

Vanilla

BI DWH Designer

DataWareHouse design



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4.0 Version

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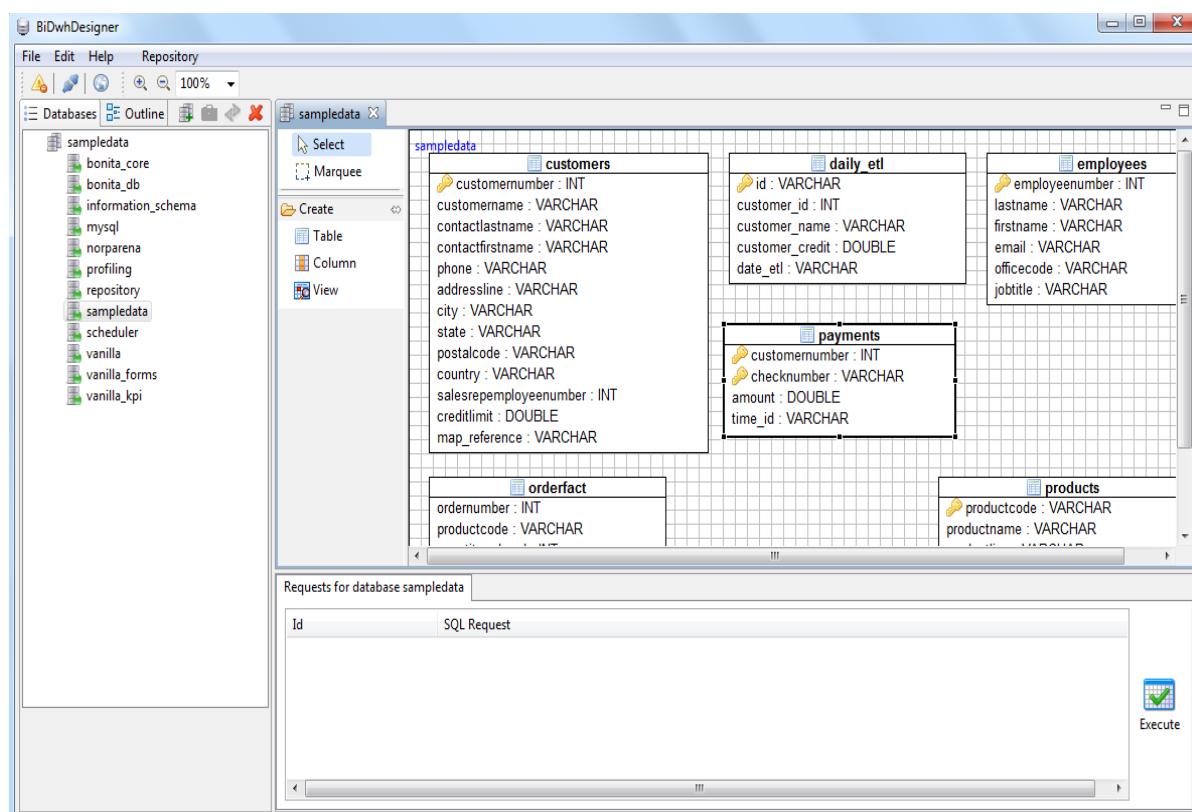
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Introduction

The BIDWhDesigner is the Vanilla module for analysis, creation and saves of the views of your datawarehouse.

You can create datawarehouse views which will be used in your different objects through the Vanilla designer modules.

All the requests, definitions and analysis are saved into files in order to access faster to these objects.

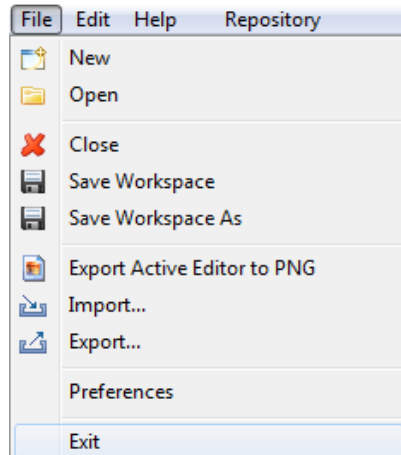


Overview of BIDWHDesigner

We will describe the menus and interfaces of the BIDWHDesigner module.

Menus descriptions

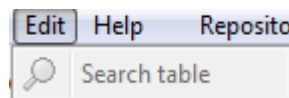
File



The File menu has the following items :

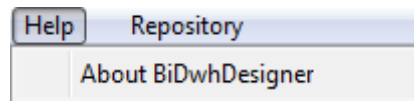
- New : new model creation
- Open : open an already existing model
- Close : close the current model
- Save Workspace : save the model
- Save Workspace As : save the model as ...
- Export Active Editor to PNG : save the workspace as an image
- Import : import a DataWareHouse view from a repository
- Export : export a DataWareHouse view to a repository
- Preferences : open a preferences window (not used)
- Exit : exit the application

Edit



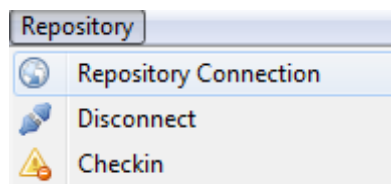
Search table can find a specified table in your workspace.

Help



About BiDwhDesigner shows information about the current version of the BIDWHDesigner module.

Repository



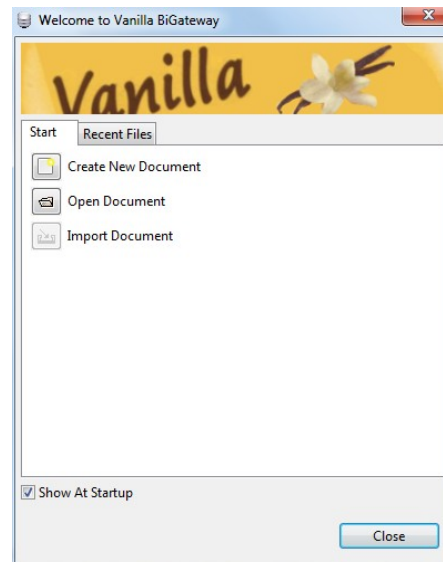
The Repository menu has the following items :

- Repository Connection : connect to a repository
- Disconnect : disconnect from a repository
- Checkin : not used

Interfaces descriptions

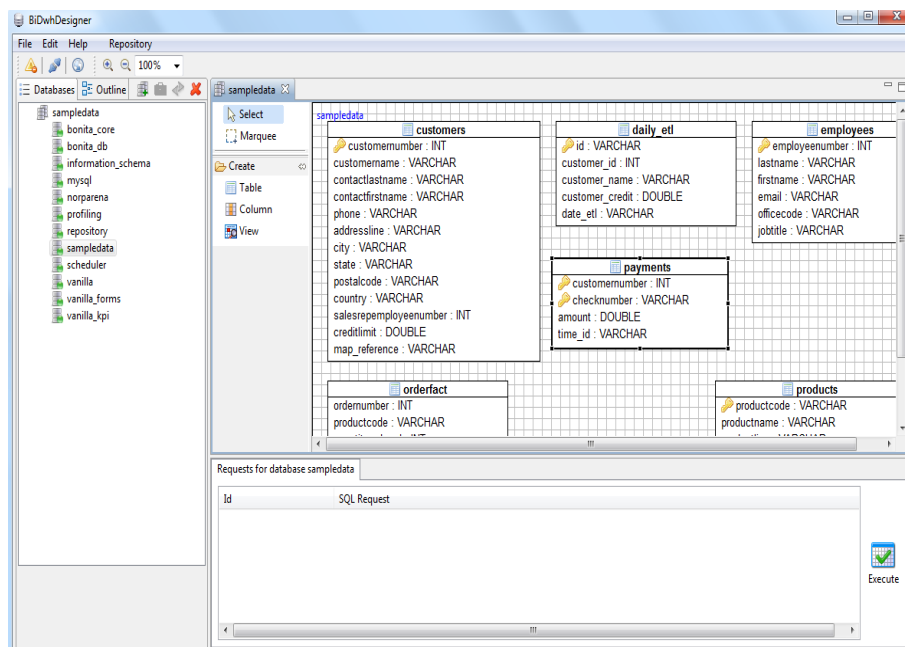
Welcome PopUp

The first window to appear is the welcome popup.



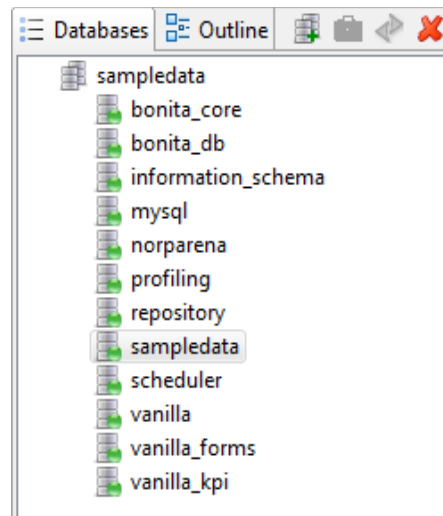
Thanks to this window, you can create a new model, open an already existing one or a recent one.

Main frame



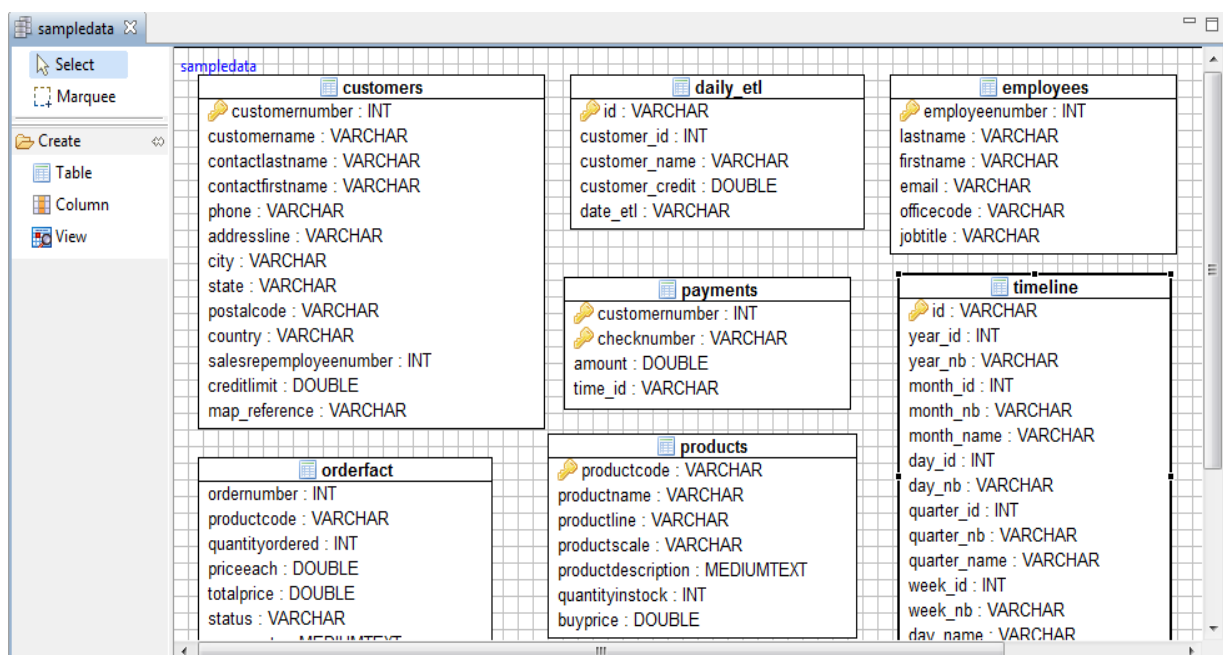
We will describe the panels of this interface.

Browser panel



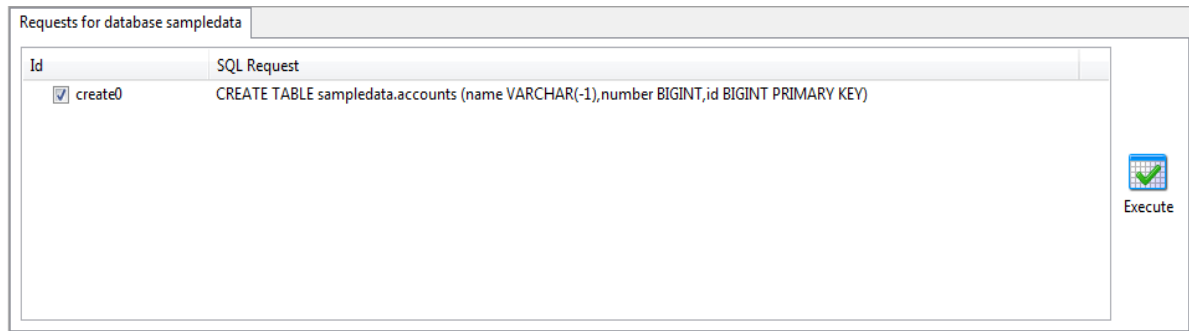
This panel allows to browse the sources you got.

Workspace




This panel displays the tables and columns you got (or you created) in your different sources.

Requests panel



This panel displays the requests which lead to the creation of the datawarehouse you designed in the workspace panel.

Note that you can run them by clicking on  Execute

Integration with the other Vanilla components

The BIDWHDesigner is the place where you create and manage your datawarehouse.

The datawarehouse views can be saved into your repository in order to use them through :

- FreeAnalysis Schema Designer for cubes creation
- FreeMetadata for business views creation

About this documentation

This documentation is about BIDWHDesigner (version 4.0, released January 2012).

It describes the main functions and the general use and puts aside minor bugs.

Architecture & Installation

BIDWHDesigner download

Download BIDWHDesigner at the following url :

<http://www.bpm-conseil.com> (Download section)

Additional downloads

Vanilla 4.0 is available for download at the following url :

<http://www.bpm-conseil.com> (Download section)

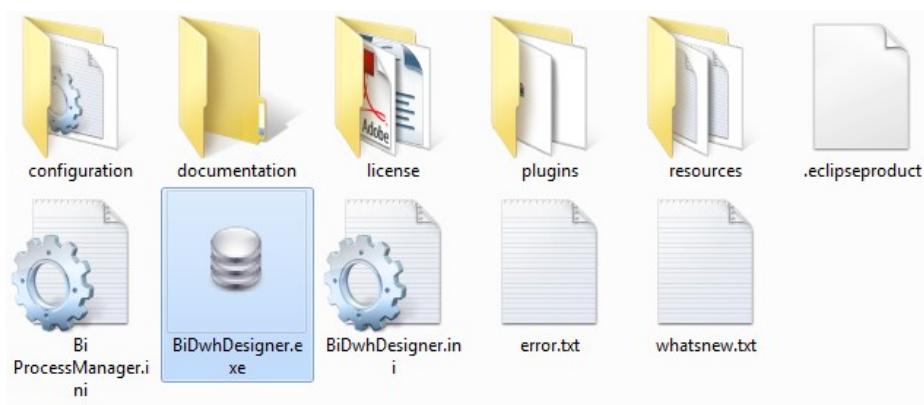
Designers modules and administration modules are also available for download at the same url.

Installation

Unzip the BIDWHDesigner package (or run the installer version if available).

Do not unzip your package in a folder whose name contains a space character.

Run BIDWHDesigner.exe in order to start a session.



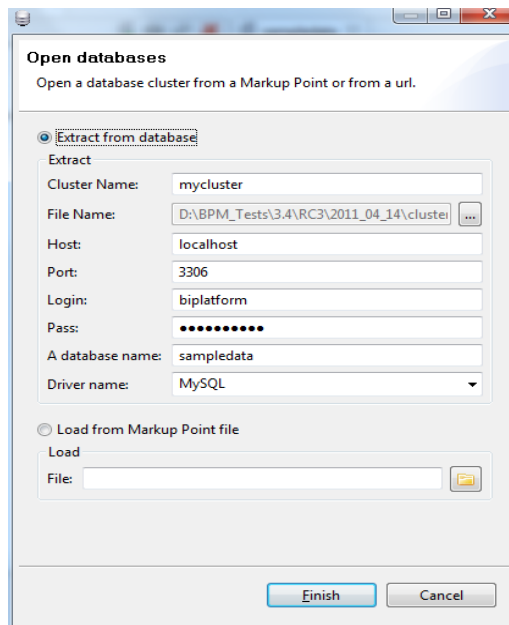
Start with BIDWH Designer

Database creation

In the browser panel, click on



This window appears.



2 options are available :

- Extract from catalog

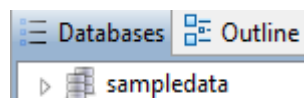
This option is about new source creation in your browser panel. You have to fill the requested information in relation with your connection.

- Load from Markup Point file

You can add a source in your browser panel thanks to an already existing file which contains its definition.

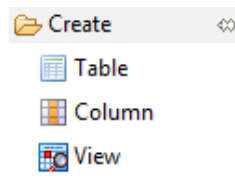
Click on Finish.

Your source is now available in your browser panel.



Child elements creation

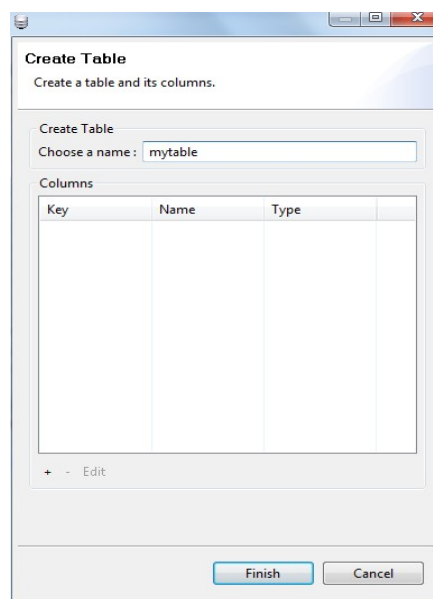
You can create new tables, columns or views thanks to the tools of the workspace panel.



We will describe a new table creation.

Drag and drop the Table element from the Create folder to your workspace.

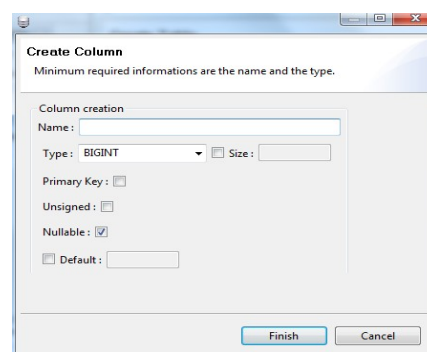
This window appears, name the table.



You can add, delete or edit the columns of your new table :



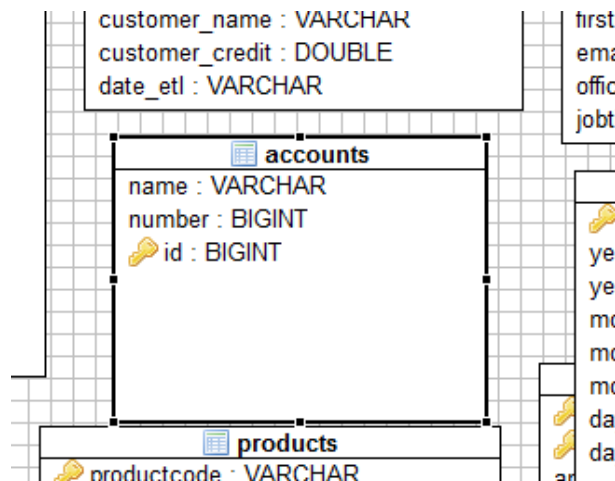
When you add a new column, this window appears.



Once your column creation done, click on Finish.


Once all your columns created, click on Finish.

Your table is now displayed in your workspace panel.



Note that the request corresponding to your new table creation is displayed in the requests panel.

Requests for database sampledata	
Id	SQL Request
<input checked="" type="checkbox"/> create0	CREATE TABLE sampledata.accounts (name VARCHAR(-1),number BIGINT,id BIGINT PRIMARY KEY)


Execute

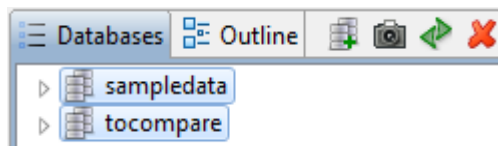
You can run it thanks to




If you defined several objects, you can select which ones you will execute thanks to the check/uncheck options of the list.

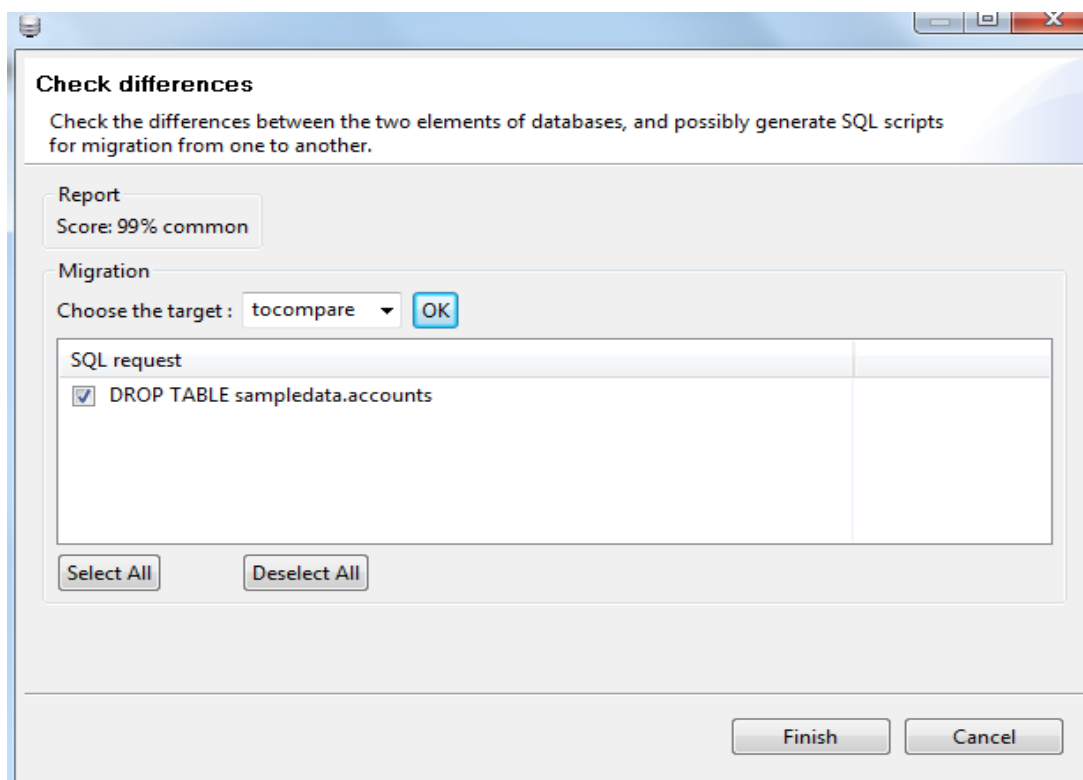
Compare two databases

In order to compare 2 sources, select the sources in the browser panel.



Click on 

Wait for the results to be displayed. This window appears.



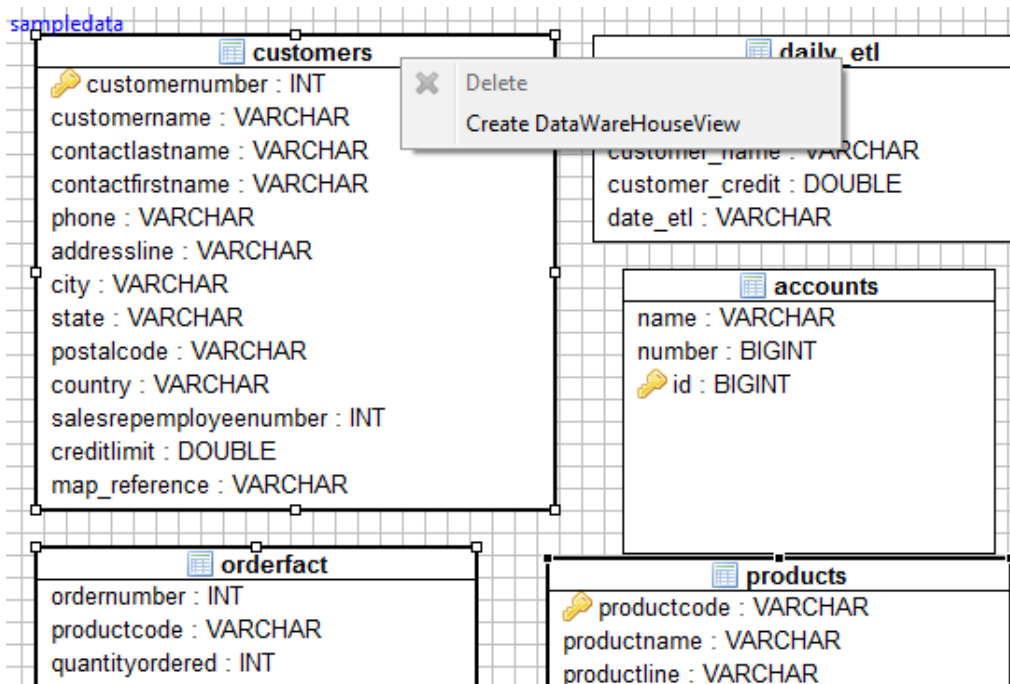
The Report field displays the 'Common state' score between the 2 source (here, 99%).

You can select the source to unify and click on OK. The compulsory requests to execute will be displayed.

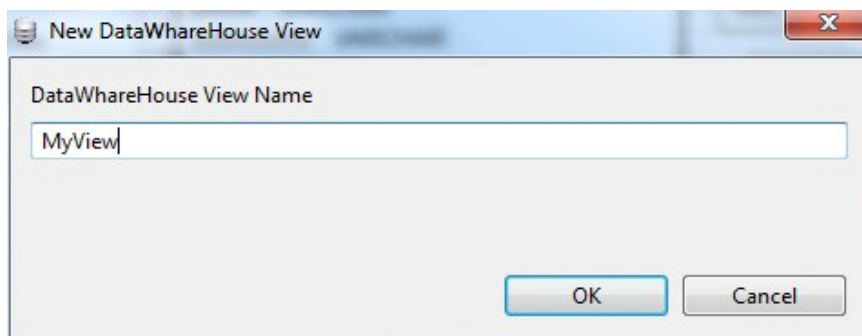
You can choose to execute or not these requests.

DataWarehouse view creation and publication

In order to create a datawarehouse view which will be saved in your Vanilla repository, select the tables which will be included in your view and right-click on them in order to open the contextual menu.

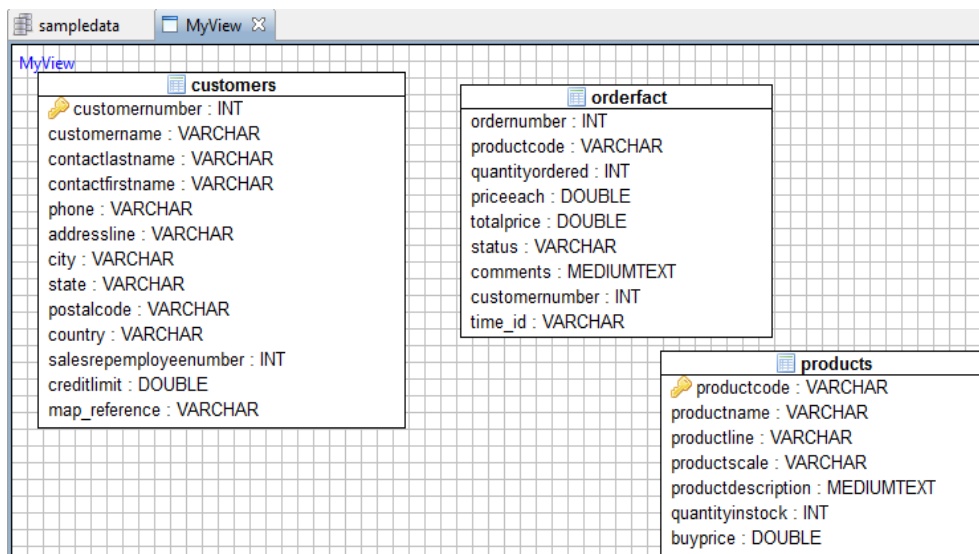


Select Create DataWarehouse View. This window appears.



Name your view and click OK.

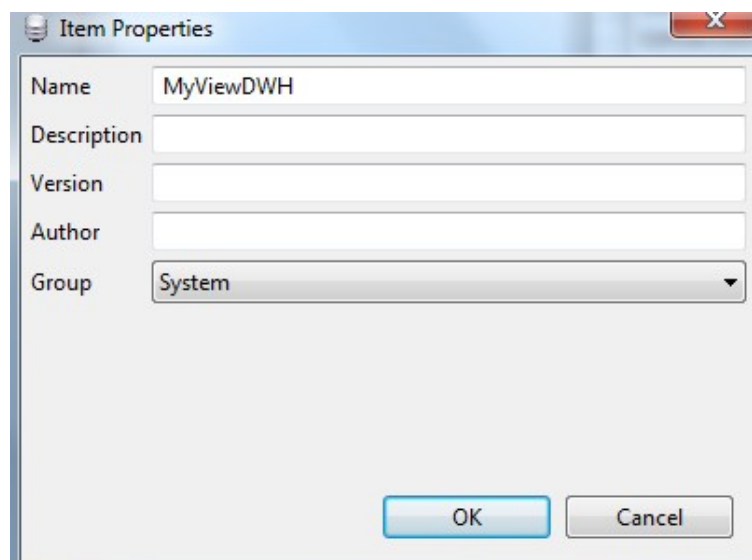
A tab with the name of your view is now displayed in your workspace panel.



In order to save your view in a Vanilla repository, select Export in the File menu.

The export windows are displayed and wait for your connection information.

Fill the fields and name your view when you publish it.



Your view is now saved and you can use it through your design modules of the Vanilla suite.