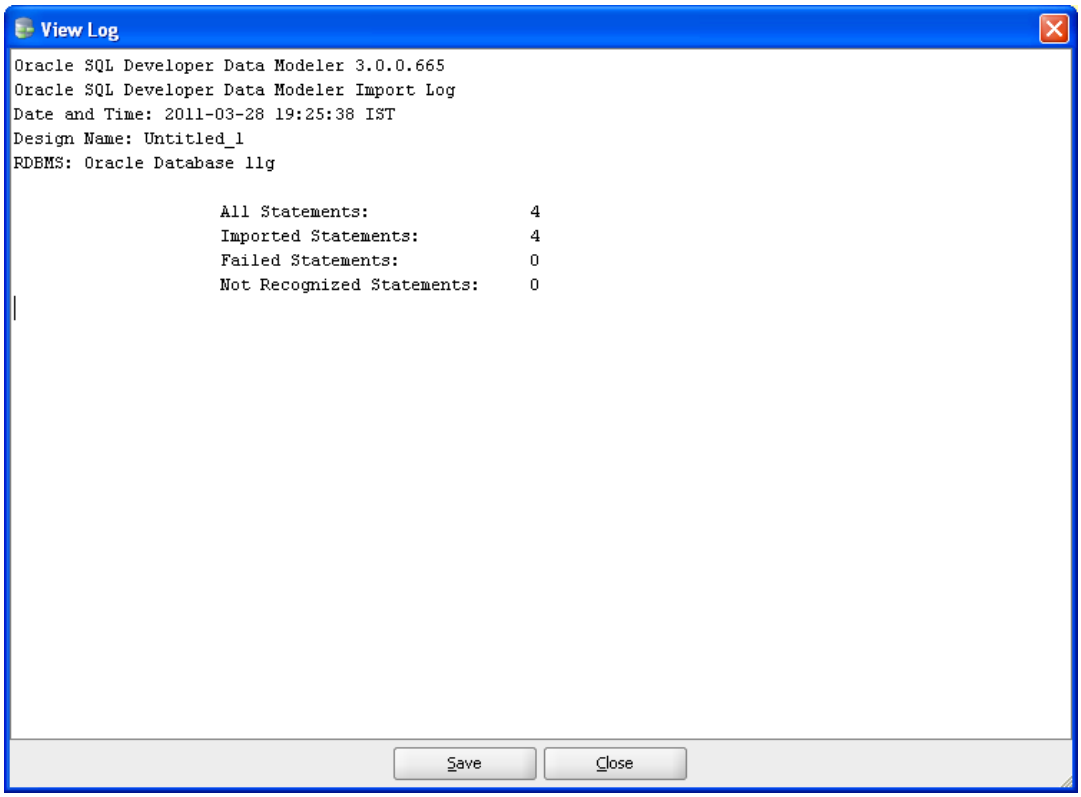
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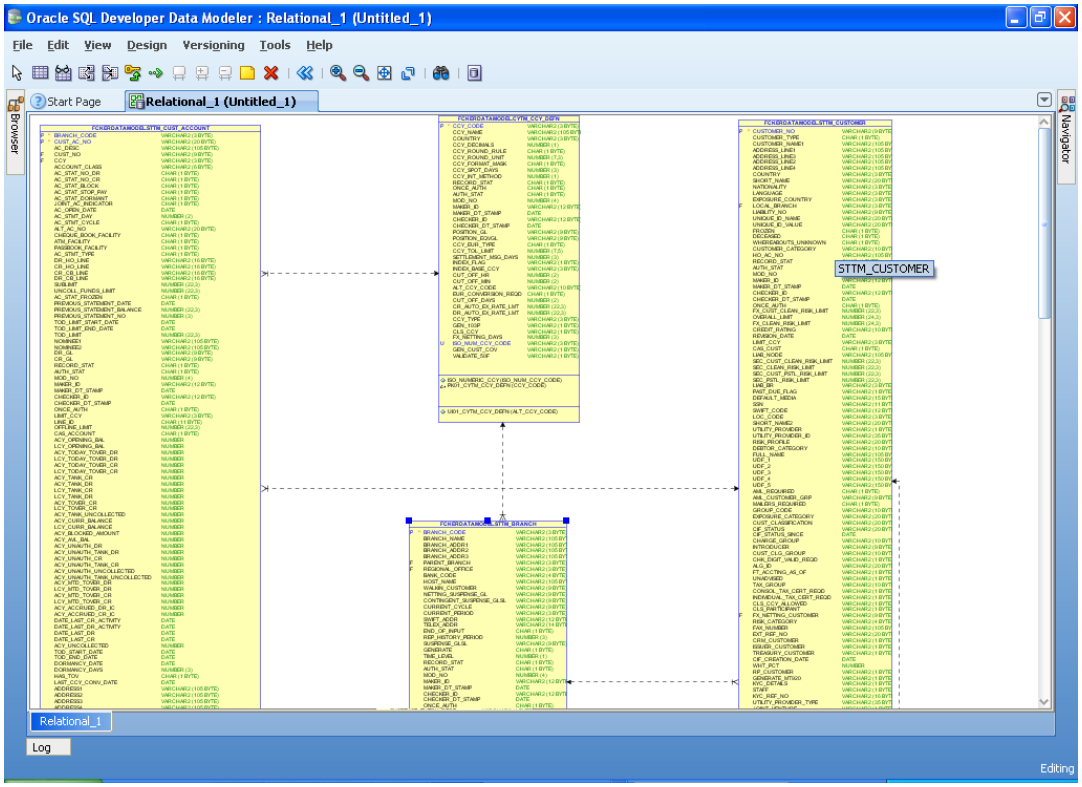
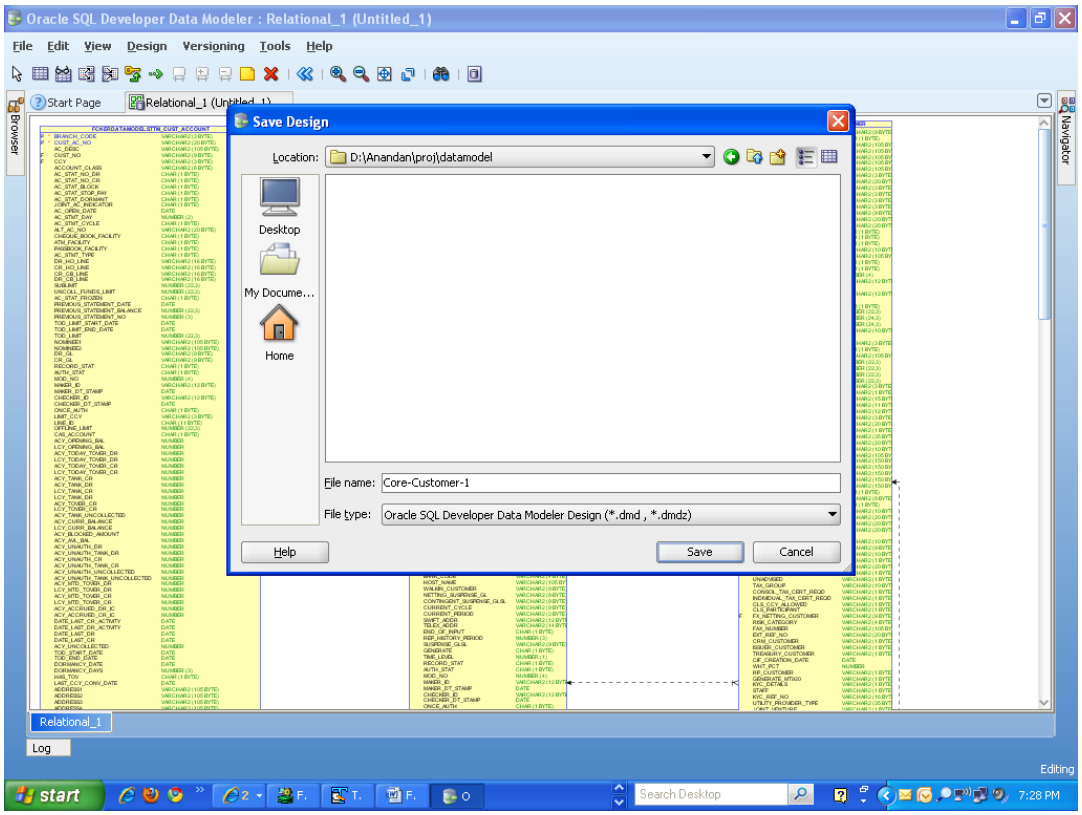
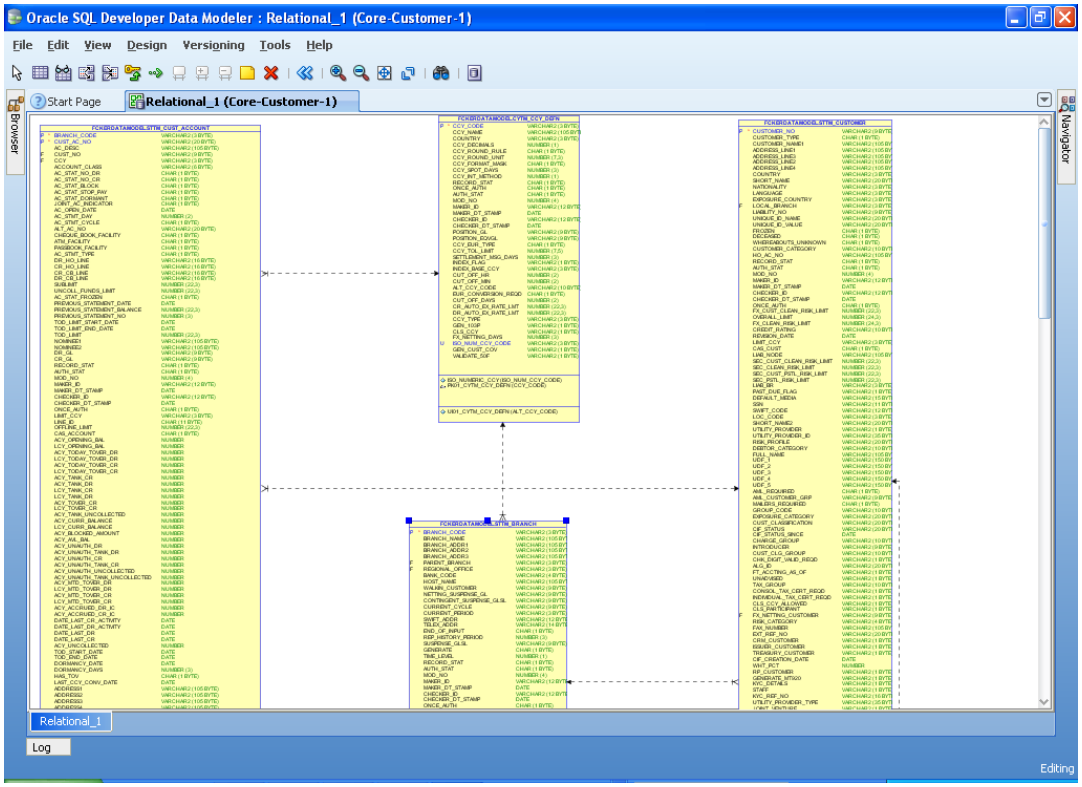
Save
Close



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

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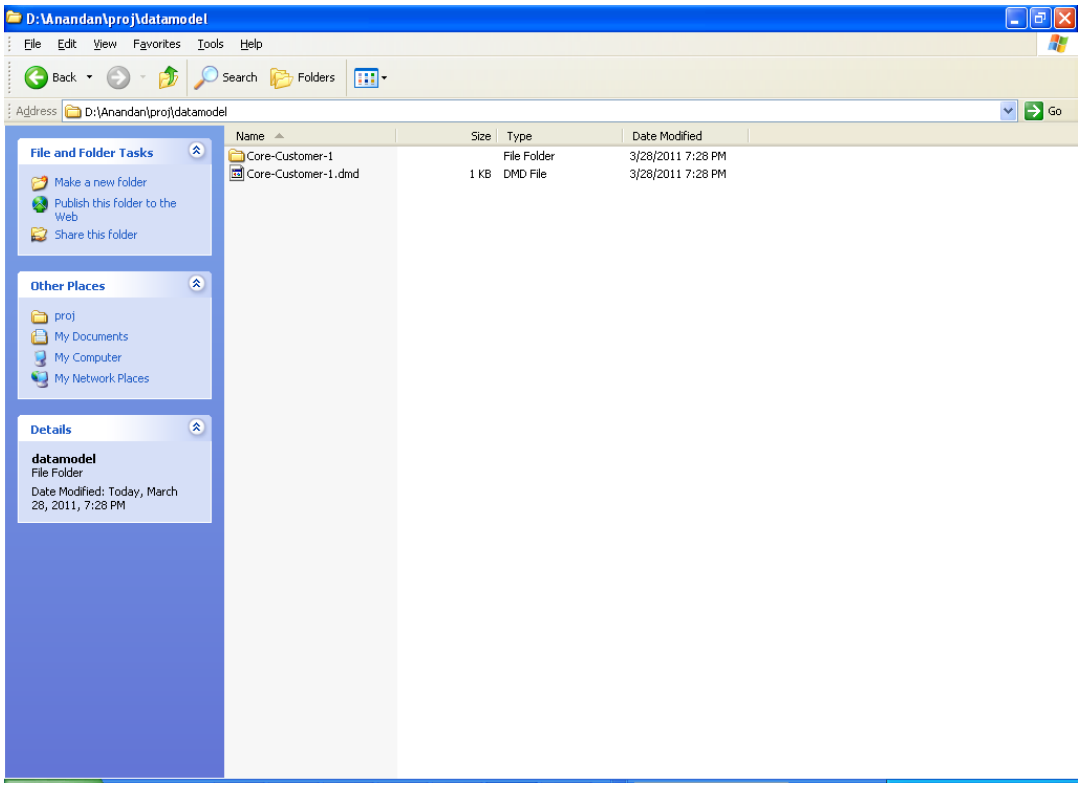
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