

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

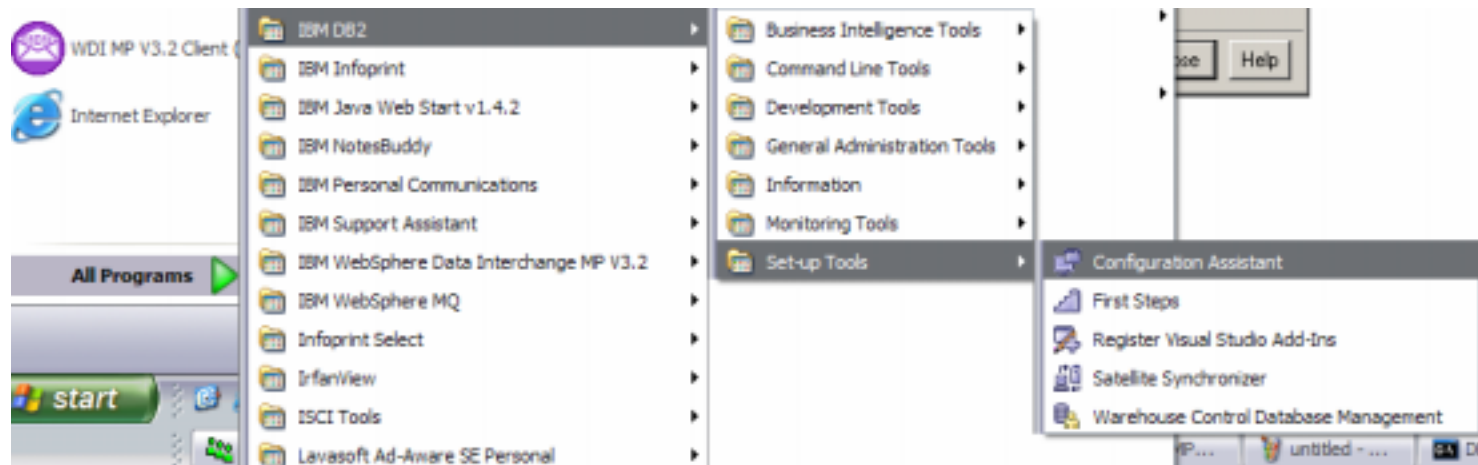
# Connecting WDI 3.3 Client to Server db

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** .



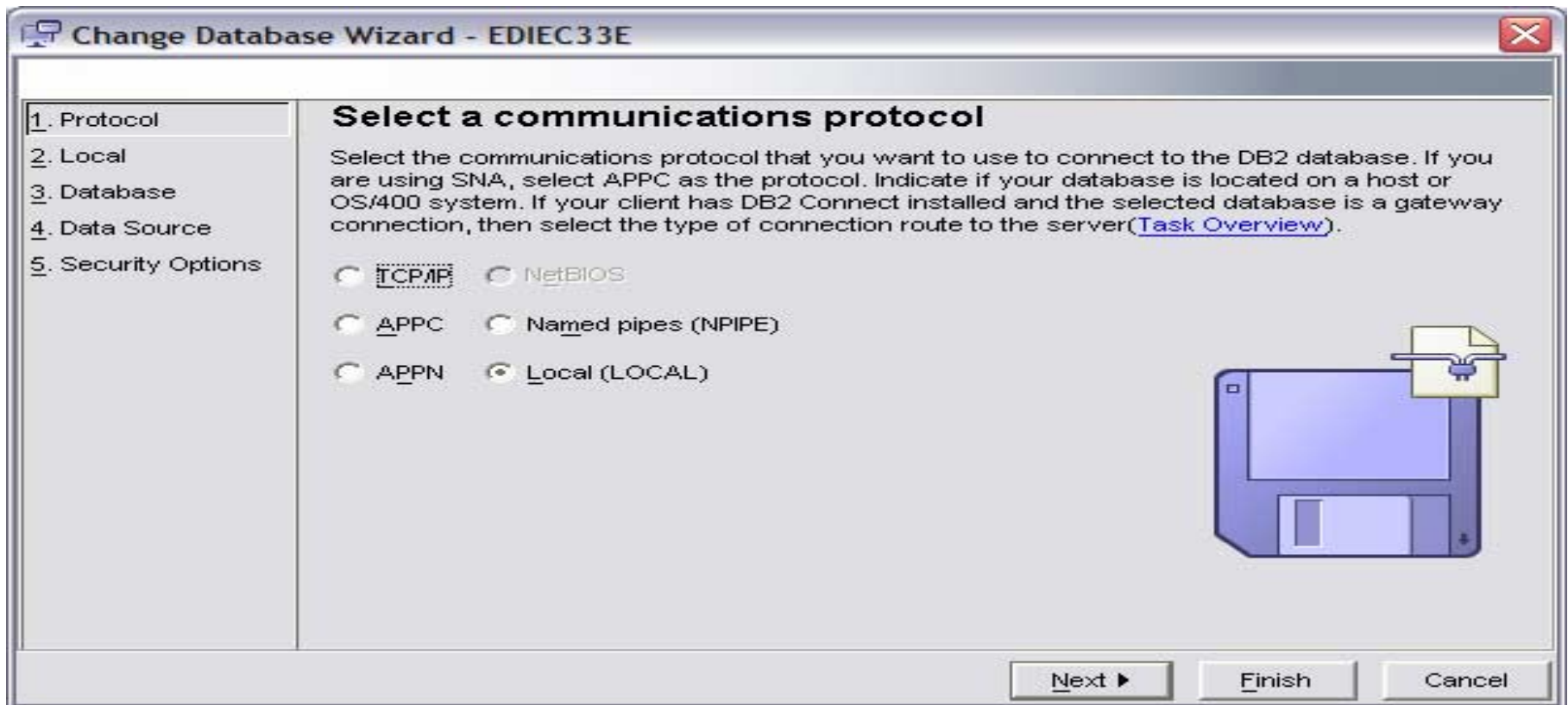
# Connecting WDI 3.3 Client to Server db – same machine

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



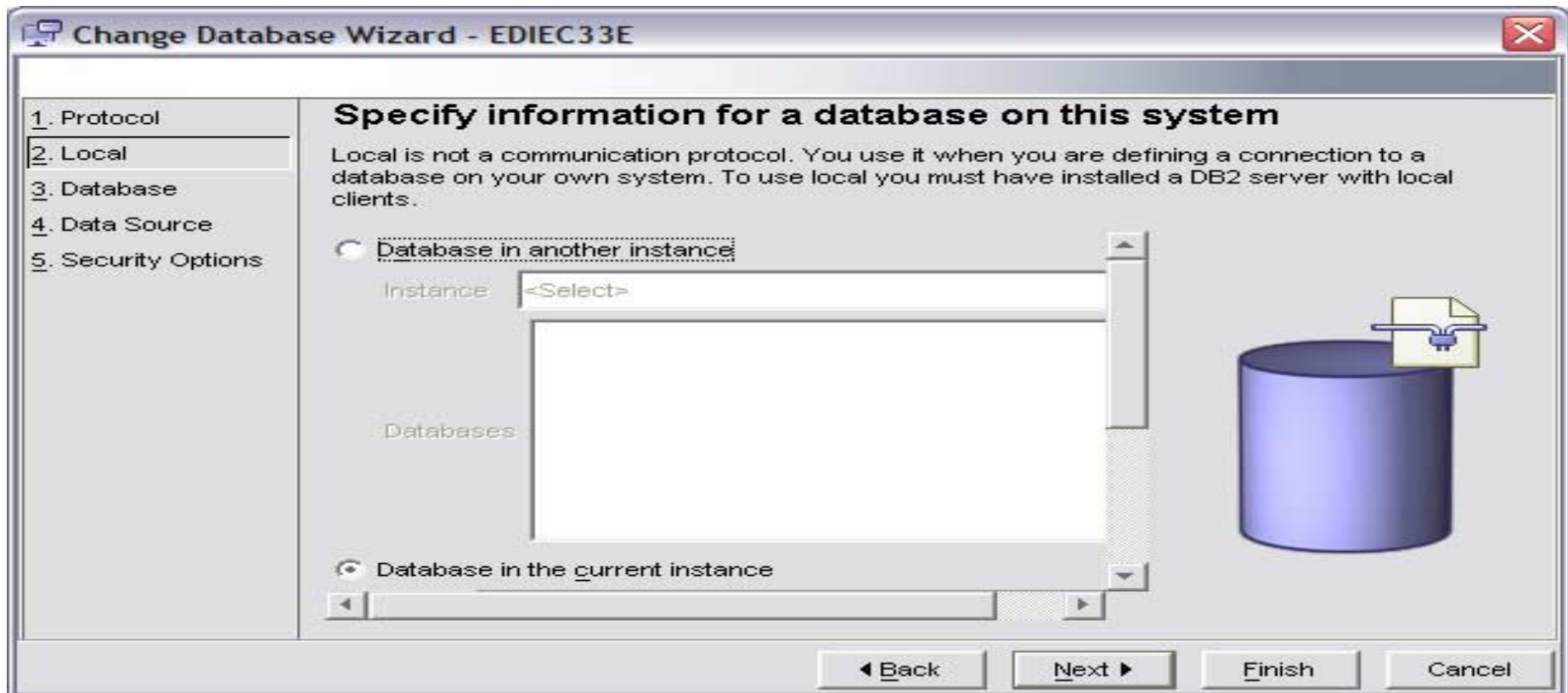
# Connecting WDI 3.3 Client to Server db – same machine

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.

**Change Database Wizard - EDIEC33E**

1. Protocol  
2. Local  
**3. Database**  
4. Data Source  
5. Security Options

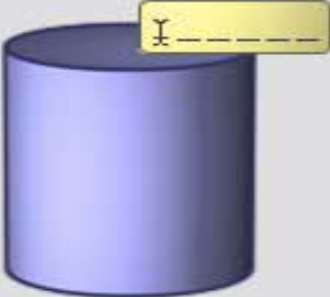
**Specify the name of the database to which you want to connect**

You must identify the database to which you are connecting. The database name is dependent on the type of server to which you are connecting. For OS/390 and z/OS databases specify the Location name. For OS/400 databases use the RDB name. For VM/VSE specify the DBNAME. Otherwise use the name of the database on the server.

Database name:

Database alias:

Comment:

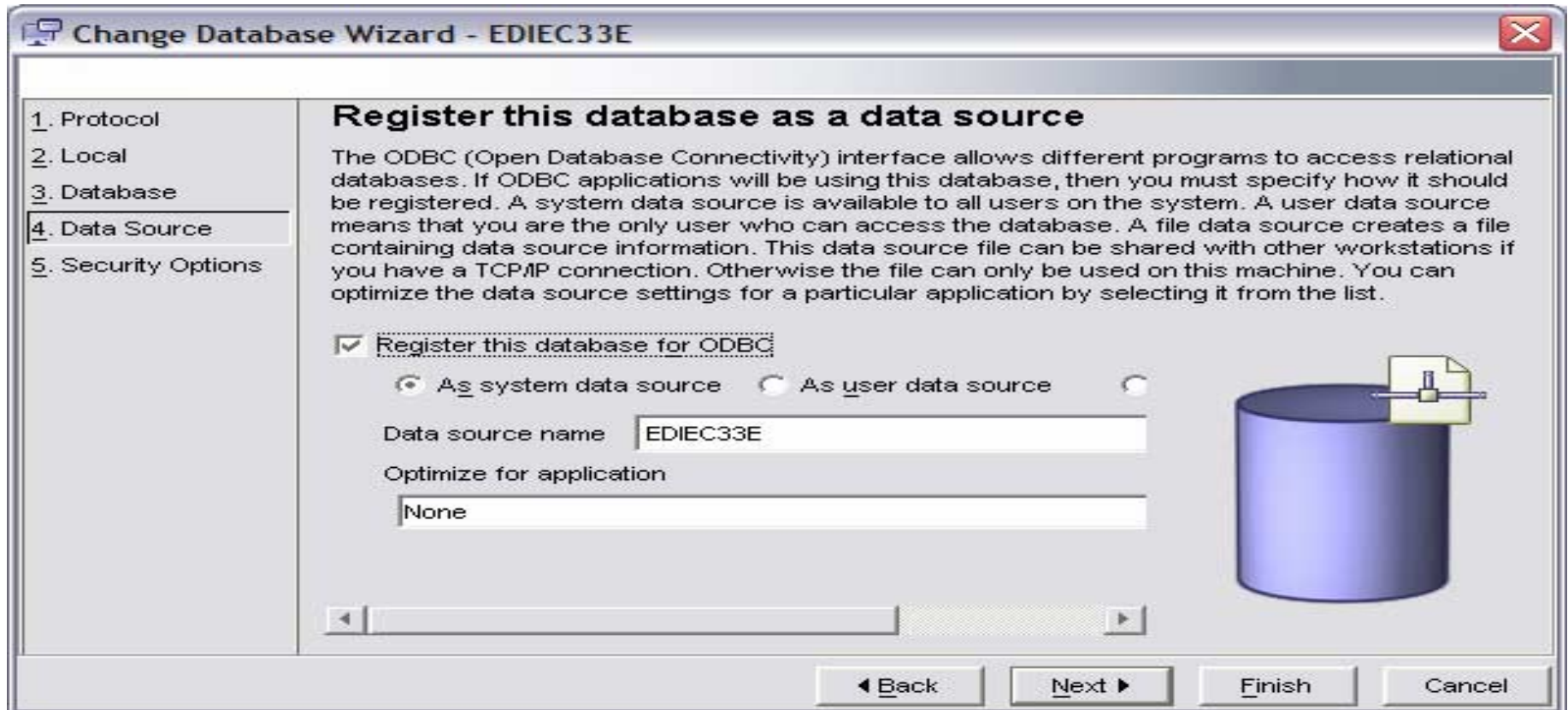


◀ Back    Next ▶    Finish    Cancel



# Connecting WDI 3.3 Client to Server db – same machine

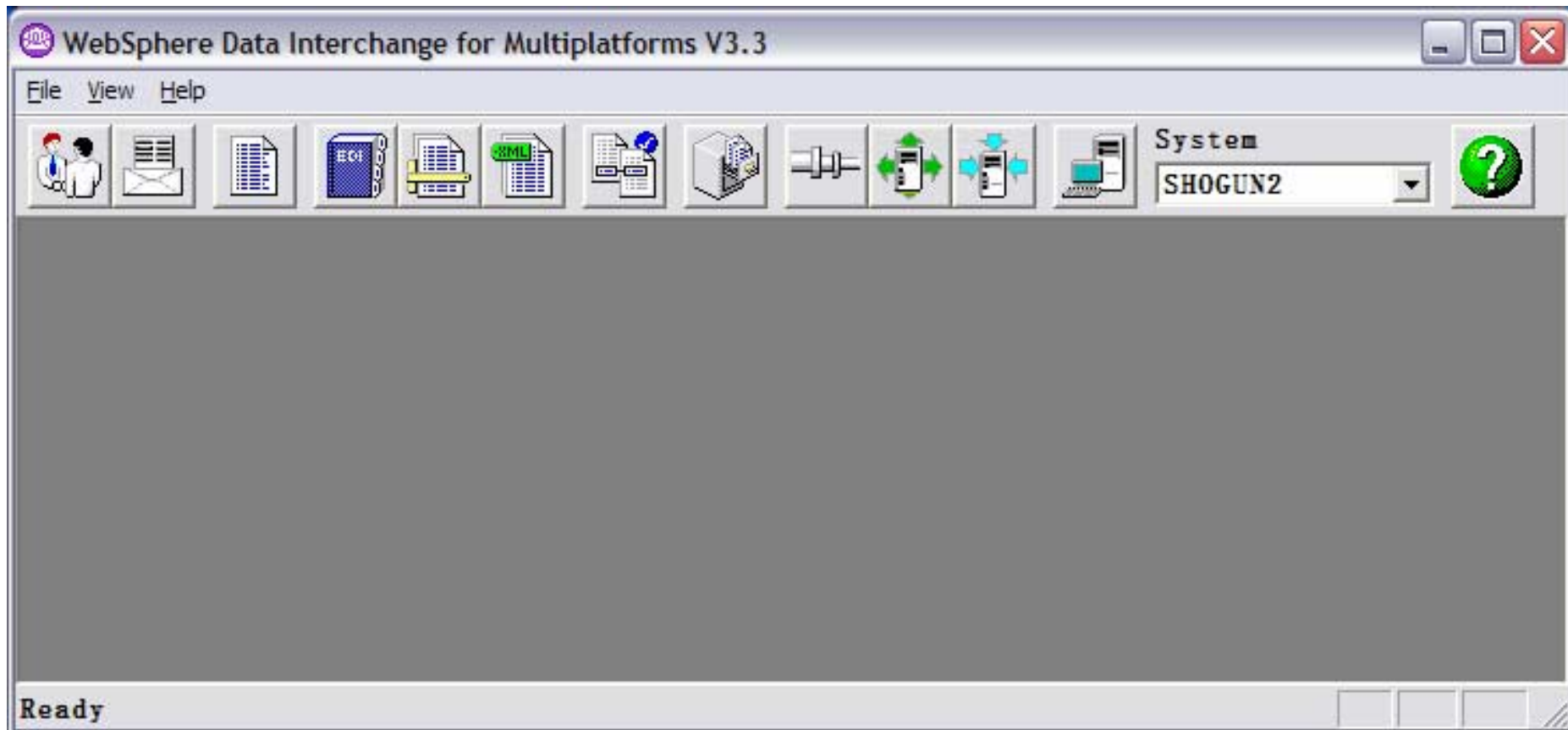
This should result in the “**Register this database as a data source**” screen being displayed (as shown in the example below). Verify that the **Data Source Name** is correct and that the **Register this database for ODBC** is **checked** and press the **Finish** button.





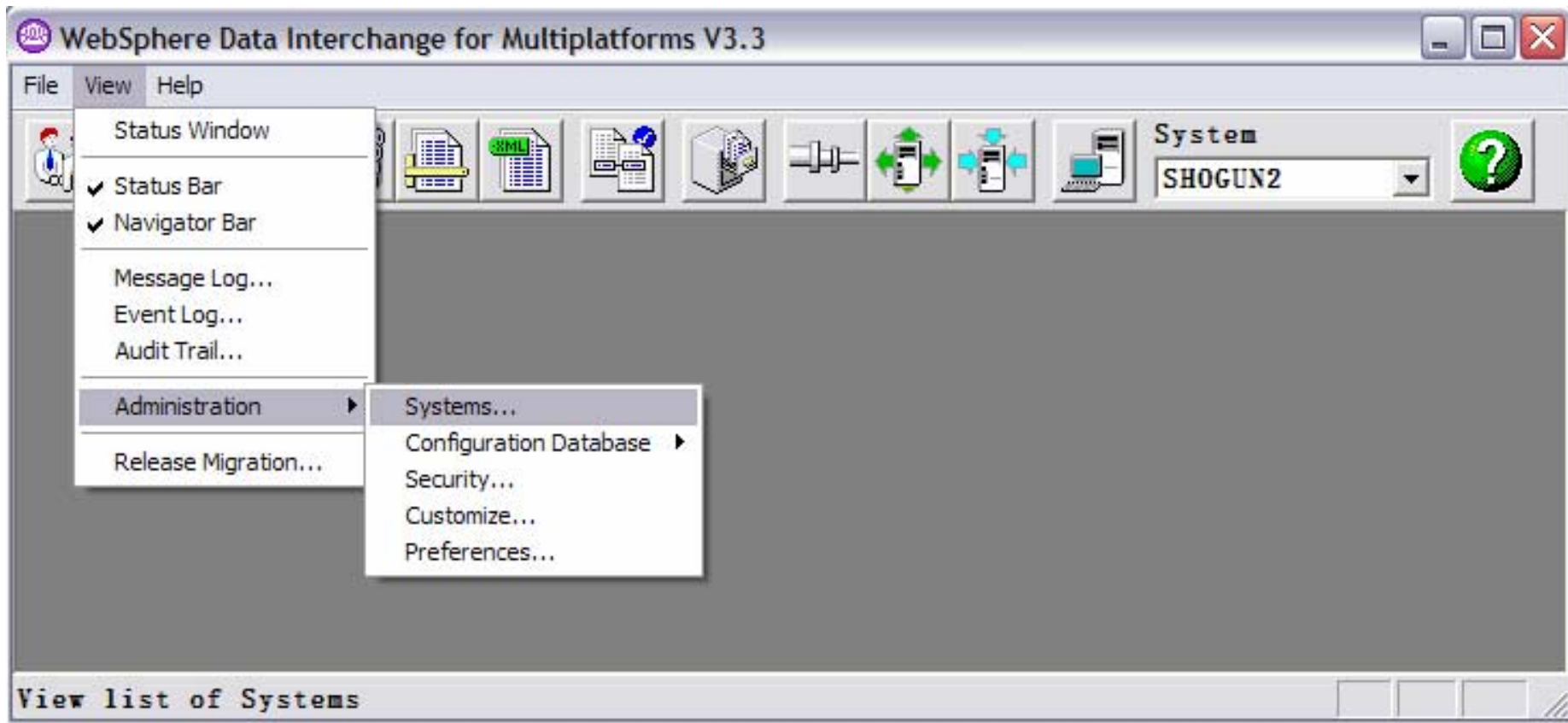
# Connecting WDI 3.3 Client to Server db – same machine

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.



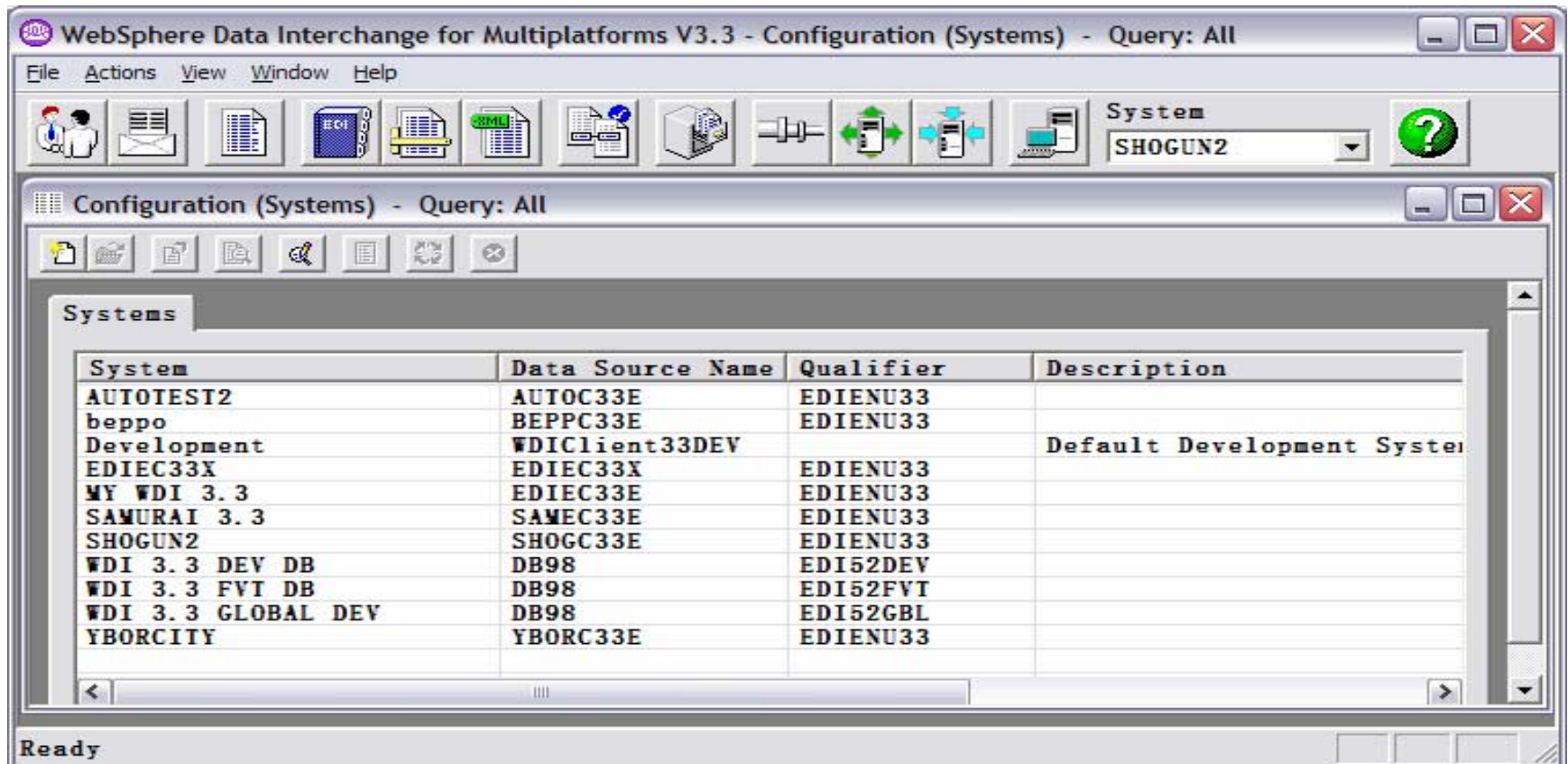
Connecting WDI 3.3 Client to Server db – same machine

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.



WebSphere Data Interchange for Multiplatforms V3.3 - Configuration (Systems) - Query: All

File Actions View Window Help

System: SHOGUN2

Configuration (Systems) - Query: All

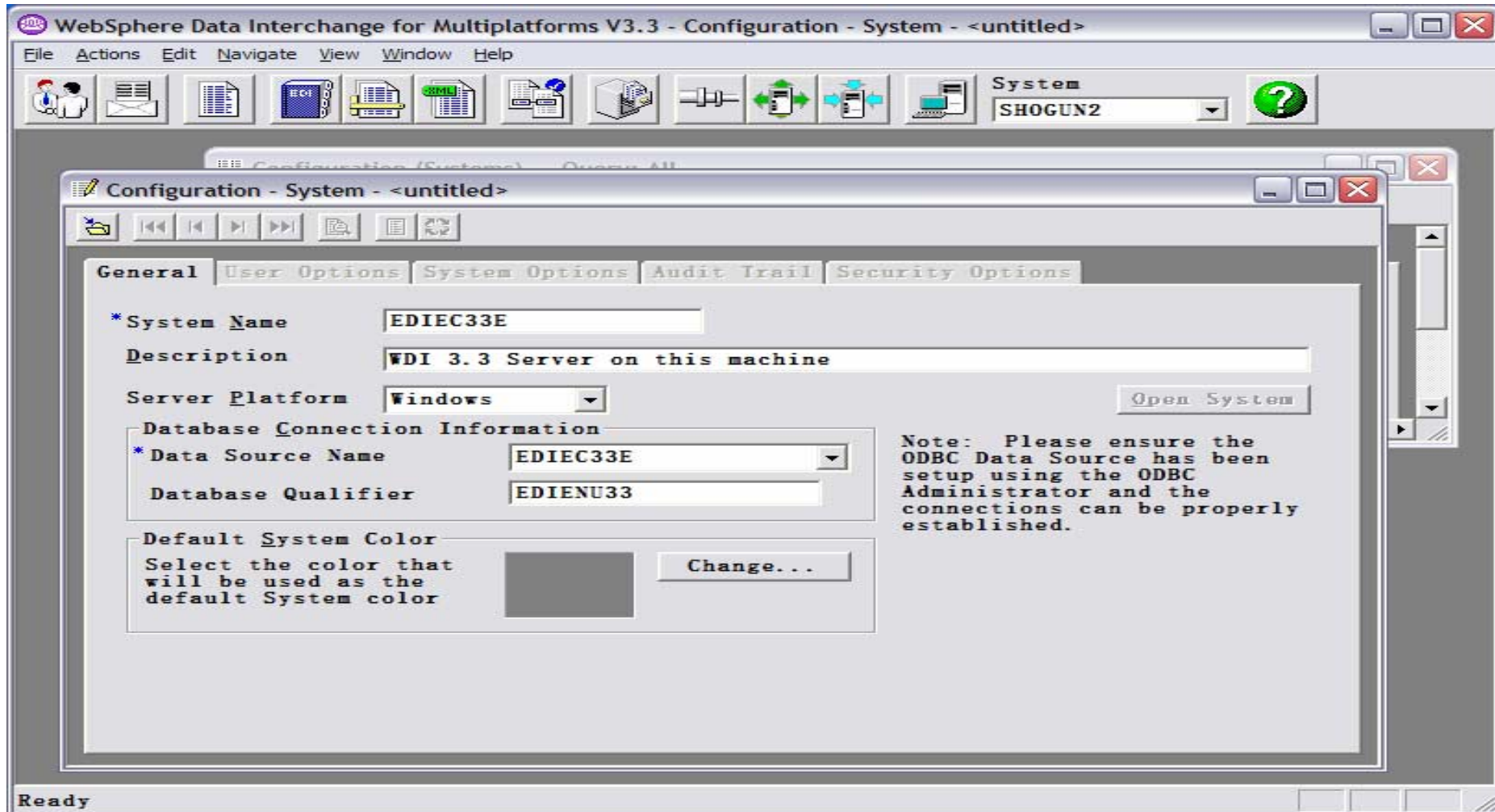
Systems

System	Data Source Name	Qualifier	Description
AUTOTEST2	AUTOC33E	EDIENU33	
beppo	BEPPC33E	EDIENU33	
Development	WDIClient33DEV		Default Development System
EDIEC33X	EDIEC33X	EDIENU33	
MY WDI 3.3	EDIEC33E	EDIENU33	
SAMURAI 3.3	SAMEC33E	EDIENU33	
SHOGUN2	SHOGC33E	EDIENU33	
WDI 3.3 DEV DB	DB98	EDI52DEV	
WDI 3.3 FVT DB	DB98	EDI52FVT	
WDI 3.3 GLOBAL DEV	DB98	EDI52GBL	
YBORCITY	YBORC33E	EDIENU33	

Ready

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

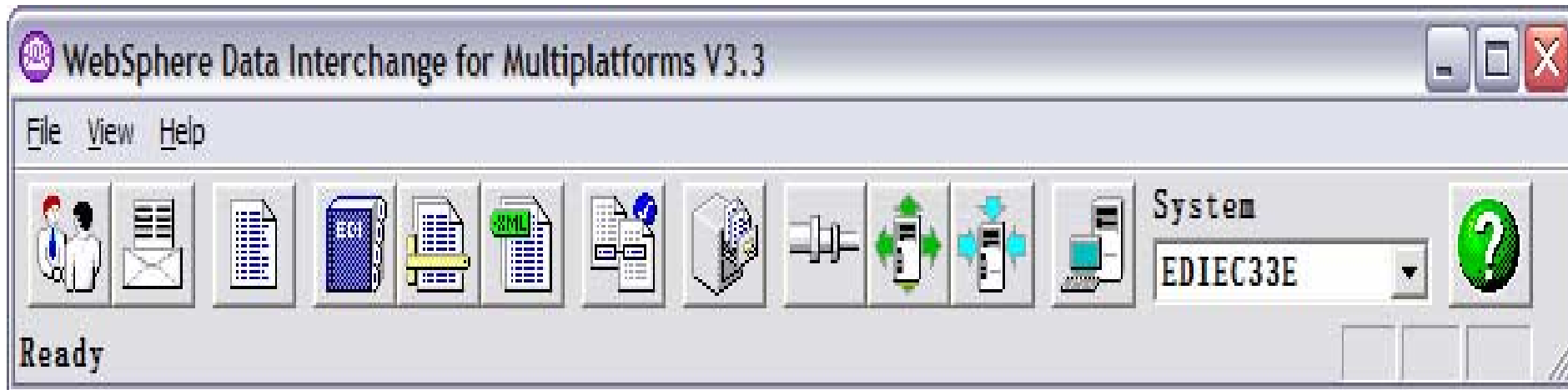
- Input the value **EDIEC33E** in the System Name field or whatever value you will be referencing the system by in the future (example: My WDI 3.3).
- Input a value in the Description field if you wish to.
- Select a value of **Windows** in the dropdown list of the Server Platform field.
- Select the 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

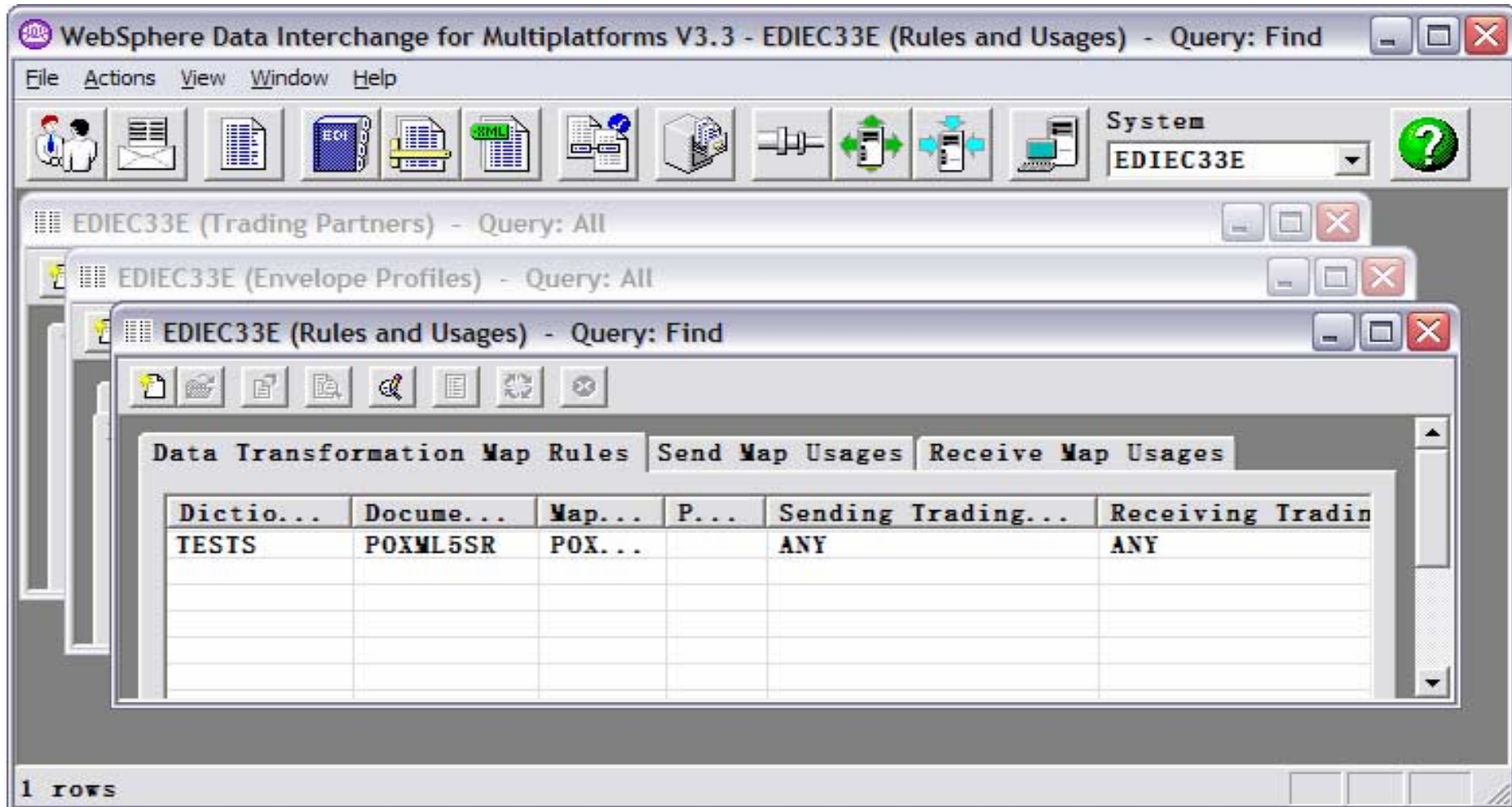
To validate that you can access the WDI 3.3 Server database select any of the Icons/buttons on the Tool bar (examples: Trading Partners, Envelope Profiles, Data Formats, EDI Standards, XML Documents, Mapping, etc.





# Connecting WDI 3.3 Client to Server db – same machine

You should see something like the example below.



The screenshot displays the WebSphere Data Interchange for Multiplatforms V3.3 interface. The main window title is "WebSphere Data Interchange for Multiplatforms V3.3 - EDIEC33E (Rules and Usages) - Query: Find". The interface includes a menu bar (File, Actions, View, Window, Help) and a toolbar with various icons. The system name is set to "EDIEC33E".

Three overlapping windows are visible, all titled "EDIEC33E":

- EDIEC33E (Trading Partners) - Query: All
- EDIEC33E (Envelope Profiles) - Query: All
- EDIEC33E (Rules and Usages) - Query: Find

The "EDIEC33E (Rules and Usages) - Query: Find" window is the active one, showing a table with the following data:

Dictio...	Docume...	Map...	P...	Sending Trading...	Receiving Tradin
TESTS	POXML5SR	POX...		ANY	ANY

At the bottom left of the window, it indicates "1 rows".

## 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

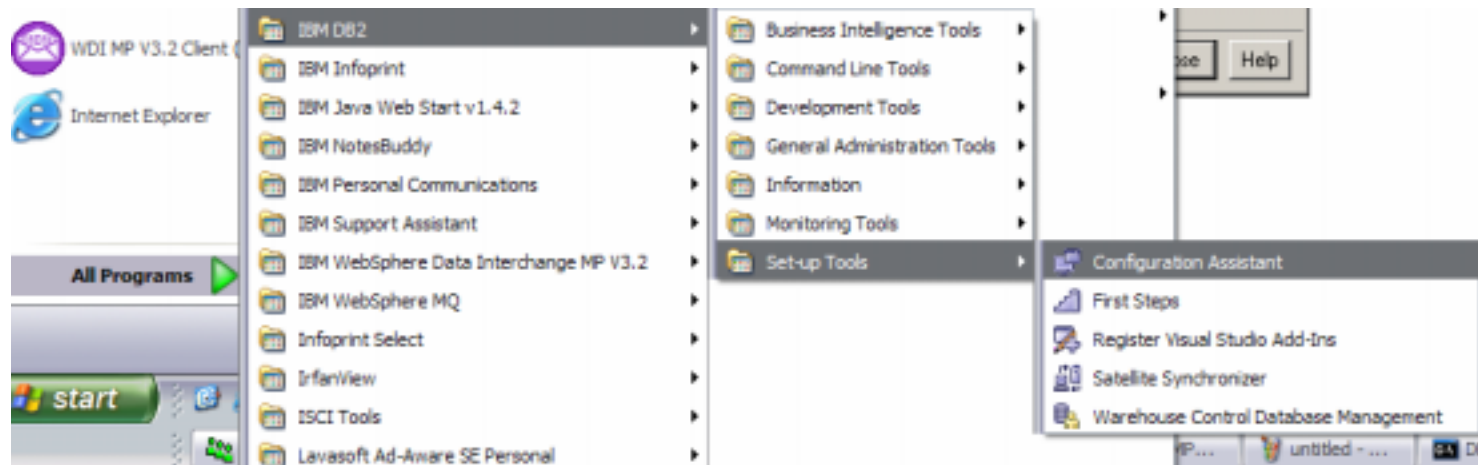
- End of Connecting WDI 3.3 Client to Server database – same machine Lab.
- The next slides are for information/help on how to setup ODBC/DB2 definitions for connecting you WDI 3.3 Client to a WDI 3.3 Server on a different/separate machine.

## 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** .



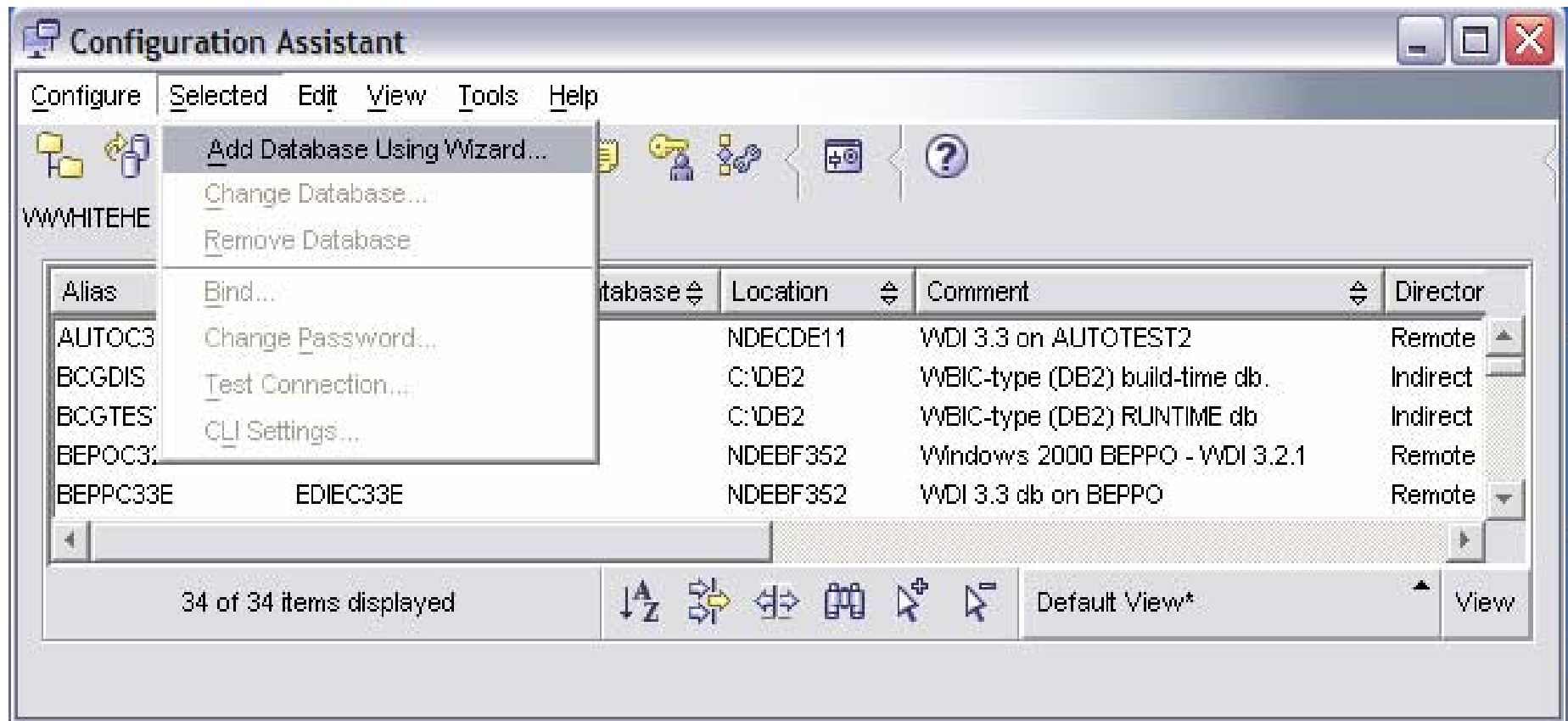
# Connecting WDI 3.3 Client to Server db – different machine

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



## Connecting WDI 3.3 Client to Server db – different machine

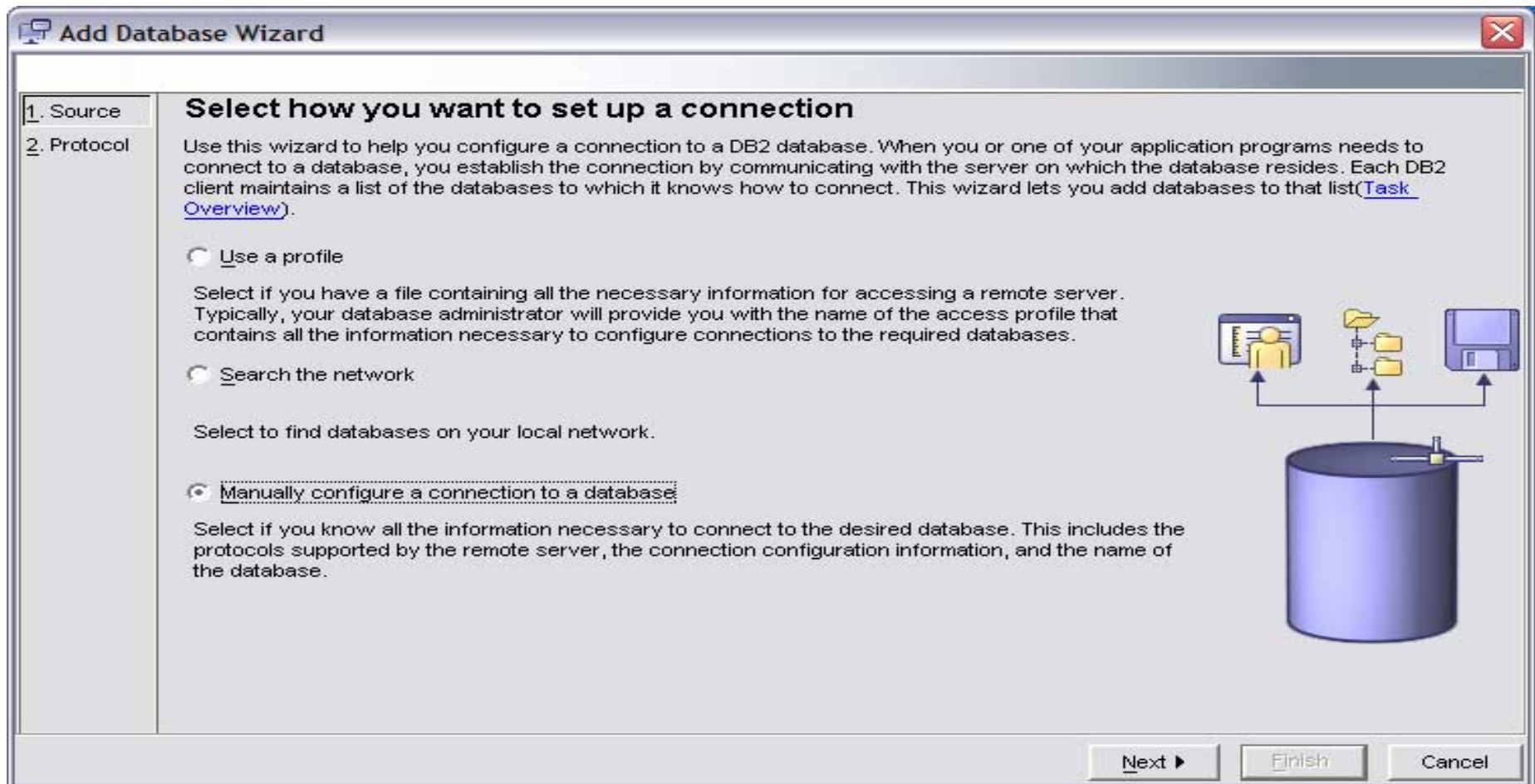
- Select the Selected option on the Tool bar and choose the “Add Database Using Wizard...” option.





# Connecting WDI 3.3 Client to Server db – different machine

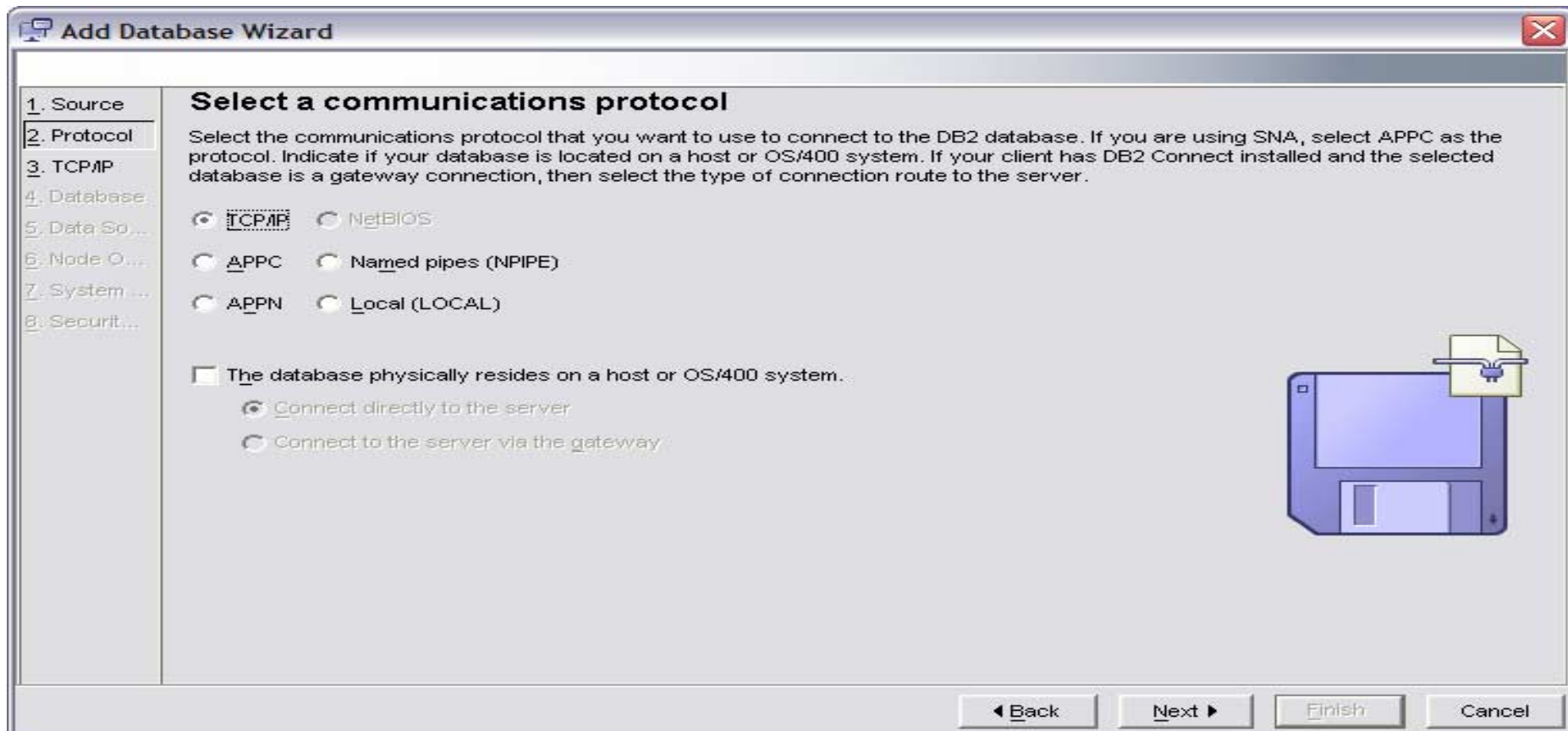
This should result in starting the Add Database Wizard with the “**Select how you want to set up a connection**” screen being displayed (as shown in the example below). Select the “**Manually configure a connection to a database**” radio button and press the **Next >** button.



# 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.



The screenshot shows the 'Add Database Wizard' window with the following content:

- 1. Source**
- 2. Protocol** (Selected)
- 3. TCP/IP**
- 4. Database**
- 5. Data So...**
- 6. Node O...**
- 7. System ...**
- 8. Securit...**

### Select a communications protocol

Select the communications protocol that you want to use to connect to the DB2 database. If you are using SNA, select APPC as the protocol. Indicate if your database is located on a host or OS/400 system. If your client has DB2 Connect installed and the selected database is a gateway connection, then select the type of connection route to the server.

TCP/IP     NetBIOS

APPC     Named pipes (NPIPE)

APPN     Local (LOCAL)

The database physically resides on a host or OS/400 system...

- Connect directly to the server
- Connect to the server, via the gateway

Navigation buttons: < Back, Next >, Finish, Cancel

# 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.

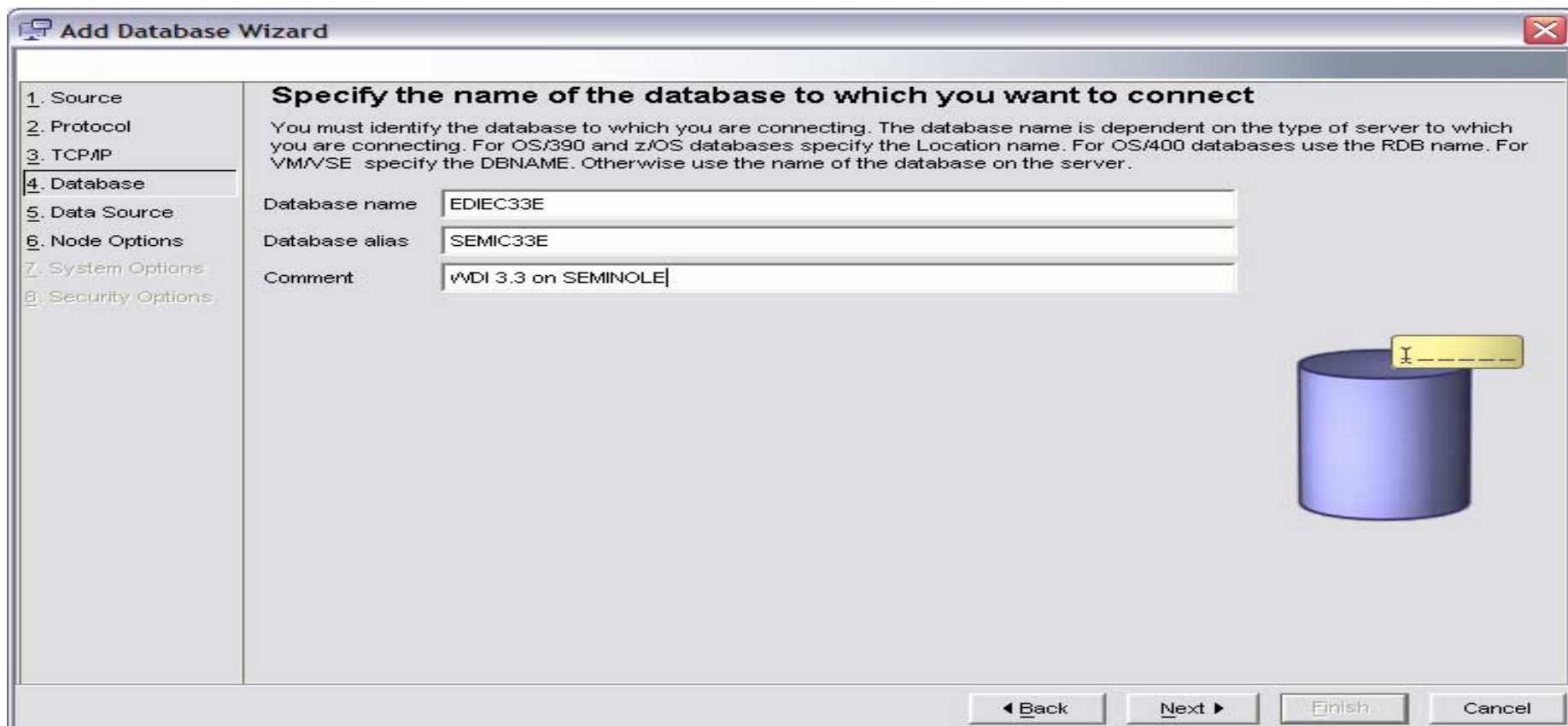


The screenshot shows a Windows-style dialog box titled "Add Database Wizard". On the left is a vertical list of steps: 1. Source, 2. Protocol, 3. TCP/IP (highlighted), 4. Database, 5. Data Source, 6. Node Options, 7. System Options, and 8. Security Options. The main area is titled "Specify TCP/IP communication parameters" and contains the following text: "You must provide the communication information required to connect to the database that you want to add. Your database administrator can provide the information necessary to configure communications for a database connection. If you specify a Service name only, there must be an existing service name entry in the TCP/IP services file." Below this text are three input fields: "Host name" with the value "seminole.tampa.usfl.ibm.com", "Service name" (empty), and "Port number" with the value "50000". To the right of the "Port number" field is a "Retrieve" button. In the bottom right corner of the main area is a blue cylinder icon representing a database, with a document icon on top. At the bottom of the dialog box are four buttons: "Back", "Next >", "Finish", and "Cancel".

# 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.



The screenshot shows a Windows-style dialog box titled "Add Database Wizard". On the left is a vertical list of steps: 1. Source, 2. Protocol, 3. TCP/IP, 4. Database (highlighted), 5. Data Source, 6. Node Options, 7. System Options, and 8. Security Options. The main area is titled "Specify the name of the database to which you want to connect" and contains the following text: "You must identify the database to which you are connecting. The database name is dependent on the type of server to which you are connecting. For OS/390 and z/OS databases specify the Location name. For OS/400 databases use the RDB name. For VM/VSE specify the DBNAME. Otherwise use the name of the database on the server." Below this text are three input fields: "Database name" with the value "EDIEC33E", "Database alias" with the value "SEMIC33E", and "Comment" with the value "WDI 3.3 on SEMINOLE". To the right of these fields is a 3D blue cylinder icon representing a database, with a yellow cursor icon hovering over it. At the bottom of the dialog are four buttons: "Back", "Next >", "Finish", and "Cancel".

1. Source	<b>Specify the name of the database to which you want to connect</b> You must identify the database to which you are connecting. The database name is dependent on the type of server to which you are connecting. For OS/390 and z/OS databases specify the Location name. For OS/400 databases use the RDB name. For VM/VSE specify the DBNAME. Otherwise use the name of the database on the server.
2. Protocol	
3. TCP/IP	
4. Database	
5. Data Source	
6. Node Options	
7. System Options	
8. Security Options	

Database name: EDIEC33E

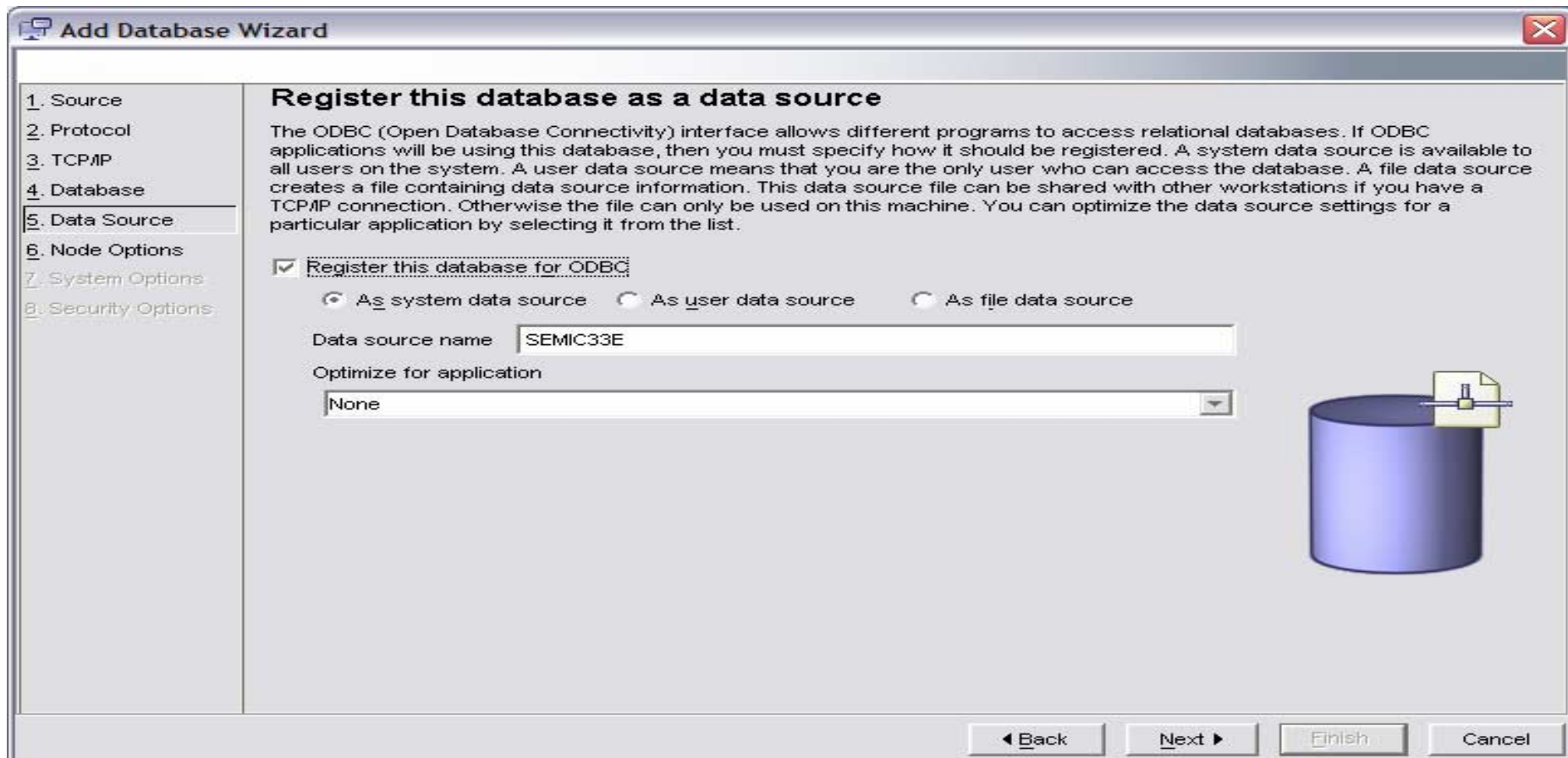
Database alias: SEMIC33E

Comment: WDI 3.3 on SEMINOLE

Buttons: Back, Next >, Finish, Cancel

# 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.



The screenshot shows the 'Add Database Wizard' dialog box, step 5: 'Register this database as a data source'. The left sidebar lists steps 1 through 8, with step 5 highlighted. The main area contains the following text and controls:

**Register this database as a data source**

The ODBC (Open Database Connectivity) interface allows different programs to access relational databases. If ODBC applications will be using this database, then you must specify how it should be registered. A system data source is available to all users on the system. A user data source means that you are the only user who can access the database. A file data source creates a file containing data source information. This data source file can be shared with other workstations if you have a TCP/IP connection. Otherwise the file can only be used on this machine. You can optimize the data source settings for a particular application by selecting it from the list.

Register this database for ODBC

As system data source    As user data source    As file data source

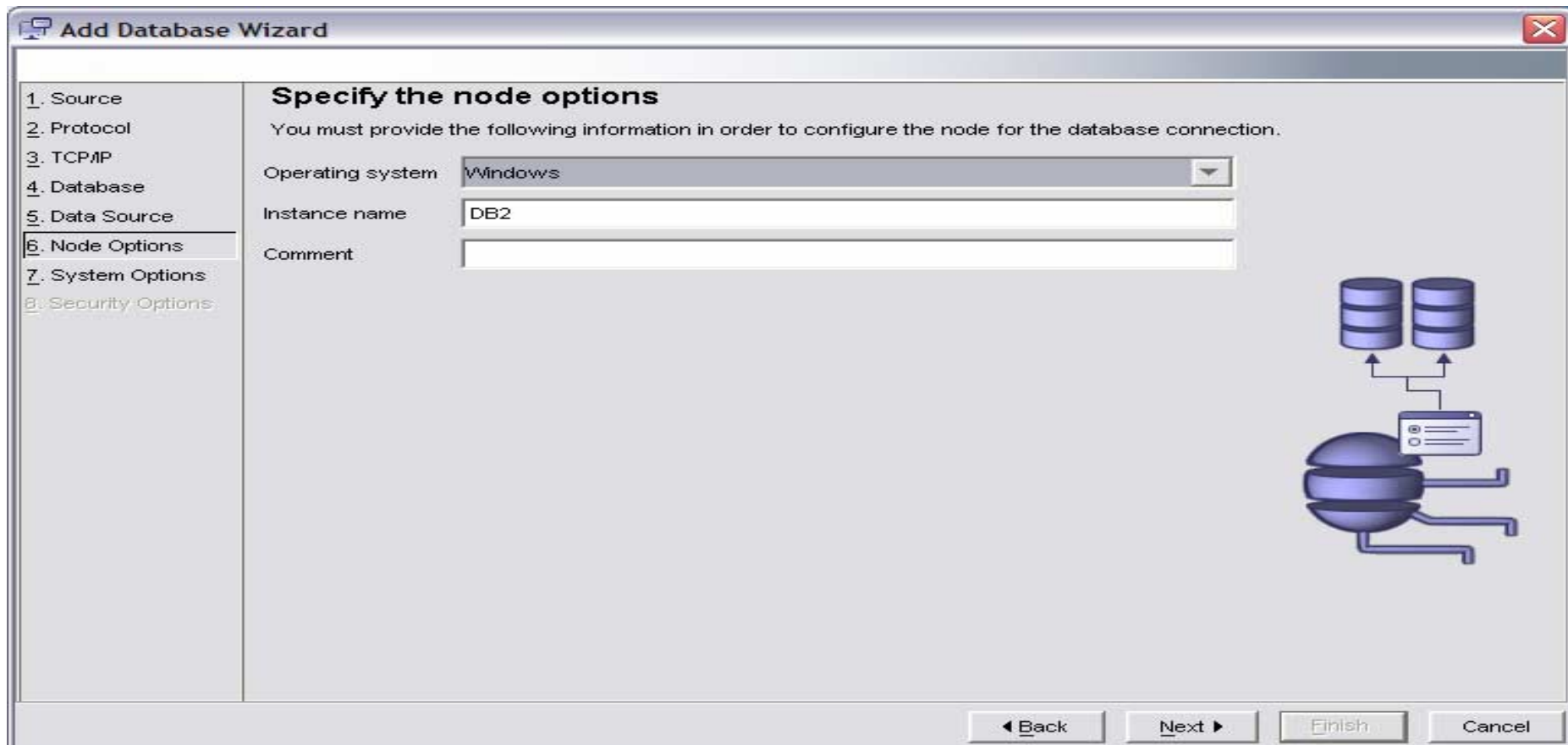
Data source name: SEMIC33E

Optimize for application: None

At the bottom right, there is an icon of a blue cylinder representing a database with a document icon on top. At the bottom of the dialog box, there are four buttons: 'Back', 'Next >', 'Finish', and 'Cancel'.

# 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.

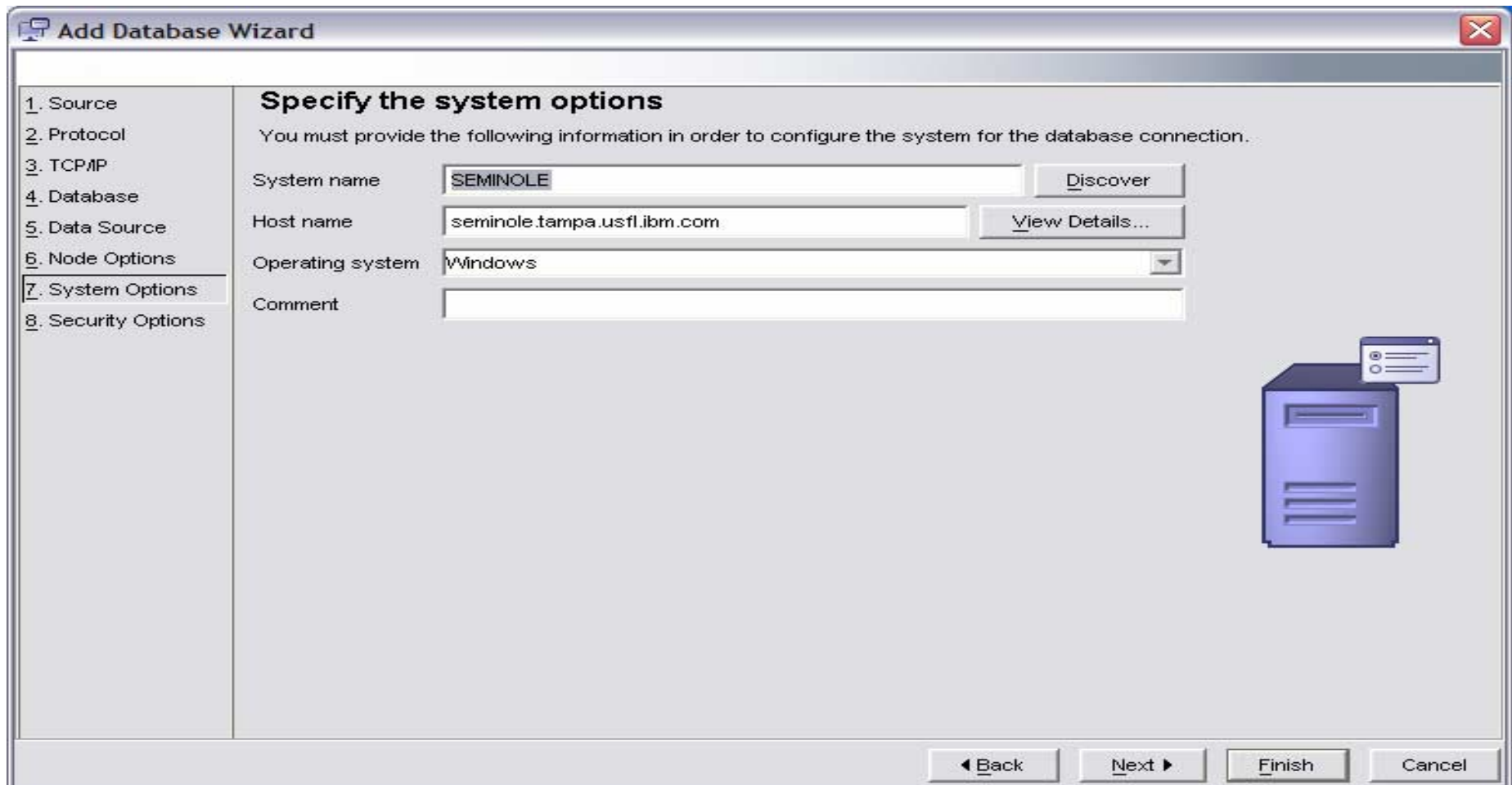


The screenshot shows the 'Add Database Wizard' dialog box, specifically the 'Specify the node options' step. The wizard is titled 'Add Database Wizard' and has a close button in the top right corner. On the left side, there is a list of steps: 1. Source, 2. Protocol, 3. TCP/IP, 4. Database, 5. Data Source, 6. Node Options (highlighted), 7. System Options, and 8. Security Options. The main area of the dialog is titled 'Specify the node options' and contains the following text: 'You must provide the following information in order to configure the node for the database connection.' Below this text are three input fields: 'Operating system' with a dropdown menu showing 'Windows', 'Instance name' with a text box containing 'DB2', and 'Comment' with an empty text box. On the right side of the dialog, there is a diagram showing a server icon connected to two database icons. At the bottom of the dialog, there are four buttons: 'Back', 'Next >', 'Finish', and 'Cancel'.



# 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 **System name**, ensure that the **Host name** field has the correct value and the **Operating system** value is correct and press the **Finish** button.



The screenshot shows the 'Add Database Wizard' dialog box, specifically the 'Specify the system options' step. The window title is 'Add Database Wizard'. On the left, a vertical list of steps is shown: 1. Source, 2. Protocol, 3. TCP/IP, 4. Database, 5. Data Source, 6. Node Options, 7. System Options (highlighted), and 8. Security Options. The main area is titled 'Specify the system options' and contains the instruction: 'You must provide the following information in order to configure the system for the database connection...'. Below this, there are four input fields: 'System name' with the value 'SEMINOLE' and a 'Discover' button; 'Host name' with the value 'seminole.tampa.usfl.ibm.com' and a 'View Details...' button; 'Operating system' with a dropdown menu set to 'Windows'; and a 'Comment' field. At the bottom right, there is an icon of a server tower with a small window icon above it. At the bottom of the dialog, there are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'.

Field	Value	Buttons
System name	SEMINOLE	Discover
Host name	seminole.tampa.usfl.ibm.com	View Details...
Operating system	Windows	
Comment		



# Connecting WDI 3.3 Client to Server db – different machine

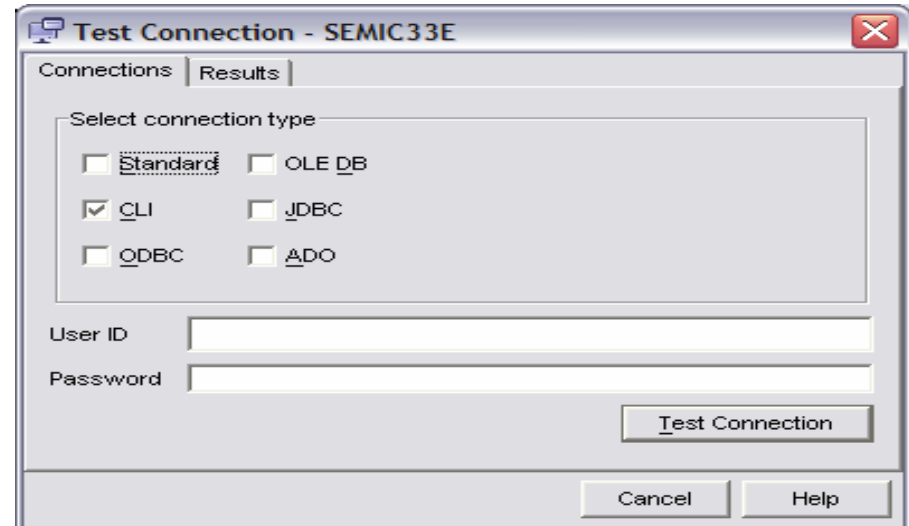
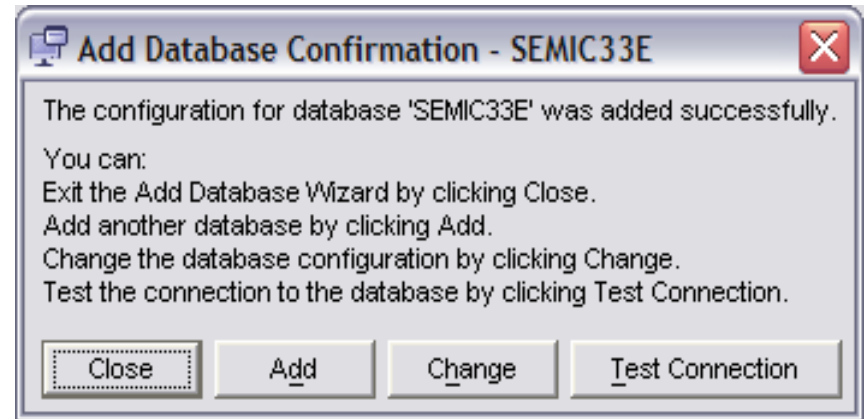
This should result in the “**Add Database Confirmation**” screen being displayed (as shown in the example below).

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 Confirmation** 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.