Connecting the WDI V3.3 Client to the WDI V3.3 Server database Lab

Connecting WDI 3.3 Client to Server db

Pre-requisite to beginning this lab, you must have:

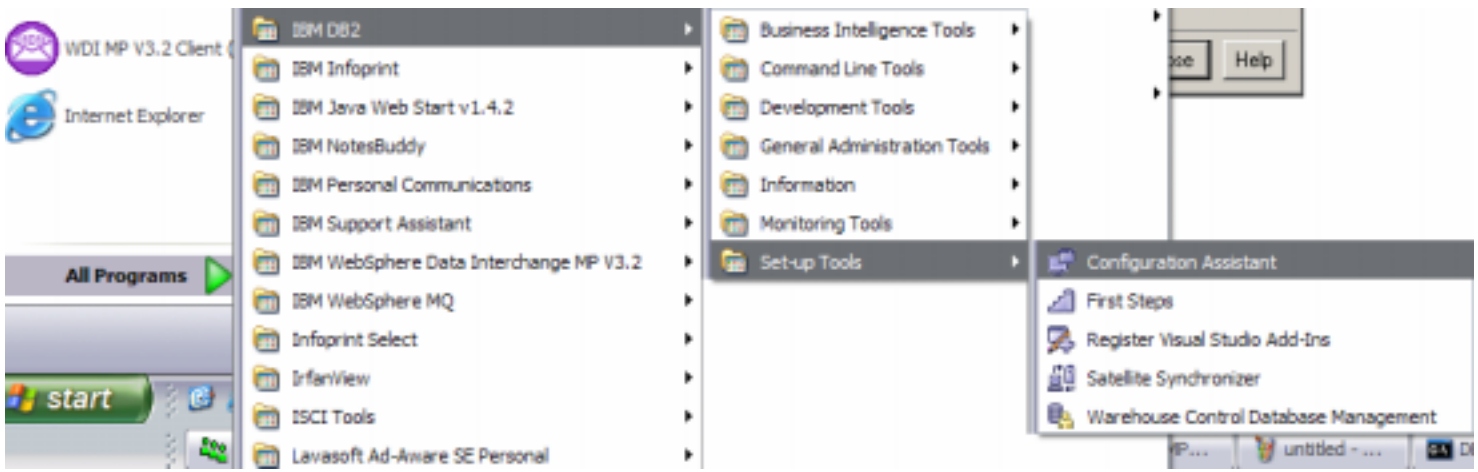
1)WebSphere Data Interchange V3.3 Client installed.

2) DB2 V8.2 (or higher) UDB Workgroup or Enterprise Edition installed

3) and have WebSphere Data Interchange V3.3 MP Server for Windows installed and the Server (DB2) database setups successfully completed.

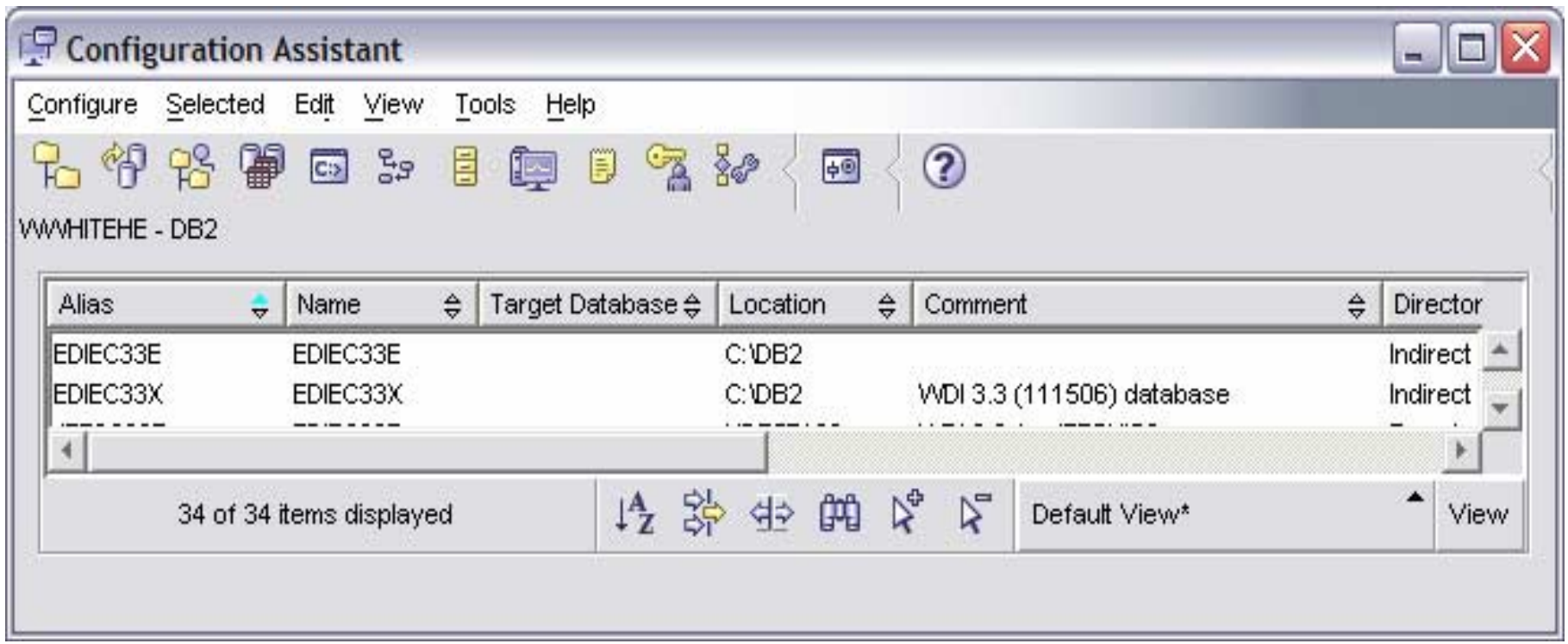
Connecting WDI 3.3 Client to Server db – same machine

- If you are setting up the WDI Client on the same machine as the WDI Server;
- On the menu bar, click **Start > All Programs > IBM DB2 > Set-up Tools > Configuration Assistant** .



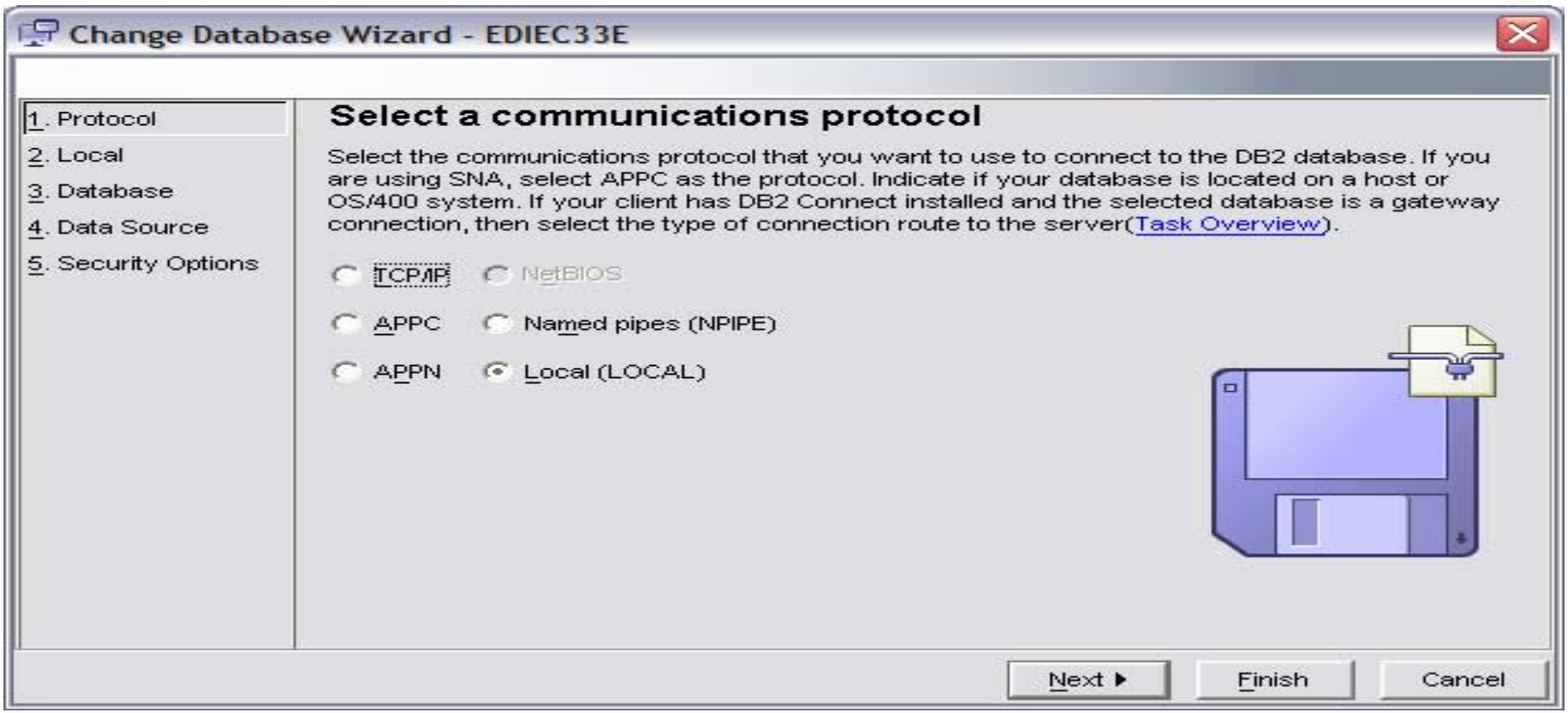
Connecting WDI 3.3 Client to Server db – same machine

This will result in the DB2 Configuration Assistant window being opened.



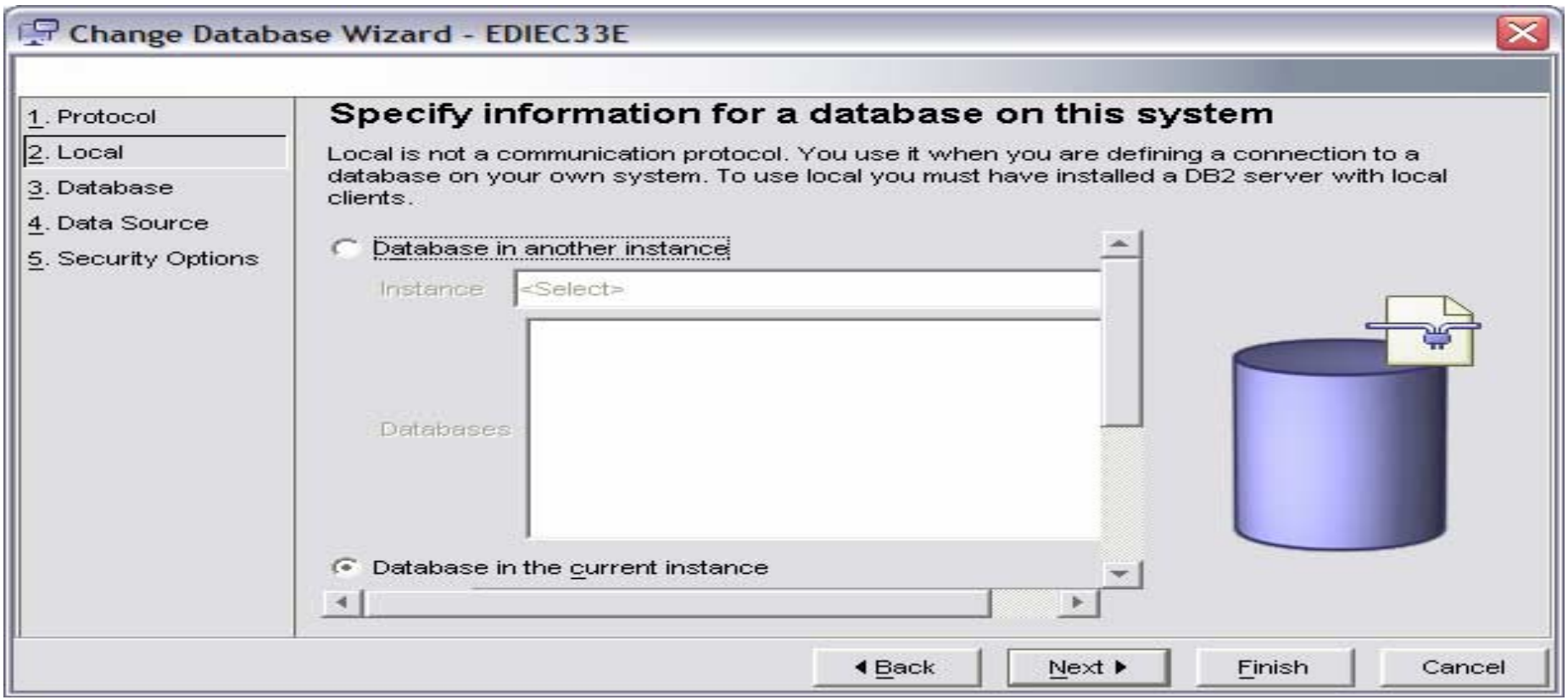
Connecting WDI 3.3 Client to Server db – same machine

Select the WDI 3.3 database (default name is EDIEC33E) and double-click to open the Change Database Wizard. This should result in the "**Select a communications protocol**" screen being displayed (as shown in the example below). Verify that the "**Local**" radio button is selected and press the **Next >** button.



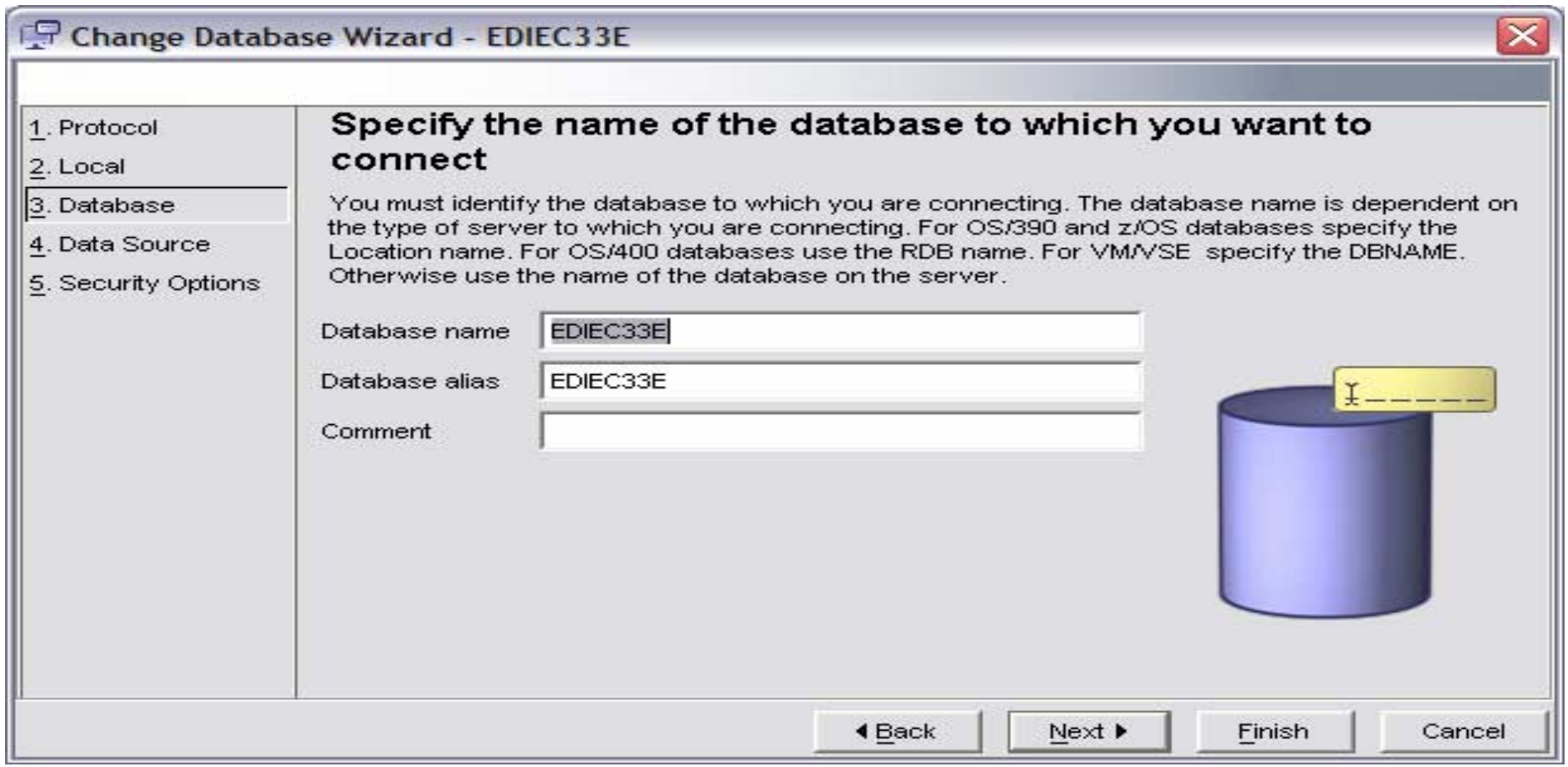
Connecting WDI 3.3 Client to Server db – same machine

This should result in the "**Specify information for a database on this system**" screen being displayed (as shown in the example below). Verify that the "**Database in the current instance**" radio button is selected and press the **Next >** button.



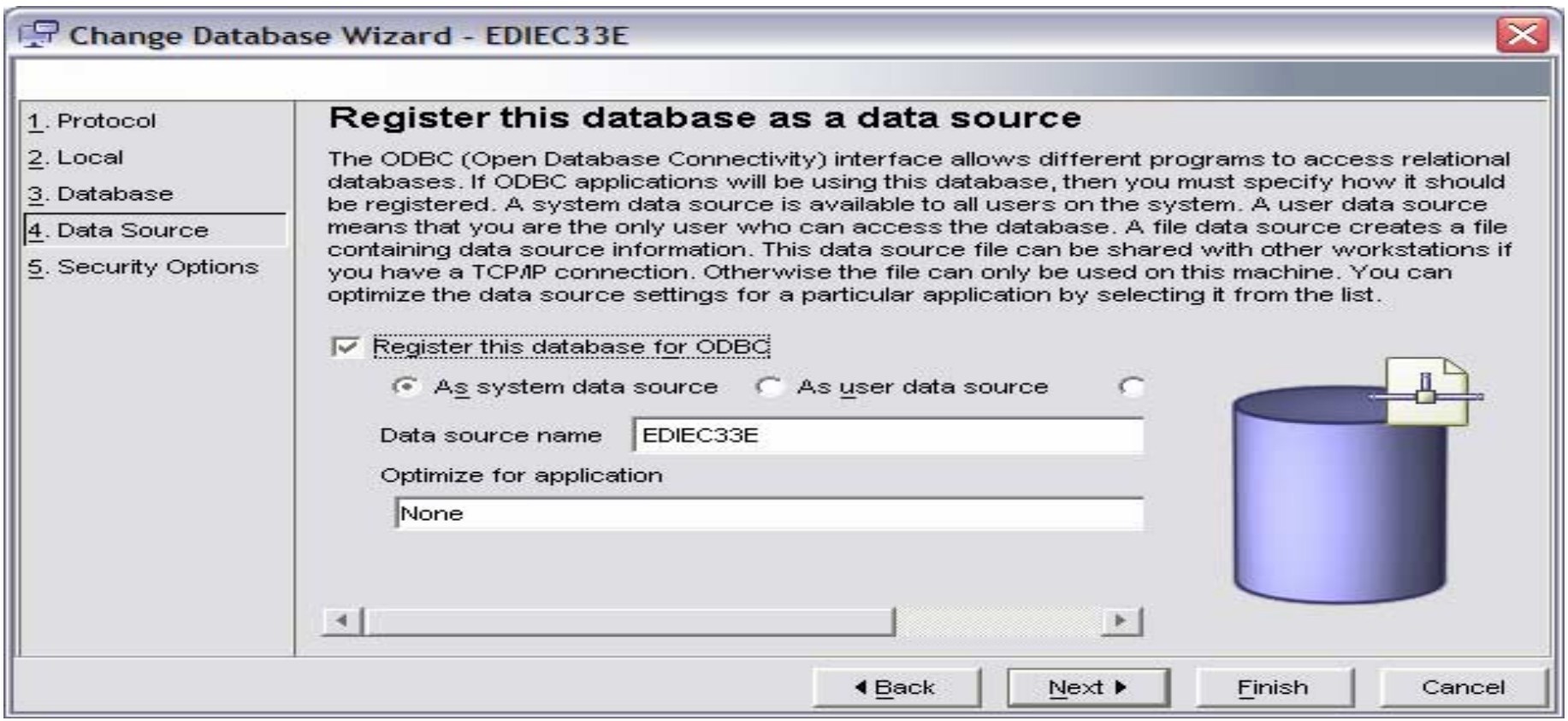
Connecting WDI 3.3 Client to Server db – same machine

This should result in the "**Specify the name of the database to which you want to connect**" screen being displayed (as shown in the example below). Verify that the **Database Name** and **Database Alias** are correct and press the **Next >** button.



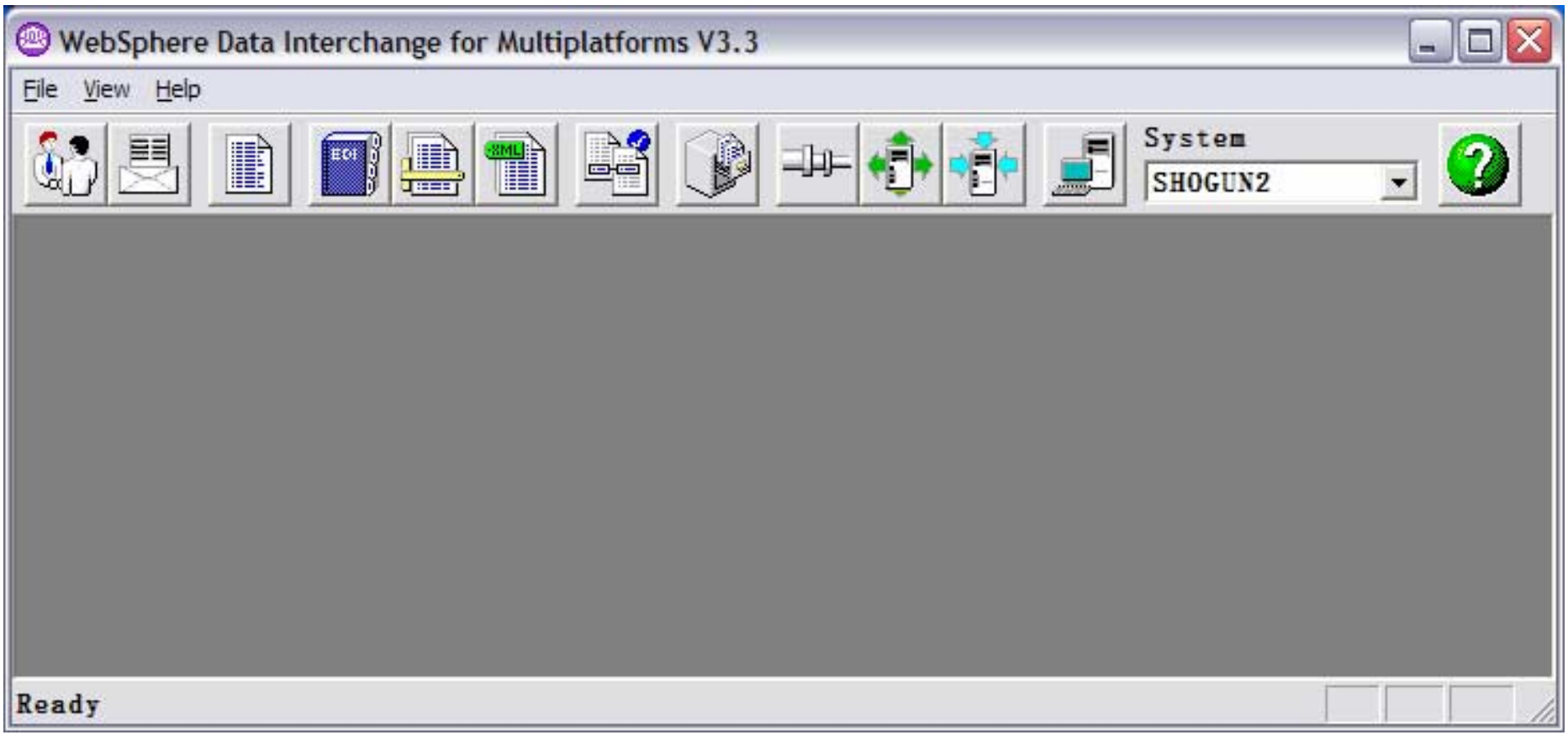
Connecting WDI 3.3 Client to Server db – same machine

This should result in the "**Register this database as a data source**" screen being displayed (as shown in the example below). Verify that the **Data Source Name** is correct and that the **Register this database for ODBC** is **checked** and press the **Finish** button.



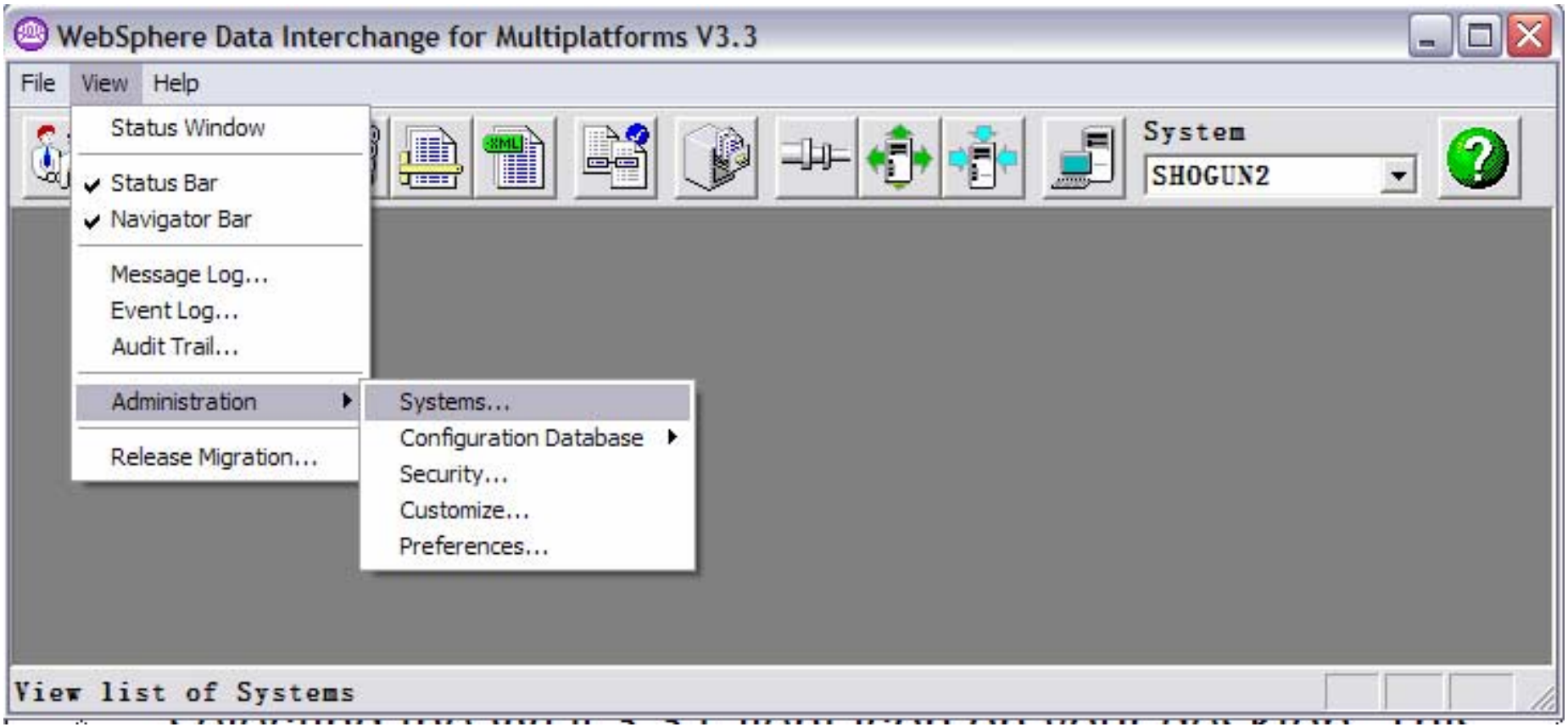
Connecting WDI 3.3 Client to Server db – same machine

Next, start up the WDI 3.3 Client. This may be done via **Start > All Programs > IBM WebSphere Data Interchange V3.3 Client > WDI V3.3 Client** or by selecting the WDI 3.3 Client icon on your desktop. This should result in the WDI 3.3 Client Main window being displayed.



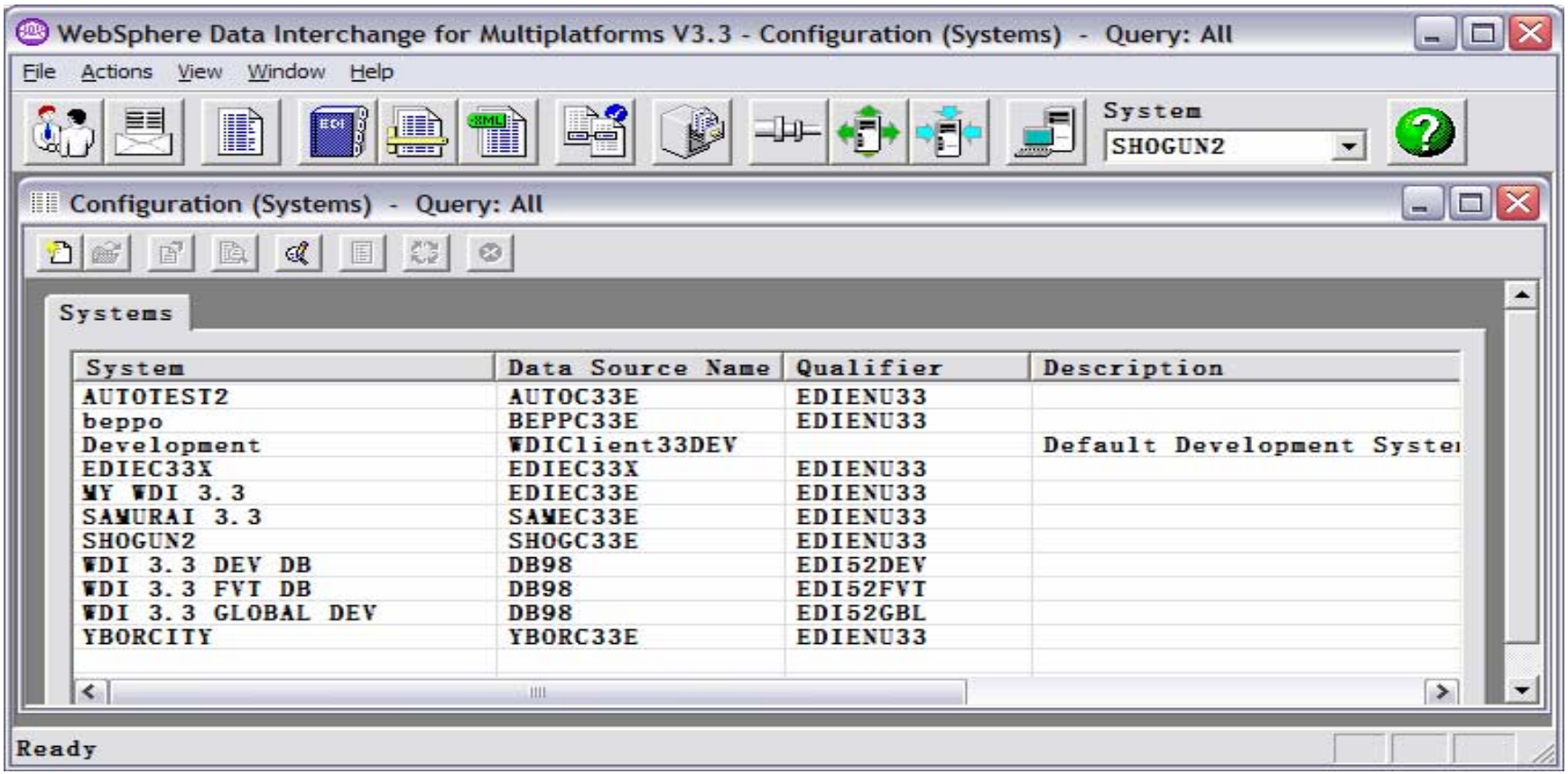
Connecting WDI 3.3 Client to Server db – same machine

Next, select **View > Administration > Systems…** from the Toolbar on the WDI 3.3 Client.



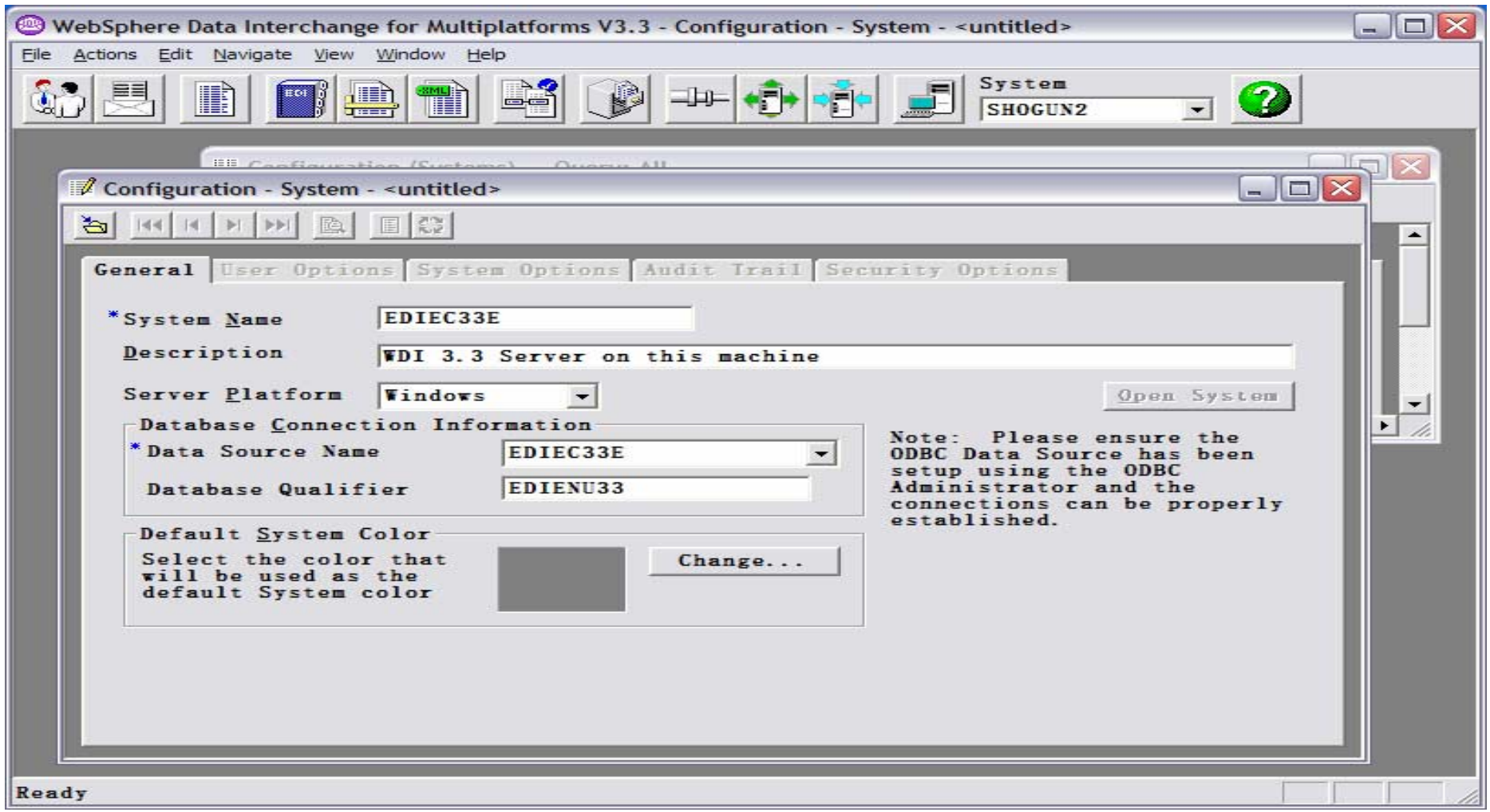
Connecting WDI 3.3 Client to Server db – same machine

This should result in the Configuration Systems window being displayed. Select either **File\New…** or select the Create a New object icon/button to add the EDIEC33E WDI 3.3 system/database.



Connecting WDI 3.3 Client to Server db – same machine

This should result in the Configuration - System - untitled window being displayed.



Connecting WDI 3.3 Client to Server db – same machine

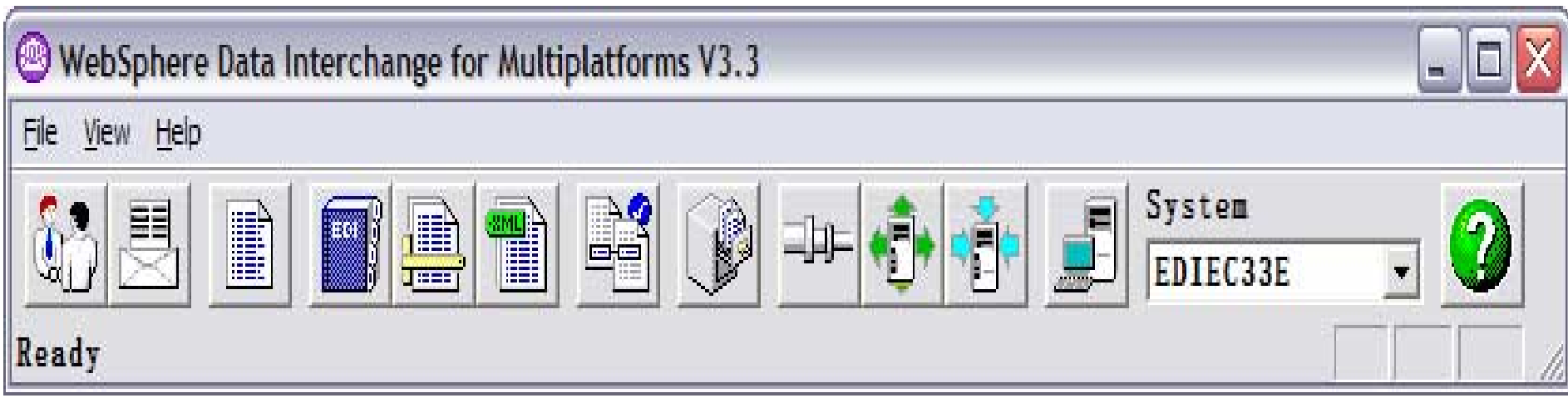
- Input the value **EDIEC33E** in the System Name field or whatever value you will be referencing the system by in the future (example: My WDI 3.3).
- Input a value in the Description field if you wish to.
- Select a value of **Windows** in the dropdown list of the Server Platform field.
- Select the value **EDIEC33E** in the dropdown list of the Data Source Name field.
- Input a value of **EDIENU33** in the Database Qualifier field.
- Select **File\Save** on the Tool bar or press the **Save the Active object** icon/button.

Connecting WDI 3.3 Client to Server db – same machine

- The WDI 3.3 Server database has now been defined to the WDI 3.3 Client.
- To access the database via the WDI 3.3 Client, select the value that you specified for the WDI 3.3 database (using our example EDIEC33E) from the System dropdown list on the Tool bar.
- You may be prompted to logon to the WDI 3.3 Server database the first time that you access it. You can set up in ODBC to have the User ID and Password already provided instead of being prompted. However, you will need to update these values whenever a User ID or Password is changed for the DB2 database.

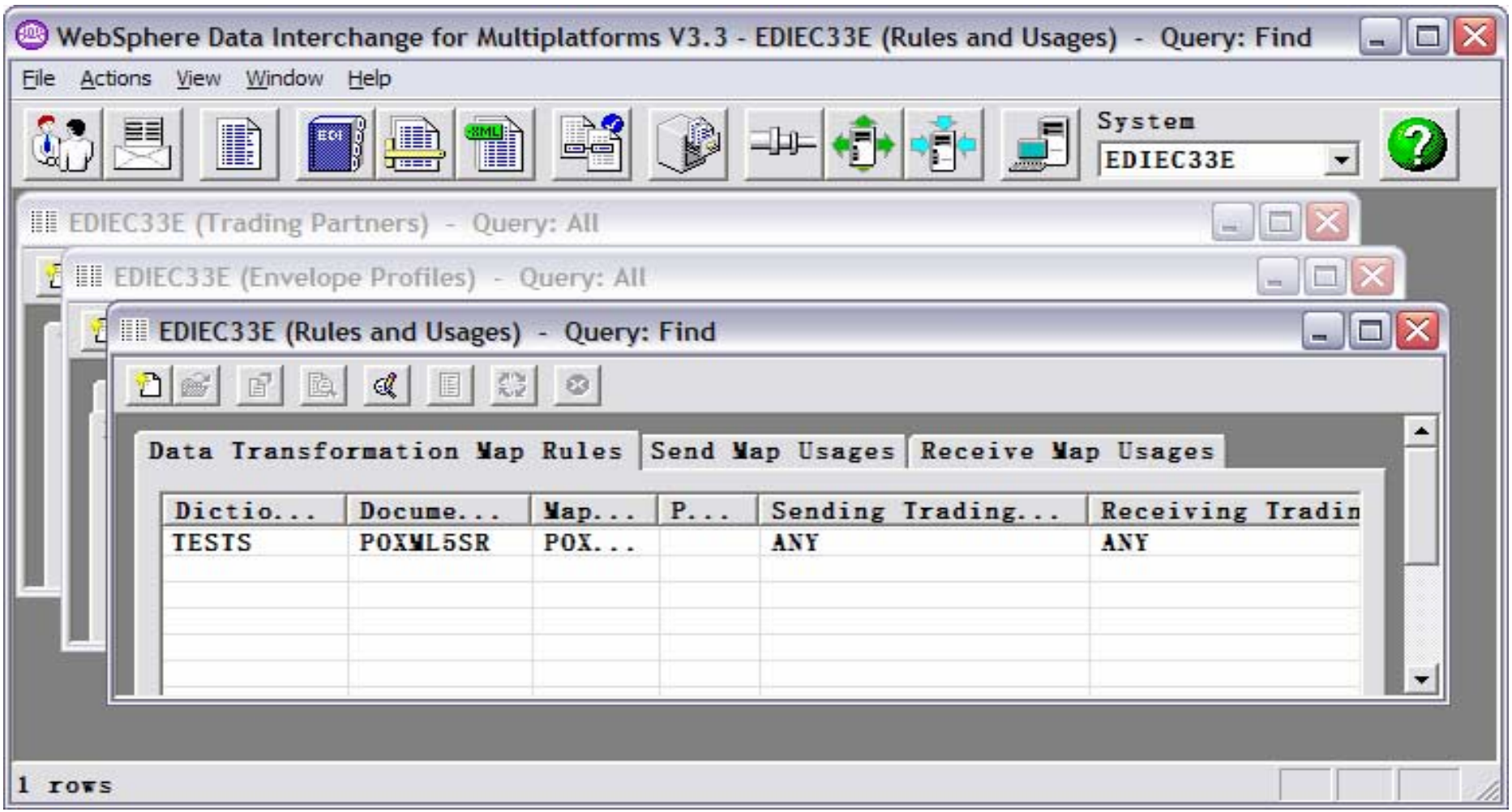
Connecting WDI 3.3 Client to Server db – same machine

To validate that you can access the WDI 3.3 Server database select any of the Icons/buttons on the Tool bar (examples: Trading Partners, Envelope Profiles, Data Formats, EDI Standards, XML Documents, Mapping, etc.



Connecting WDI 3.3 Client to Server db – same machine

You should see something like the example below.



Connecting WDI 3.3 Client to Server db – same machine

- If you do see the functional areas, such as Trading Partners windows displayed, then Congratulations ! You are ready to use the WDI 3.3 Client with the WDI 3.3 Server database.
- If you do not see them, note the error and contact your Lab instructor for additional support.

Connecting WDI 3.3 Client to Server db – same machine

- End of Connecting WDI 3.3 Client to Server database – same machine Lab.

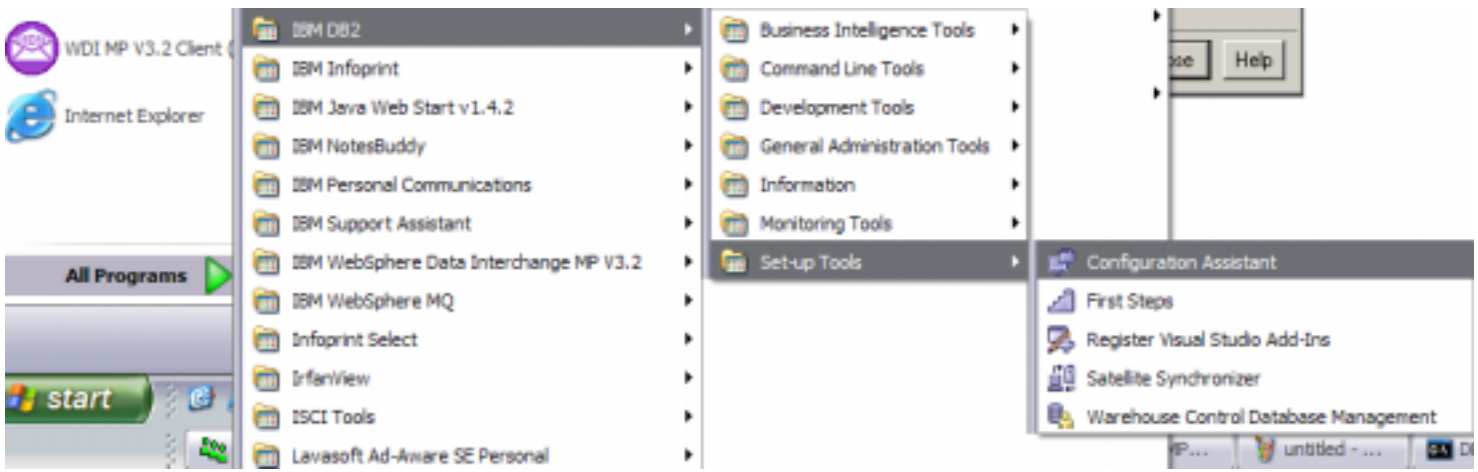
- The next slides are for information/help on how to setup ODBC/DB2 definitions for connecting you WDI 3.3 Client to a WDI 3.3 Server on a different/separate machine.

Connecting WDI 3.3 Client to Server db – different machine

- Notes on how to define a remote WDI 3.3 Server database to your WDI 3.3 Client begin with the next slide…

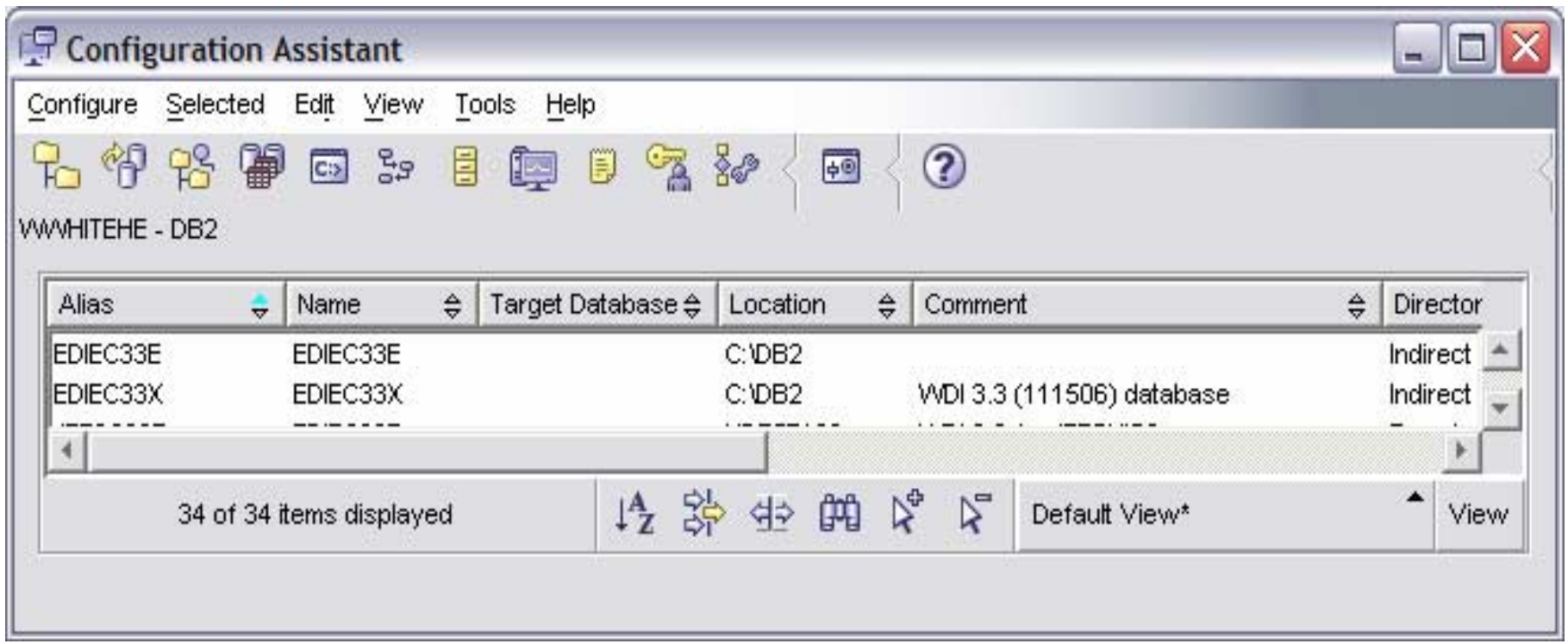
Connecting WDI 3.3 Client to Server db – different machine

- If you are setting up the WDI Client on a different machine as the WDI Server;
- On the menu bar, click **Start > All Programs > IBM DB2 > Set-up Tools > Configuration Assistant** .



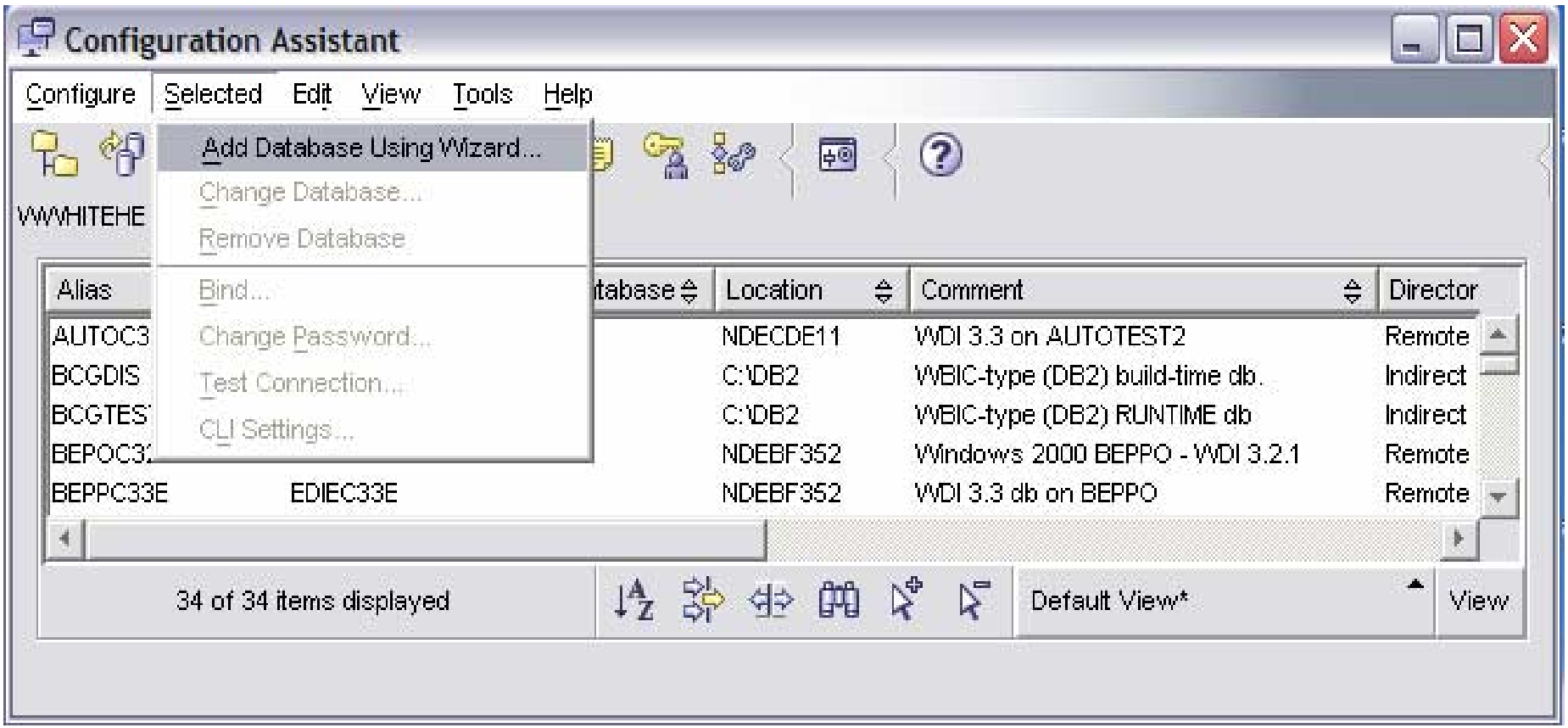
Connecting WDI 3.3 Client to Server db – different machine

This will result in the DB2 Configuration Assistant window being opened.



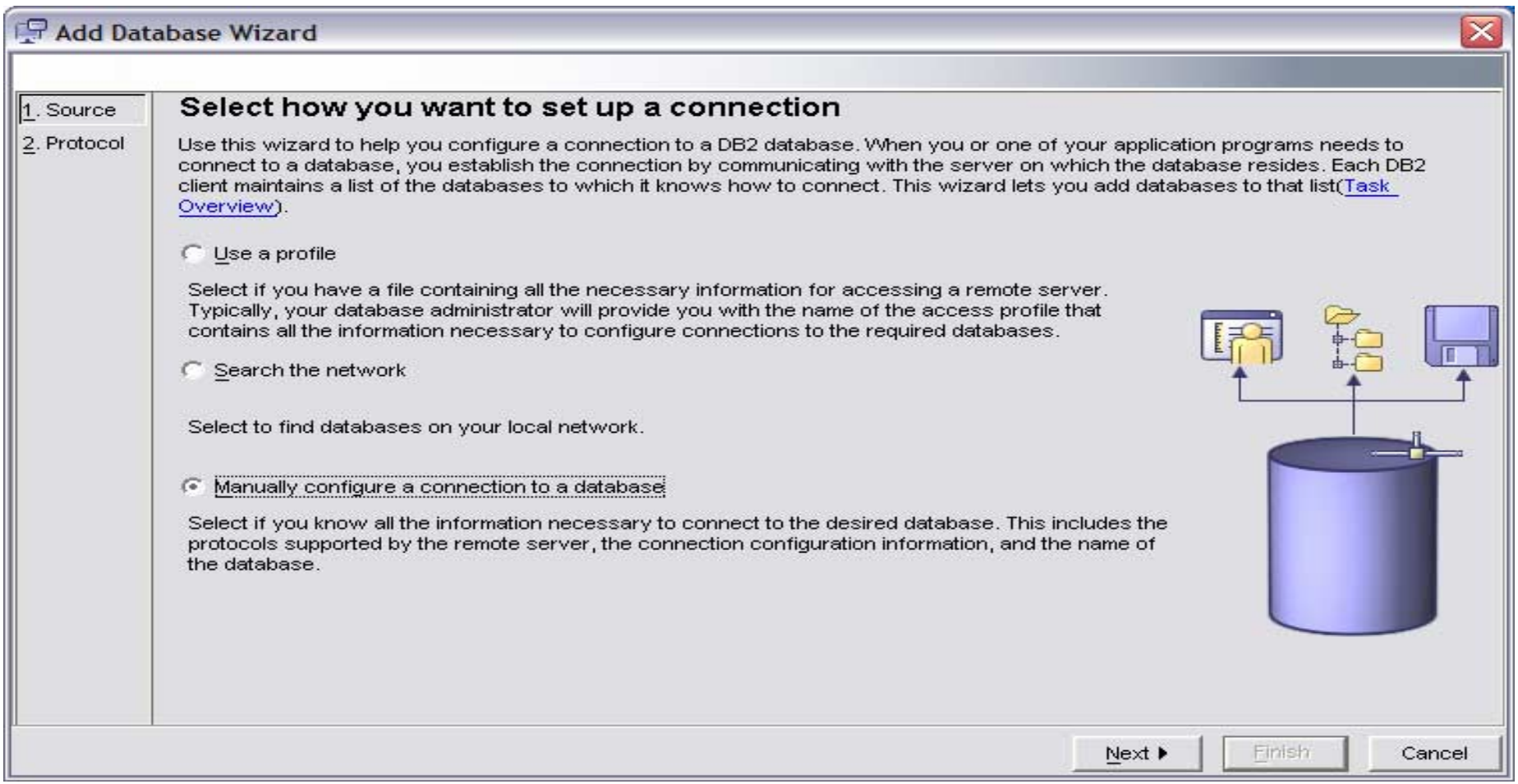
Connecting WDI 3.3 Client to Server db – different machine

- Select the Selected option on the Tool bar and choose the “Add Database Using Wizard…” option.



Connecting WDI 3.3 Client to Server db – different machine

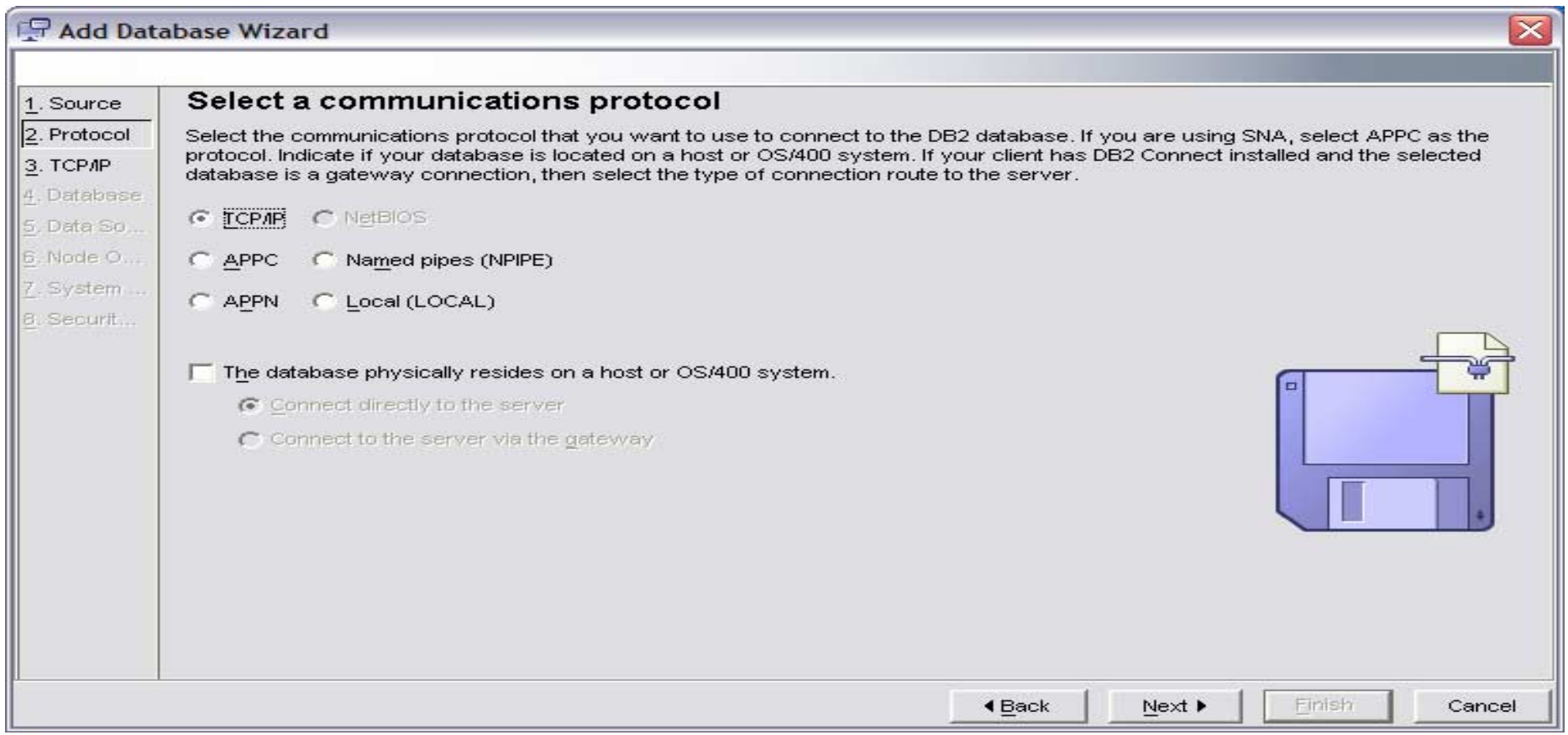
This should result in starting the Add Database Wizard with the "**Select how you want to set up a connection**" screen being displayed (as shown in the example below). Select the "**Manually configure a connection to a database**" radio button and press the **Next >** button.



Connecting WDI 3.3 Client to Server db – different machine

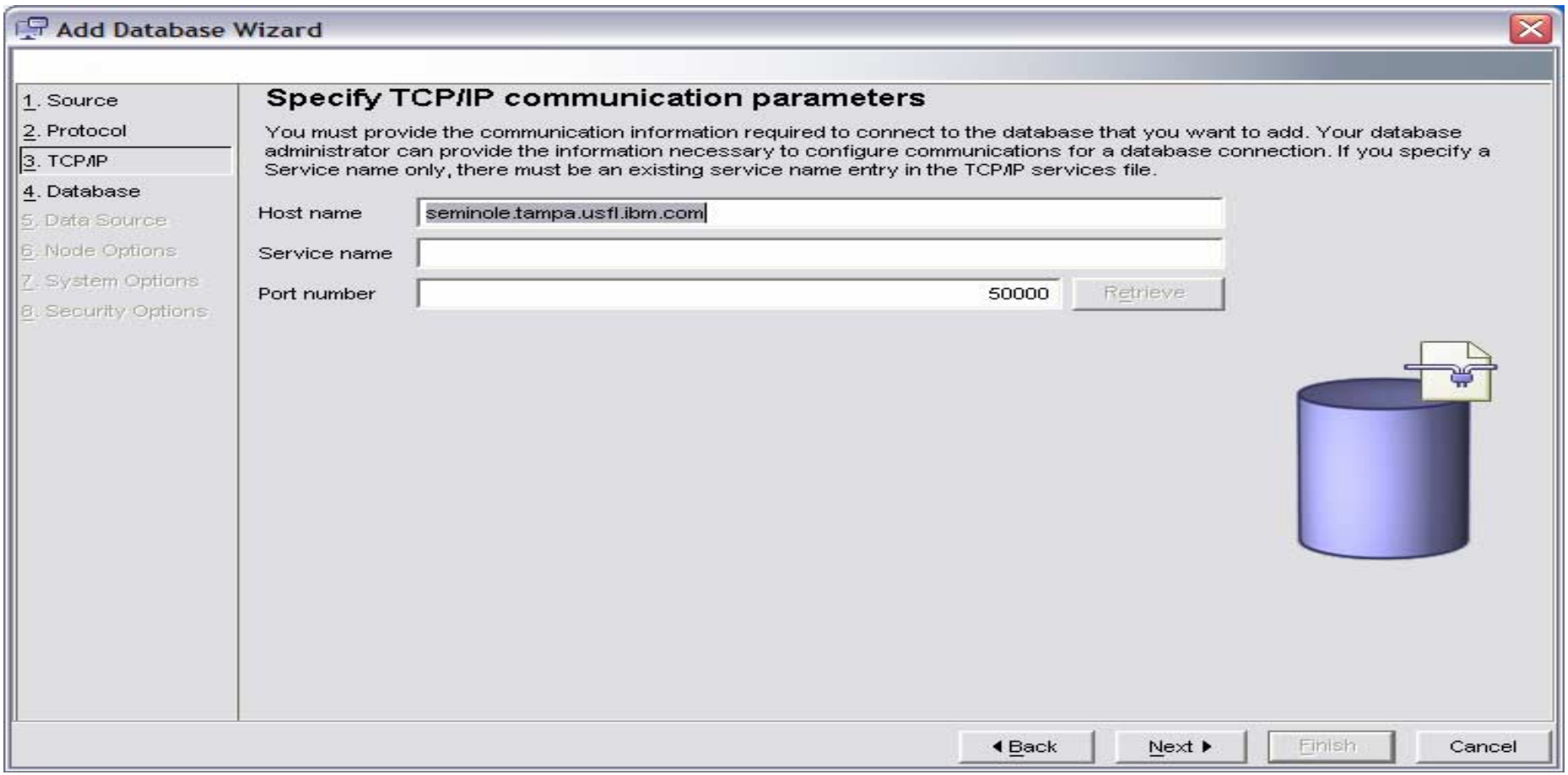
This should result in the "**Select a communications protocol**" screen being displayed (as shown in the example below). Select the "**TCP/IP**" radio button and press the **Next >** button.

Note: If the WDI 3.3 Server database resides on z/OS, check "The database physically resides on a host or OS/400 system" checkbox.



Connecting WDI 3.3 Client to Server db – different machine

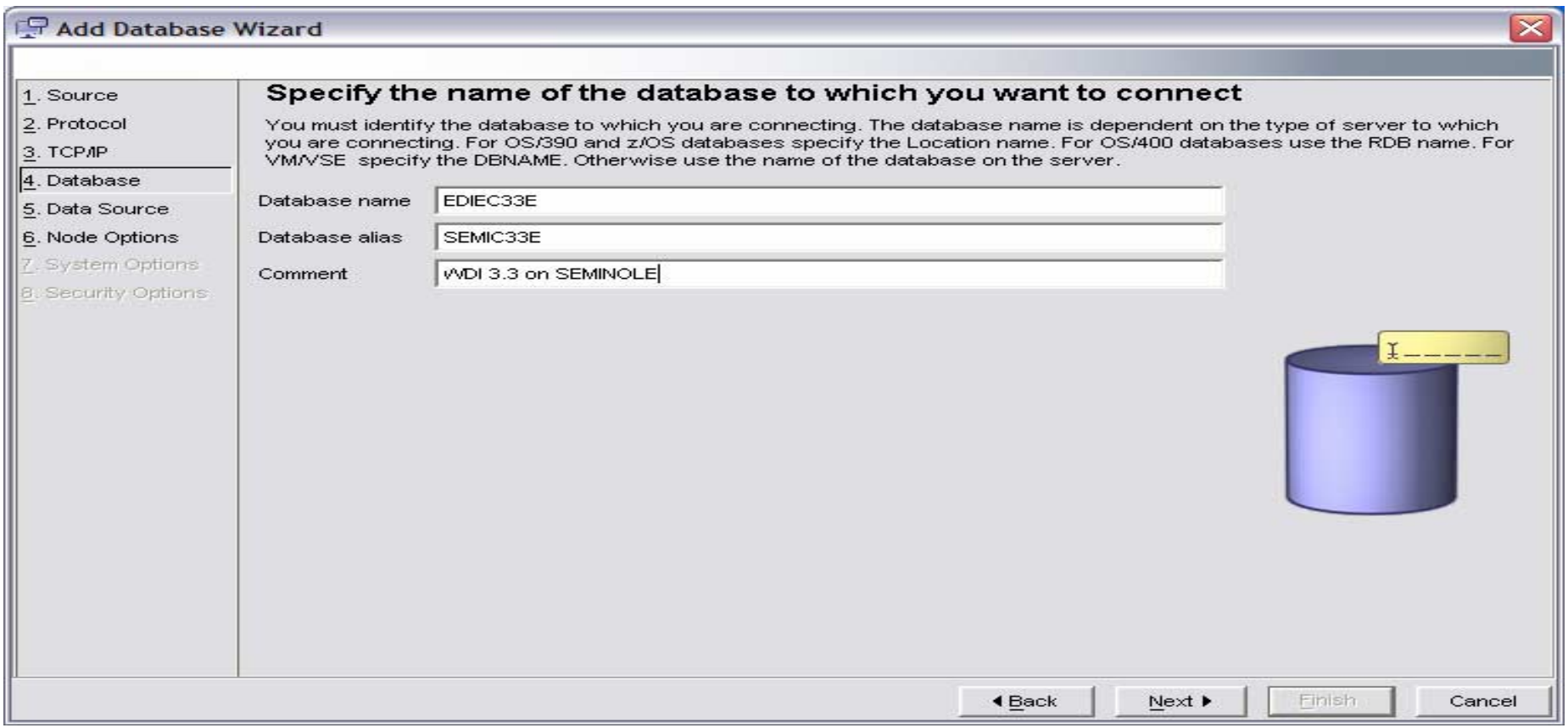
This should result in the "**Specify TCP/IP communication parameters**" screen being displayed (as shown in the example below). Input the hostname of the machine that the WDI 3.3 database resides on and port number (Windows is usually 50000) and press the **Next >** button.



Connecting WDI 3.3 Client to Server db – different machine

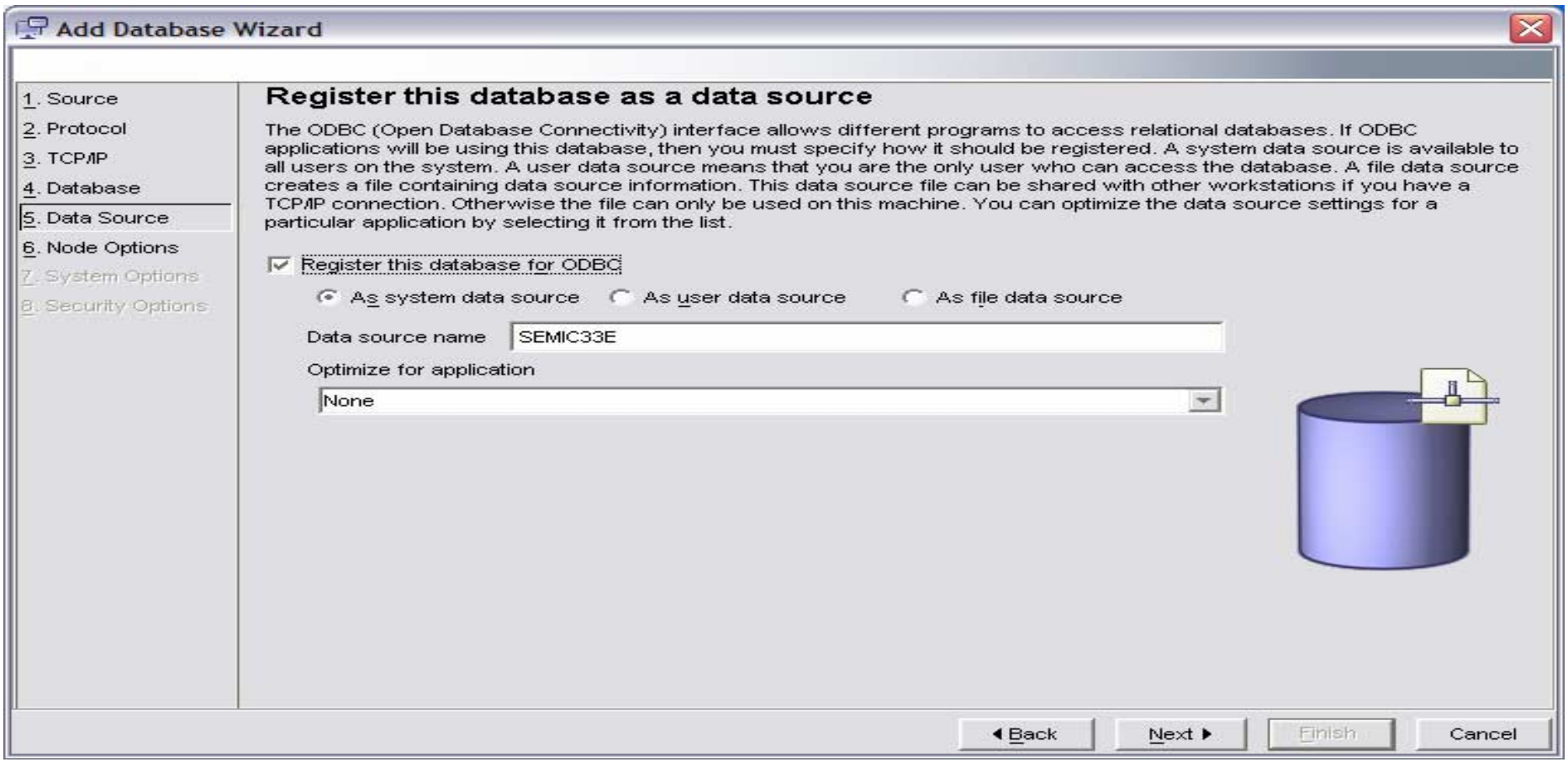
This should result in the "**Specify the name of the database to which you want to connect**" screen being displayed (as shown in the example below). Input the name of the WDI 3.3 database that you are attempting to connect to in the **Database name** field and then specify a unique value for the **Database alias** field and press the **Next >** button.

Note: You may want to identify the database in the Comments field.



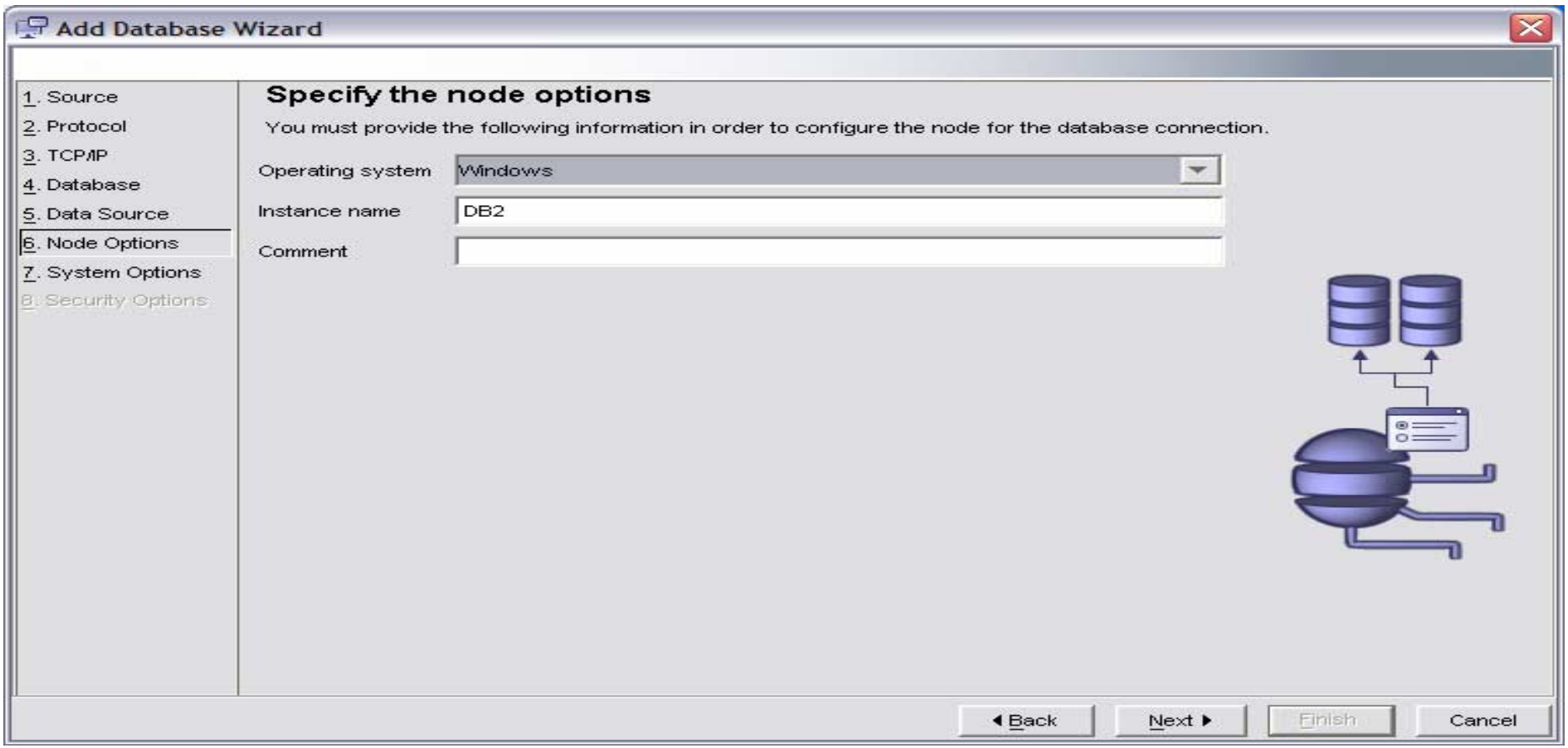
Connecting WDI 3.3 Client to Server db – different machine

This should result in the "**Register this database as a data source**" screen being displayed (as shown in the example below). Ensure that the **Register this database for ODBC** checkbox is checked, the **As system data source** radio button is selected, the **Data source name** field has the correct system name and press the **Next >** button.



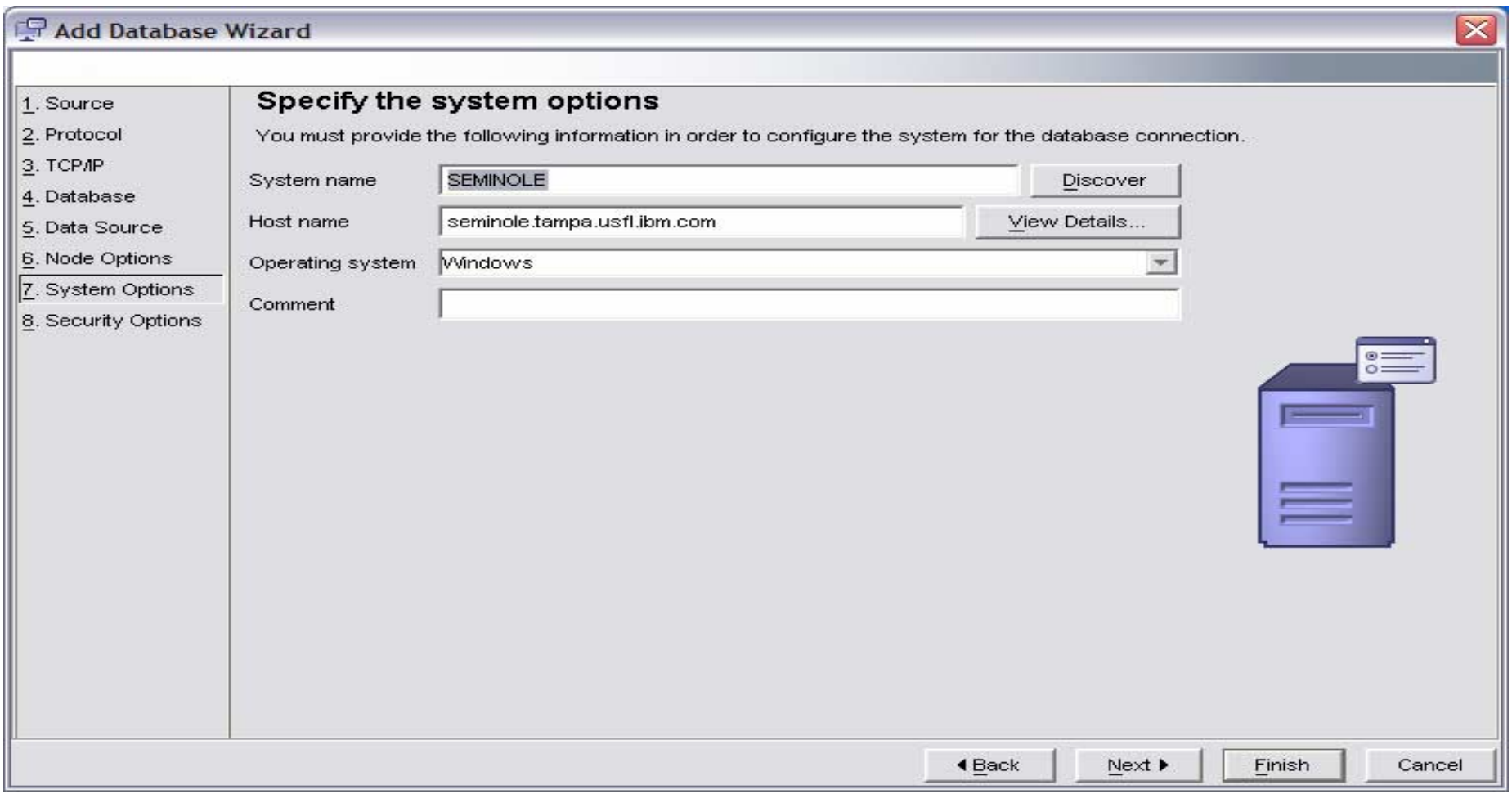
Connecting WDI 3.3 Client to Server db – different machine

This should result in the "**Specify the node options**" screen being displayed (as shown in the example below). Select the appropriate value in the dropdown list of the **Operating system (example: Windows)**, ensure that the **Instance name** field has a value of DB2 and press the **Next >** button.



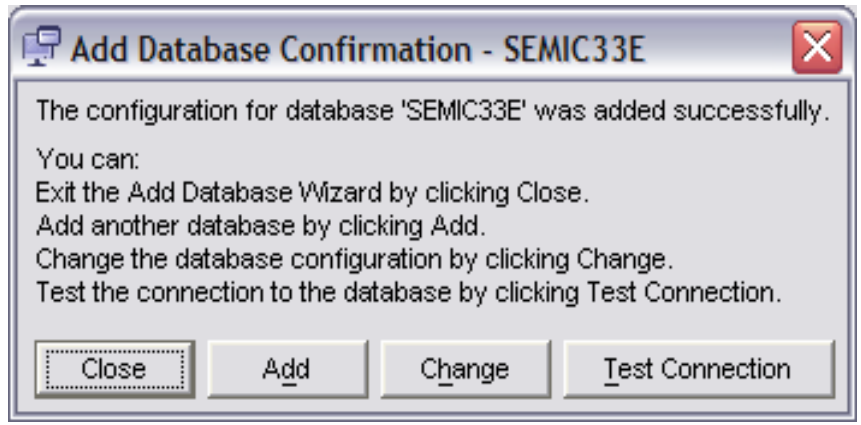
Connecting WDI 3.3 Client to Server db – different machine

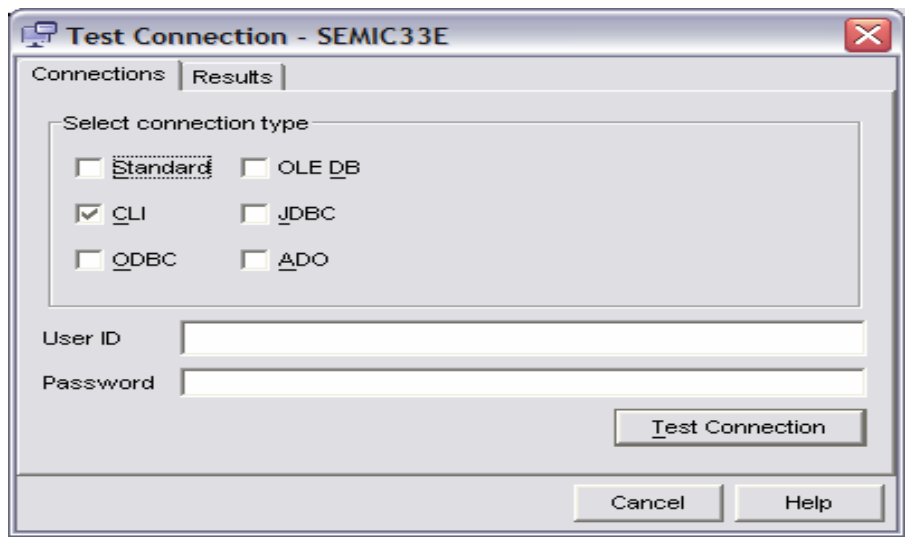
This should result in the "**Specify the system options**" screen being displayed (as shown in the example below). Input the appropriate value in the S**ystem name**, ensure that the **Host name** field has the correct value and the **Operating system** value is correct and press the **Finish** button.



Connecting WDI 3.3 Client to Server db – different machine

- This should result in the "**Add Database Confirmation**" screen being displayed (as shown in the example below).
- Press the **Test Connection** button to verify connectivity to the specified Database.
- This will result in the "**Test Connection**" window being displayed. Input a valid value for the **User ID** and **Password** and press the **Test Connection** button. If you setup correctly and provided valid User ID and Password values, you should get "CLI connection tested successfully."
- After validating the Connection, press the **Cancel** button on the **Test Connection** window.
- When completed, press the **Close** button on the **Add Database Conformation** window.





Connecting WDI 3.3 Client to Server db – different machine

- End of Connecting WDI 3.3 Client to Server db for both same machine and different machine.