Import of ERwin Models

INTRODUCTION

Toad Data Modeler **3.3** allows you to import **physical** models:
- Created in **ERwin 7.1** (ERwin **XML** files),
- of **Oracle 10g** and **Oracle 9i** database.

The Erwin XML file import is possible via appropriate packages available in the Modeling community, Library section. Instructions on how to import and use the packages can be found below.

WHAT IS IMPORTED

These Oracle model items are imported from ERwin:

- Tables
- Columns
- Views
- Synonyms
- Procedures
- Functions
- Materialized Views
- Sequences
- Indexes
- Relationships
- FK, PK
- Triggers
- Domains
- User Data Types
- Defaults
- Packages
- Tablespaces

- Table Comments
- Column Comments
- Check Constraints for tables, columns and domains

ERWIN IMPORT PACKAGES INSTRUCTIONS

1. Download the .zip file from the Modeling community site, Library section, Utilities.

2. Unzip the file. The package contains the following files:

   ORErwinPER.txg, ORErwinOR.txg, ORErwinOR9.txg, ORErwinOR10.txg

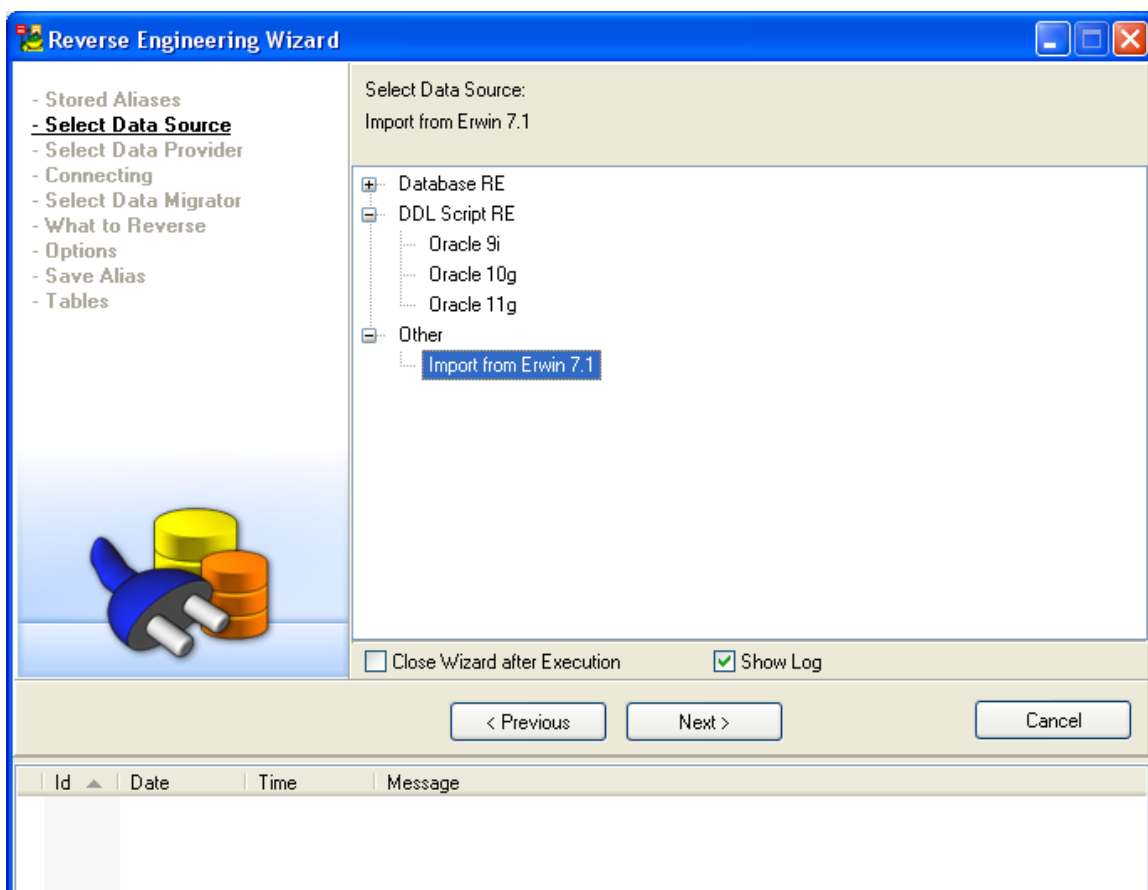3. Copy the files to a directory where you store your user packages:

C:\Documents and Settings\user name\My Documents\Toad Data Modeler\<Installation Name>\Packages\{Some GUID number}

Result: In RE Wizard, there will be a new item **Import from Erwin 7.1**. You can also see the four packages in the **Package Explorer – Object RE Erwin**…
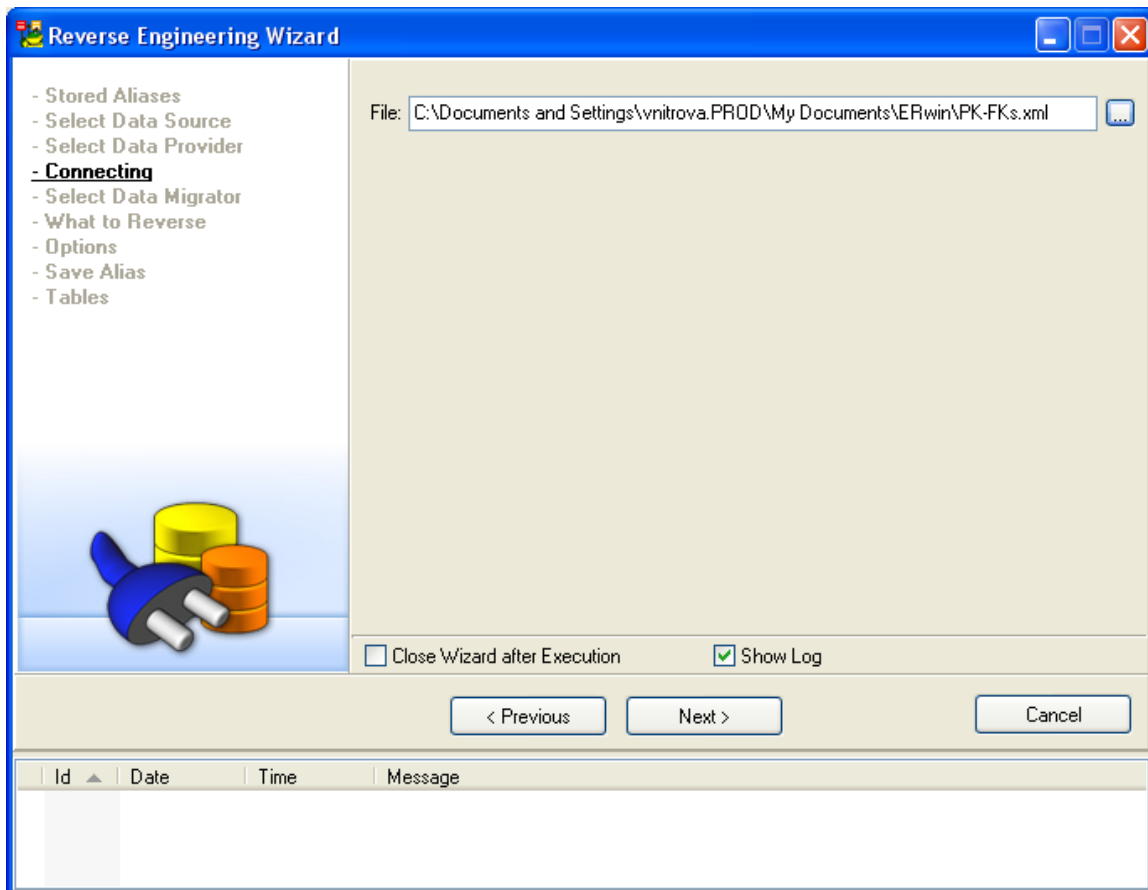
IMPORT

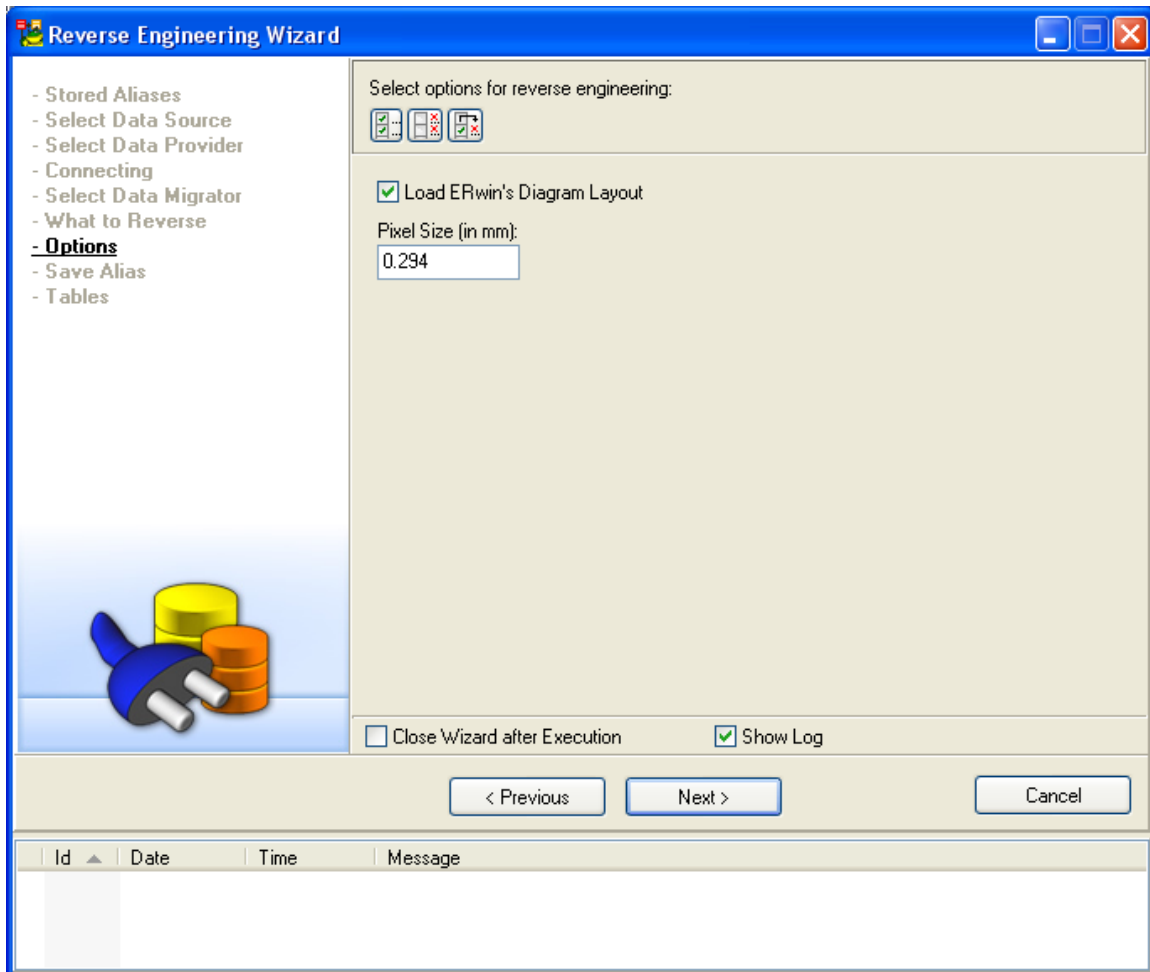The import is performed in the **Reverse Engineering Wizard**.

1. Open Toad Data Modeler.
2. Select **File | Reverse Engineering**.
3. In the **RE Wizard | step Select Data Source | Other | Import from Erwin 7.1**.

4. **Select Data Provider** - **Erwin XML model file data provider** will be selected by default.
5. In step **Connecting**, define a path to the ERwin XML file.

6. **Select Data Migrator** - **Import from Oracle 10g (Oracle 9i) Erwin XML file** will be selected by default.
7. In step **What to Reverse**, select Object Types and Properties you want to load.
8. Confirm the settings in the **Options** step.

9. In step **Save Alias**, you can save the settings under an alias name.
10. In step **Tables**, select the tables you want to load to Toad Data Modeler.
11. Click **Execute** to load the ERwin XML file and close the RE Wizard then.

Notes:

1. The import functionality is limited due to the differences between Toad Data Modeler and ERwin product.
2. ERwin allows you to create a model of this type - logical/physical for particular db, e.g. Oracle 10g. Toad Data Modeler allows you to reverse such a model as it considers it to be a physical model of Oracle 10g db. However, in fact it is not. This is a problem of Toad Data Modeler and we will fix it. CR # 55 896.

   In any case, Toad Data Modeler does not allow you to reverse logical models from ERwin.