



ENOVIA SmarTeam

**SmarTeam DB2 Edition
Installation Guide**

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Chapter 1: Introduction

Overview

This guide provides all the information necessary for the SmarTeam System Administrator to successfully install the SmarTeam DB2 Edition Software.

This guide defines the various types of DB2 installations used with SmarTeam and shows the DBA – SmarTeam implementer how to successfully configure a DB2 system for use with SmarTeam.

This guide assumes knowledge and experience installing DB2 on both server and client stations. This guide describes all specific settings required for successful implementation.

Software Location

The installation procedure described is for the SmarTeam DB2 Edition software, which is available on the SmarTeam CD-ROM-9.

Related Documentation

All the documentation mentioned in this document, unless specified otherwise, are available on the SmarTeam Documentation CD.

| Document | Remarks |
|--------------------------------------|--|
| Hardware and Software Requirements | Details the hardware and software required for a successful installation |
| SmarTeam – Editor Installation Guide | This document provides all the information necessary for the SmarTeam Administrator to install the SmarTeam – Editor software on a designated server |

SmarTeam Corporation Internet Site

You are highly recommended to frequently visit the SmarTeam Corporation Internet site for the latest updates to SmarTeam and plug-in products, including the latest service packs, hot fixes and technical support at <http://www.smarteam.com>.

In addition, you will also be able to view any installation known issues.

Chapter 2: Installation Checklist

Choose one of the following types of installations for SmarTeam – DB2 Edition:

- Server: Installs SmarTeam – DB2 Server on a remote machine.
- Client: Installs SmarTeam – DB2 Client on a local machine.

This checklist gives a detailed list of all the steps that need to be performed and the order in which the products need to be installed. You must complete all the stages in this checklist to successfully install DB2.

Checklist: Server

*Requirement: M = Mandatory, O = Optional

| <input type="checkbox"/> | Item | M/O* | Reference |
|--------------------------------------|---|------|--|
| Stage 1: Pre-Installation | | | |
| <input type="checkbox"/> | Verify that your Hardware & Software meet the requirements | M | SmarTeam Hardware and Software Requirements Guide |
| <input type="checkbox"/> | Verify that the DB2 software meet the minimum requirements | M | System Requirements |
| <input type="checkbox"/> | Verify that you have the SmarTeam – Editor installed on your system | M | SmarTeam – Editor Installation Guide |
| <input type="checkbox"/> | Check for any additional prerequisites on the SmarTeam Web Site | M | Release Notes of latest service pack in the release or SmarTeam Support Site |
| Stage 2: Installation Process | | | |
| <input type="checkbox"/> | Run SmarTeam – DB2 Server installation | M | Server Installation |
| <input type="checkbox"/> | Install the FixPak11 | M | Installing FixPak11 |
| <input type="checkbox"/> | Rebind the existing DB2 bind files | O | Rebinding Bind Files after Update of Existing Installation to FixPak |
| Stage 3: Post Installation | | | |
| <input type="checkbox"/> | Set up DB2 memory | M | Memory Tuning |
| <input type="checkbox"/> | Expand the DB2 buffer cache | M | DB2 Buffer Cache |
| <input type="checkbox"/> | Set up the statistics collection | M | Statistics Collection |

Checklist: Client

*Requirement: M = Mandatory, O = Optional

| <input type="checkbox"/> | Item | M/O* | Reference |
|--------------------------------------|---|------|--|
| Stage 1: Pre-Installation | | | |
| <input type="checkbox"/> | Verify that your Hardware & Software meet the requirements | M | SmarTeam Hardware and Software Requirements Guide |
| <input type="checkbox"/> | Verify that the DB2 software meet the minimum requirements | M | System Requirements |
| <input type="checkbox"/> | Verify that you have the SmarTeam – Editor installed on your system | M | SmarTeam – Editor Installation Guide |
| <input type="checkbox"/> | Check for any additional prerequisites on the SmarTeam Web Site | M | Release Notes of latest service pack in the release or SmarTeam Support Site |
| Stage 2: Installation Process | | | |
| <input type="checkbox"/> | Run the custom client | M | Basic Client Installation |
| <input type="checkbox"/> | Run the admin client | M | Admin Client Installation |
| Stage 3: Post Installation | | | |
| <input type="checkbox"/> | Create a SmarTeam Database with Data Model Designer | M | Creating a New Smarteam Database Using the Data Model Designer |
| <input type="checkbox"/> | Create a SmarTeam DB User in DB2 | M | Creating a SmarTeam Database User in DB2 |
| <input type="checkbox"/> | Create a SmarTeam Database in DB2 | M | Creating a SmarTeam Database in DB2 |
| <input type="checkbox"/> | Set up a SmarTeam Connection DB2 | M | Setting Up a Connection from a Smarteam Client |

Chapter 3: System Requirements

Hardware and Software Requirements

This chapter is in addition to the DB2 Edition section in the Hardware and Software Requirements document. This section provides details of the hardware and software required for successful installation of the DB2 Edition.

Recommended system requirements necessitate sizing the specific customer configuration. Contact your SmarTeam support team to obtain the most recent metrics, test results and recommendations.

Server Requirements

This installation assumes the following hardware and software configuration:

- Number of CPUs: 1 (2 are recommended)
- Minimum Processor Type: Pentium III, 700 MHz
- RAM: 512MB
- Hard-disk drive space: 4.5 GB [3GB for installation + 1.5 GB for database]
- OS: Windows 2000 SP3

Client Requirements

There are two types of Client installations:

- **Basic Client** - Up to 200 MB free disk space is required for the DB2 client installation.
- **Admin Client** - Up to 460 MB free disk space is required for the DB2 Admin client installation.

For other hardware configurations, refer to the requirements recommended by your software vendor, for example, SmarTeam, CAD, and Office.

Compatible DB2 UDB Versions for SmarTeam

This section describes the compatibility of the different DB2 versions that are supported by SmarTeam.

DB2 UDB Express Edition 8.2.4

- **DB2 8.2.4 Express Edition** – The DB2 8.2.4 Express Edition works on Windows and Linux and has a limitation of two CPUs. It is provided on a CD identified as the Express Edition.

DB2 UDB Workgroup Edition 8.2

- **DB2 8.2.4 Workgroup Edition** – The DB2 8.2.4 Workgroup Edition works on all DB2 UDB 8.2 supported platforms, including MS Windows and AIX 5L. It is limited by four CPUs. It is provided on a CD identified as the Workgroup Edition.

The DB2 UDB 8.2 Documentation is supplied on a separate CD and applies to both DB2 UDB 8.2 Workgroup Edition and Express Edition.

DB2 UDB Express Edition 8.1 + FixPak11

- **DB2 8.1 Express Edition** – The DB2 8.1 Express Edition works on Windows and Linux and has a limitation of two CPUs. It is provided on a CD identified as the Express Edition.

The DB2 UDB 8.1 Documentation is supplied on a separate CD and applies to both DB2 UDB 8.1 Workgroup Edition and Express Edition.

DB2 UDB Workgroup Edition 8.1 + FixPak11

- **DB2 8.1 Workgroup Edition** – The DB2 8.1 Workgroup Edition works on all DB2 UDB 8.1 supported platforms, including MS Windows and AIX 5L. It is limited by four CPUs. It is provided on a CD identified as the Workgroup Edition.

The DB2 UDB 8.1 Documentation is supplied on a separate CD and applies to both DB2 UDB 8.1 Workgroup Edition and Express Edition.

For more information about DB2 UDB versions refer to the DB2 documentation.

- **FixPak11 for DB2 8.1 Server** – The FixPak11 is a patch for DB2 8.1 GA version. Each DB2 DB 8.1 Workgroup Edition and DB2 UDB 8.1 Express Edition requires its own FixPak11. The FixPaks are supplied on their respective CDs as a self-installing executables.

To access all available DB2 8.1 FixPaks (in all supported languages and platforms) use the following link:

http://www-3.ibm.com/cgi-bin/db2www/data/db2/udb/win02unix/support/v8fp_hist.d2w/report

- **FixPak11 for DB2 8.1 Admin Client**

- The DB2 UDB 8.1 Admin Client CD, supplied by SmarTeam includes complete DB2 8.1 GA + FixPak11 code and does not require any further upgrade.

Notes:

- The DB2 UDB 8.2.4 GA and DB2 8.1 + FixPak11 are the same code level.
- The Basic Client is installed from the Administration CD. The SmarTeam software package does not include a separate DB2 UDB 8.1 Run-time client installation CD.
- Client and server installations **MUST** be of the same version, including the FixPak.
- DB2 8.2.4 is parallel to DB2 8.1 + FixPak11.

For more information about DB2 UDB versions refer to the IBM DB2 documentation (packaged together with the SmarTeam documentation CD).

Determining the Installed DB2 Installation Version

Use `db2level` command prompt command both for Windows and Unix platforms to determine the exact DB2 UDB version installed.

Order of Installation

Refer to [Chapter 2, Installation Checklist](#) for a detailed list of all the steps that need to be performed.

The installation procedure is split into the following stages:

Stage 1: Pre-Installation (This Chapter)

Stage 2: Installation Process ([DB2 Server Installation Process](#) or [DB2 Client Installation Process](#))

Stage 3: Post-Installation ([DB2 Server Post Installation](#) or [DB2 Client Post Installation](#))

For a successful installation you must complete one stage before proceeding to the next stage.

Notes: Once you have completed all the stages you can start working with SmarTeam DB2 Edition.

Prerequisites

Before installing the DB2 Edition, you must check the following:

- Required Privileges for Installer/User - The installer/user must be a member of the local Administrators group.
- Uninstall previous versions - Prior to installing a new version of the DB2, previous versions must be uninstalled.
- Installation of the SmarTeam – Editor.

Chapter 4: DB2 Server Installation Process

This chapter provides a step-by-step description of the installation process for installing the following SmarTeam DB2 Server installation types most frequently used with SmarTeam.

There are two types of installations for the DB2 Edition software.

Server: Installs the DB2 Edition on the server (see [New Server Installation](#) or [Upgrading DB2 8.1 Workgroup or Express Installation to a Later Version](#)).

Client: Installs DB2 Edition on the client (see [Basic Client Installation](#) or [Admin Client Installation](#))

Server Installation

The SmarTeam DB2 software consists of the following two server installations:

- **New Server Installation:** Installs DB2 Edition software on the server. This procedure presumes that you are installing DB2 Edition software for the first time and not upgrading.
- **Upgrading DB2 8.1 Workgroup or Express Installation to a later Version:** Upgrades the latest DB2 Edition software on the server.

DB2 8.1 Workgroup Edition, Express Edition and newer versions for Windows are supplied on SmarTeam CDs as auto-install executables. To install the DB2, you need to extract the server installations to a location and then run the db2setup executable.

Note: For more information on DB2 8.1 – connecting the DB2 Client to the DB2 Server, see [Setting Up a Connection from a DB2 Client](#).

Buttons

The following buttons are available at the bottom of the installation windows:

- **Next:** Confirms your selection in the current window and proceeds to the next window.
- **Back:** Allows you to return to the previous window.
- **Cancel:** Allows you to abort the installation setup program without installing the DB2 Edition.

New Server Installation

Performing a typical DB2 Server installation, the following components are installed automatically from the IBM software, but are not required for proper functioning of the SmarTeam software:

- DB2 Query Patroller Client
- Documentation
- Data Warehousing Tools
- Data Warehouse ISV Toolkit
- Getting Started

After completing the server installation, you must install FixPak11 (see [Installing FixPak11](#)).

Installing FixPak11

The available FixPaks packaged together with the DB2 CD are:

- FixPak11 for DB2 8.1 Express Edition windows platform
- FixPak11 for DB2 8.1 Workgroup Edition windows platform
- FixPak11 for DB2 8.1 Workgroup Edition AIX platform

Note: The FixPak11 for DB2 8.1 Workgroup Edition and Express Edition for Windows platform installation is a single auto-install executable. While extracting, it temporarily requires 500 MB of space on your local disk.

To access all available DB2 8.1 FixPaks (in all supported languages and platforms) use the following link:

<http://www-3.ibm.com/cgi-bin/db2www/data/db2/udb/winos2unix/support/v8fphist.d2w/report>

Note: Before installing FixPak11, read the FixpakReadme.txt file and Release Notes file and perform the following procedure, [Upgrading DB2 8.1 Workgroup or Express Installation to a Later Version](#):

Upgrading DB2 8.1 Workgroup or Express Installation to a Later Version

If you need to upgrade the existing server installation of DB2 8.1 or DB2 8.1 + FixPak3 Workgroup or Express Edition, refer to [Installing FixPak11](#).

Notes:

- To migrate from DB2 7.2 Enterprise Edition to a newer version, see the DB2 V5R13 installation documentation.
- You must upgrade the server and client DB2 installations to the latest version.

Migration Procedure

To safely migrate an existing DB2 UDB Server installation (including databases) to the DB2 UDB Workgroup Edition or DB2 UDB Express Edition, perform the following procedure:

1. Backup your DB2 UDB database using any of the DB2 UDB utilities (for example, DB2 Control Center).
2. Uninstall the DB2 UDB installation.
3. Delete all DB2 related folders.

4. Install the appropriate Edition – DB2 8.1 UDB Workgroup Edition or DB2 8.1 UDB Express Edition – with the appropriate FixPaks.
5. Create new databases from backup using any of the DB2 UDB utilities (for example, DB2 Control Center).

Note: When you restore a database that was backed up in DB2 7.2, it is automatically upgraded to DB2 8.1 UDB FixPak11.

6. Collect statistics on the databases you've created from backup (Refer to the [Memory Tuning](#) chapter of this document).

For information about alternative migration methods, refer to the DB2 UDB Documentation or contact the appropriate vendors support.

The procedure described above is relevant for upgrading a DB2 7.2 with any FixPak.

Note: This migration procedure is relevant for the database server installation only.

Rebinding Bind Files after Update of Existing Installation to FixPak

This section is only relevant if you have an existing DB2 UDB 8.1 Workgroup Edition installed and in use with a SmarTeam database and you have updated that DB2 version to any FixPak.

Note: This section is not relevant for a new installation of DB2 UDB 8.1.

Due to the new bind (bnd) files shipped with FixPak11, you will need to rebind your **DB2** utilities against all your databases after installing FixPak11. This step is necessary in order for the fixes in this **FixPak** to be effective. The rebinding procedure, described below, only needs to be performed once per database.

Procedure for Rebinding to Non-DRDA DB2 Databases

After applying FixPaks, perform the following procedure, using the DB2 command line processor:

1. `db2 terminate`
2. `db2 CONNECT TO <dbname>`
3. `db2 BIND C:\SQLLIB\BND\@db2ubind.lst GRANT PUBLIC`
4. `db2 BIND C:\SQLLIB\BND\@db2cli.lst GRANT PUBLIC`
5. `db2 terminate`

Where <dbname> is the name of a database to which the utilities should be bound.

DB2UBIND.LST and DB2CLI.LST contain lists of commonly required bind files used for DB2.

What Next?

After you have installed SmarTeam DB2 Edition Server, you need to perform all post installation tasks.

Chapter 5: DB2 Server Post Installation

After completing the installation process, you must perform the tasks described in this chapter for the relevant server.

Memory Tuning

Use DB2 Performance Wizard to configure instance and databases for optimal usage.

Set the DB2 available memory to be at least 100 MB free. For example, if you have 1 GB RAM, leave 100 MB for the operating system, 100 MB free, and 800 MB divided amongst the DB2 Control Server and your databases.

DB2 Buffer Cache

The default DB2 user data tablespace has a block size of 4KB. When a table is created, DB2 requires the table header length (sum of all columns length) to fit the block size. If you try to create a table with header length exceeding 4KB, an error message is displayed.

The minimum amount of tablespace is 8KB for SmarTeam data, this is sufficient for most situations. SmarTeam recommends creating a tablespace with a page size of 32KB if you use large data files. By creating the recommended page size the result is inefficient allocation of space, because of this we need to acquire a further 8KB-page size for big-header tables.

To create a tablespace to cover a big-header (the sum of all headers in a table):

1. Determine page size necessary to contain your large tables, for example 8KB.
2. Create a buffer pool with page size 8KB.
3. Create user data tablespace with page size 8KB, and assign it to the buffer pool.
4. Create a temporary system tablespace with an 8KBpage size and assign it to the same buffer pool. This is a mandatory step if you create a permanent tablespace with an 8KB block size.

Statistics Collection

Statistics collection is a basic method to support a DB2 database performance. You should collect statistics on a regular basis according to your environment. For more information refer to them original IBM DB2 documentation.

Connect to a DB2 database as a DBA user in a DB2CLI application and issue the following command: REORGCHK UPDATE STATISTICS ON TABLE.

What Next

After you have completed the SmarTeam DB2 Edition Installation and performed all post installation tasks, the SmarTeam DB2 is ready to be used to work with SmarTeam – Editor.

Chapter 6: DB2 Client Installation Process

This chapter provides a step-by-step description of the installation process for installing the SmarTeam DB2 Client installation types most frequently used with SmarTeam.

Client Installation SmarTeam

There are two types of Client installations for the DB2 Client Installation:

- **Basic Client Installation** - Recommended for SmarTeam users. This installation functions as a Run-time client installation (see [Basic Client Installation](#)).
- **Admin Client Installation** - Recommended for the DB2 Database administrator (see [Admin Client Installation](#)).

All Client software installations and FixPak11 are obtained from the SmarTeam DB2 UDB 8.1 Admin Client CD. This CD includes complete DB2 8.1 GA + FixPak11 code and does not require any further upgrade.

Notes:

- Before installing FixPak11, it is recommended to first read the FixpakReadme.txt file and Release Notes file.
- For more information on DB2 8.1, connecting the DB2 Client to the DB2 Server, see [Setting Up a Connection from a DB2 Client](#).

For more information about these client installations, refer to the IBM DB2 Installation Guide.

Buttons

The following buttons are available at the bottom of the installation windows:

- **Next:** Confirms your selection in the current window and proceeds to the next window.
- **Back:** Allows you to return to the previous window.
- **Cancel:** Allows you to abort the installation setup program without installing the DB2 Edition.

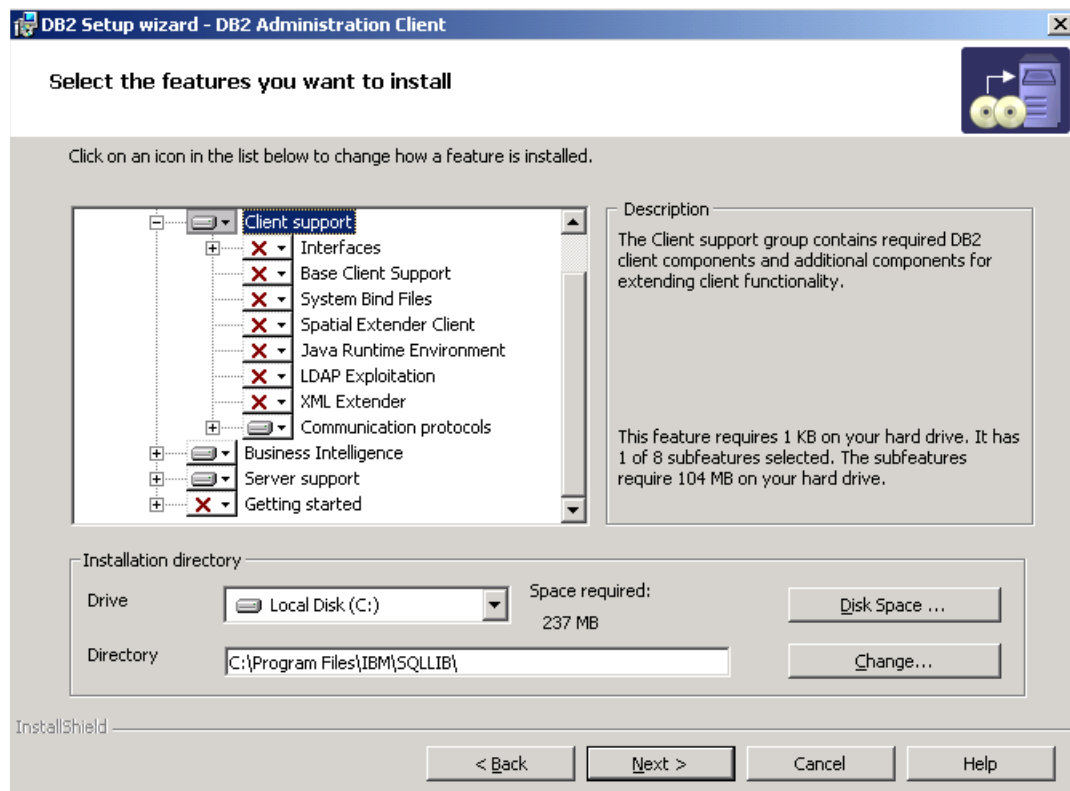
Basic Client Installation

A Basic Client installation is a custom Admin Client installation using a minimal component set. It functions as a run-time client installation.

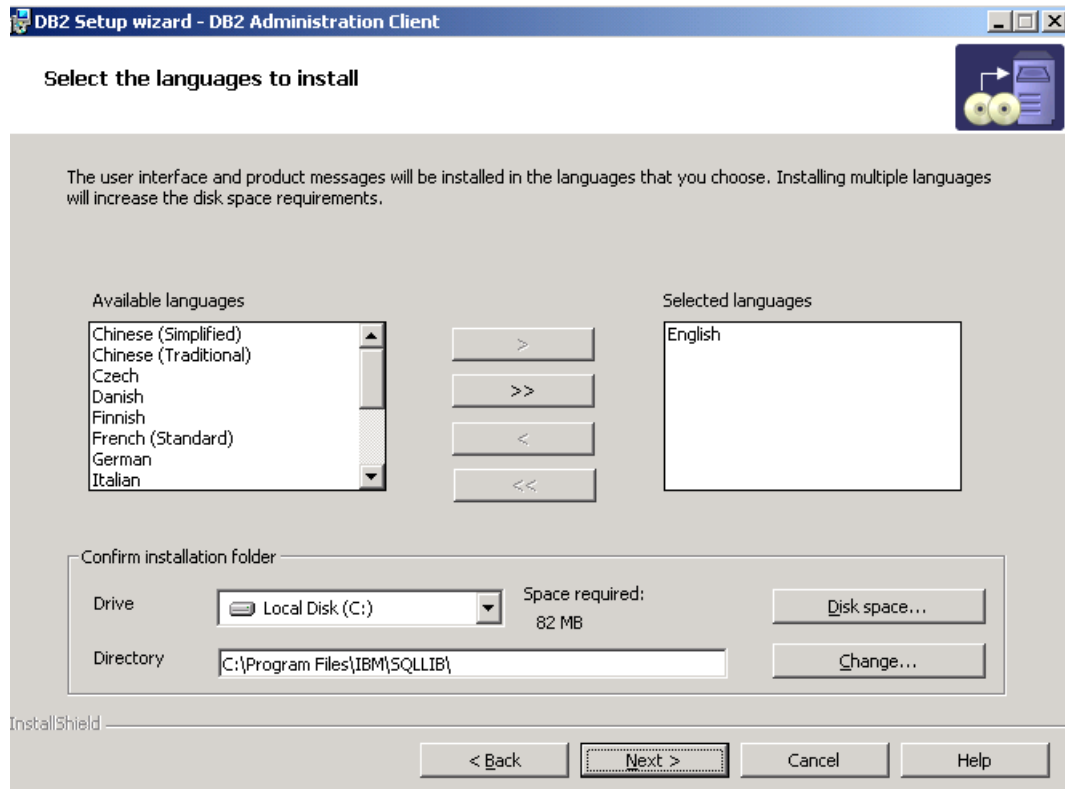
Notes: For more information on DB2 8.1, connecting the DB2 Client to the DB2 Server, see [Setting Up a Connection from a DB2 Client](#).

Running the installation:

1. From the DB2 Installation disk (located in the packaged SmarTeam software CD), select **Custom** and select only the following mandatory components:
 - Communication Protocols
 - Base Client Support
 - Click **Next**.

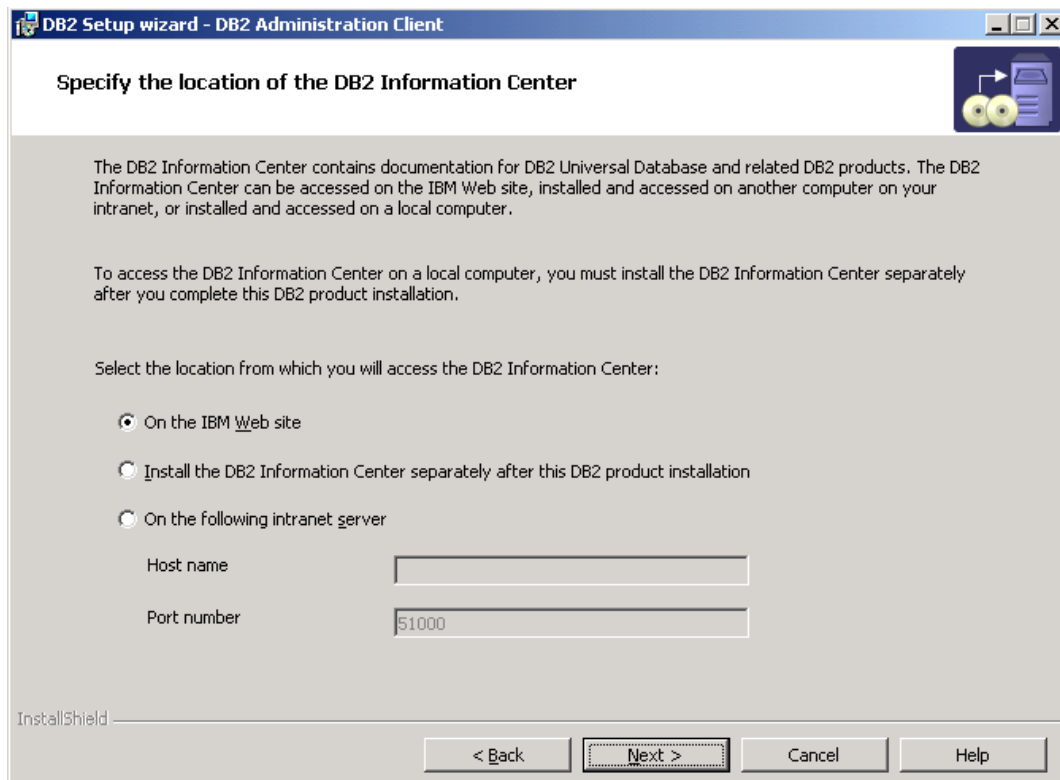


2. In the Languages to Install window:
 - Choose your desired language
 - Click **Next**.



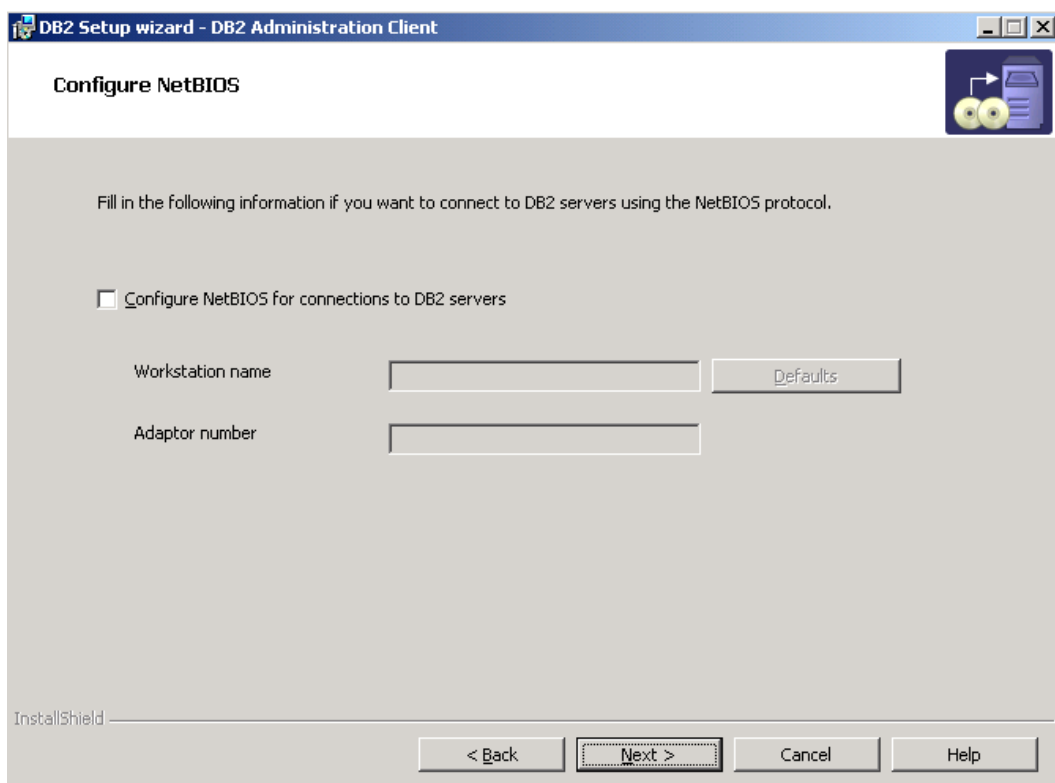
3. In the Location of the DB2 Information Center window:

- Select one of the options for the location of the DB2 Information Center
- Click **Next**.



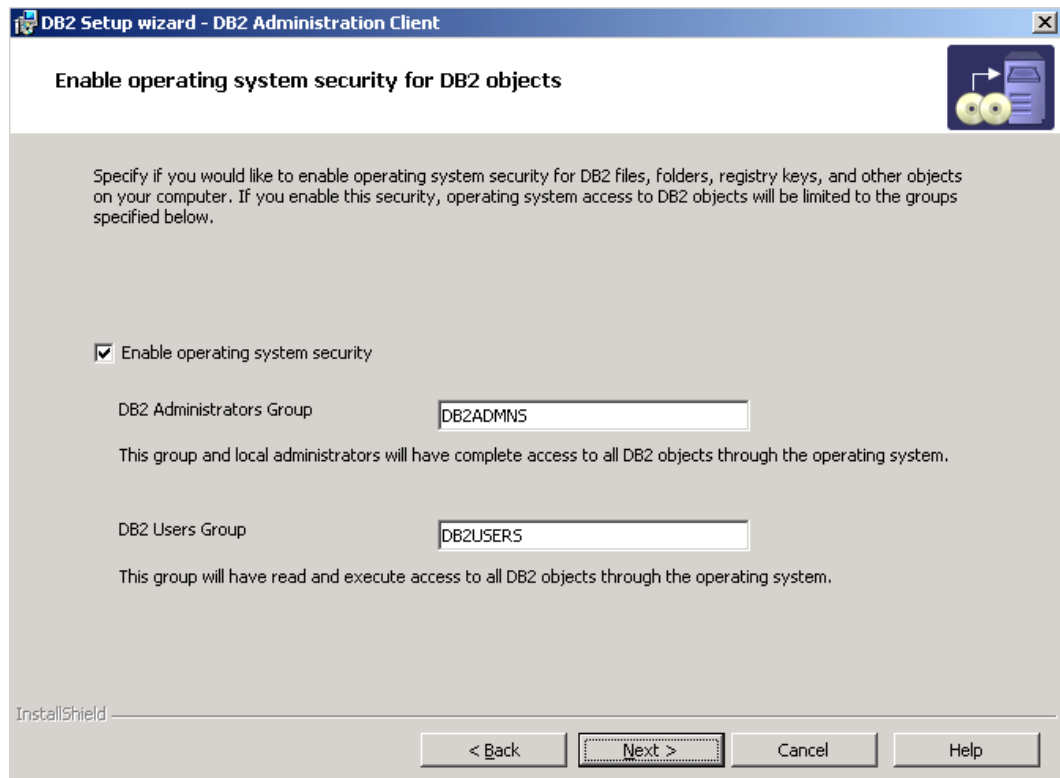
4. In the Configure the NetBIOS window:

- If you want to configure the NETBIOS, check the **Configure NETBIOS** checkbox
- Click **Next**.



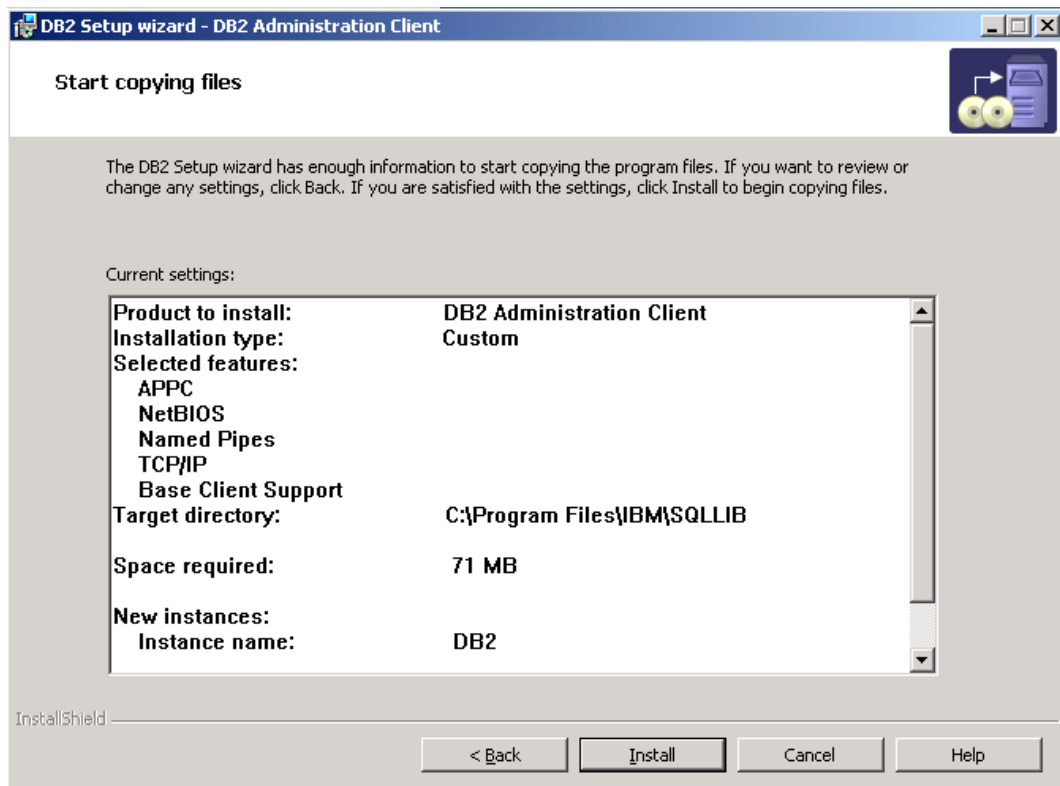
5. In the Enable the Operating System Security for DB2 Objects window:

- Click the **Operating System Security** checkbox
- Click **Next**.

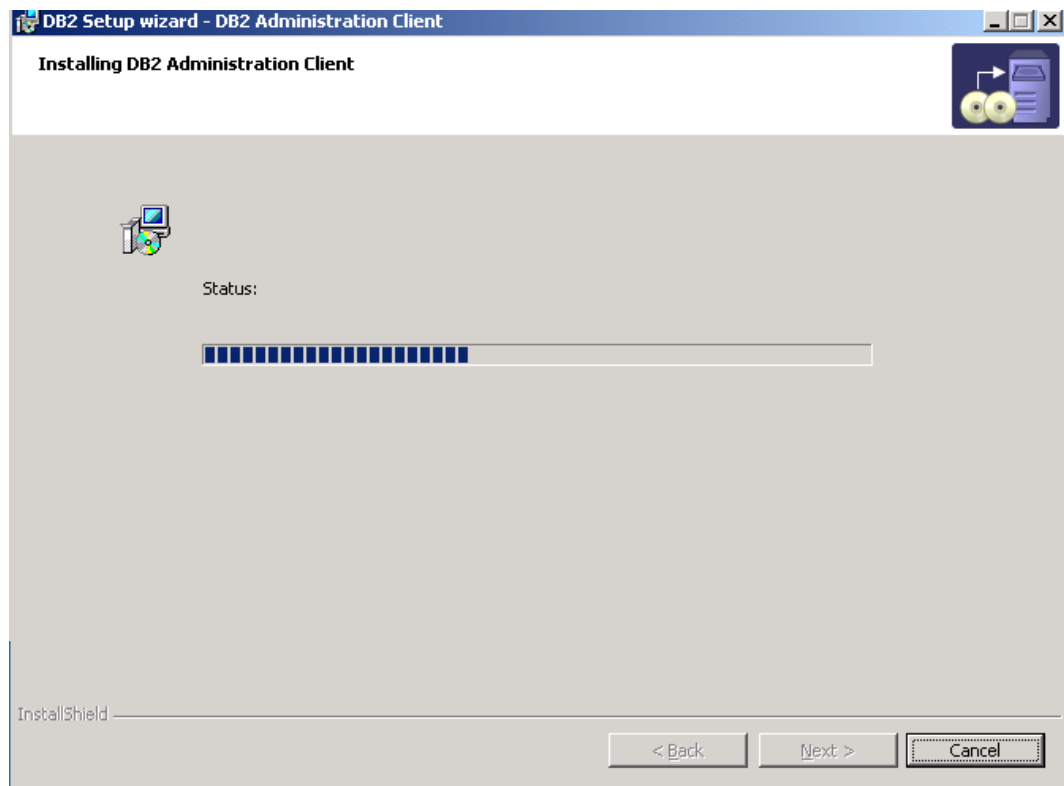


6. In the Start Copying Files window:

- Click **Install** to start the installation process.

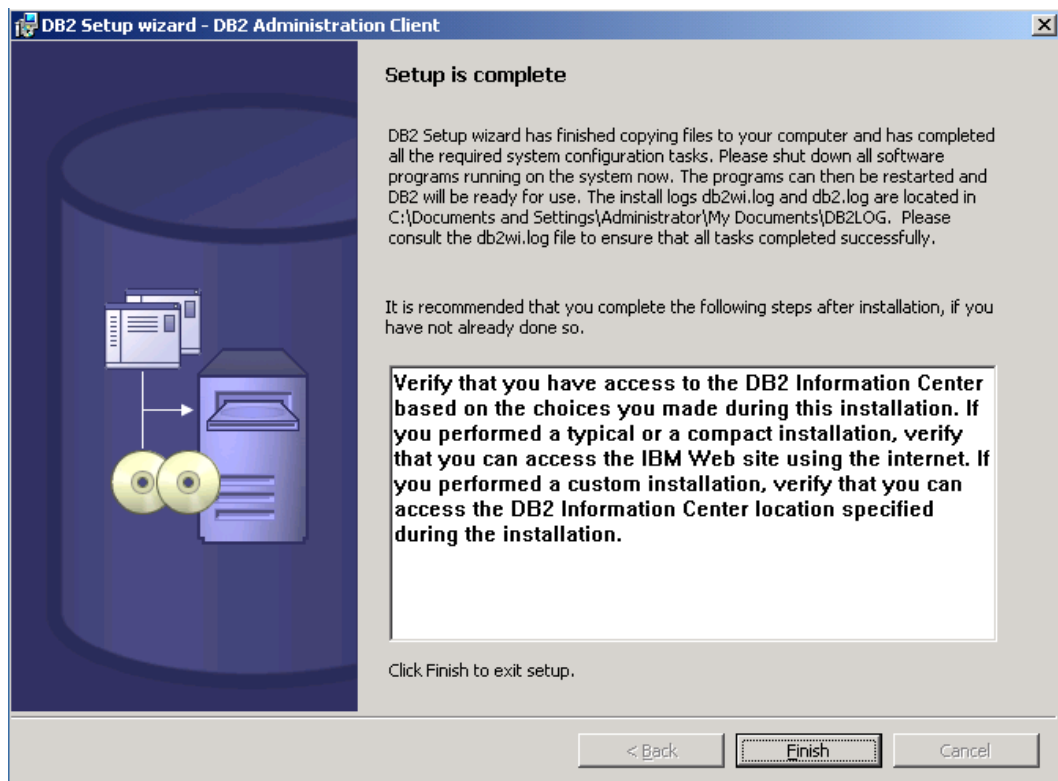


In the Installing DB2 window, progress is indicated on the screen via the Setup Status Graphics Bar window.



7. The Setup is complete window appears indicating whether or not the installation was successful.

- If the setup was not successful, click **Finish** to exit, then re-install the DB2 Edition.
- If the setup was successful, click **Finish** to complete the Installation appears and restart the system.



Admin Client Installation

To run the Admin Client Installation, you must perform the following steps:

1. From the DB2 Installation disk (located in the packaged SmarTeam software CD), select **Custom** and select all but the following components:
 - Data Warehousing Tools
 - Getting Started

Note: The above components are not necessary for the functioning of an Admin Client in SmarTeam on DB2.
2. Open **Subcomponents** for administration and configuration tools and clear **LDAP Directory Explanation**.
3. If this is the first DB2 Admin Client installed on the computer:
 - Create a user on the operating system. The user will be authenticated and used by DB2.
 - Click **Next** and follow the same installation process as the [Basic Client Installation](#).
4. Restart your computer after successfully completing the **DB2 Admin Client** installation.

Note: There is only one SmarTeam database on DB2, this is the DB2 database schema. The DB2 database schema contains basic SmarTeam objects, such as tables, indexes and so forth.

What Next?

After you have installed SmarTeam DB2 Edition Client, you must install all post -installation tasks.

Chapter 7: DB2 Client Post Installation

After installing the DB2 Edition Client software, you must perform the following post-installation tasks.

Creating a SmarTeam Database User in DB2

The DB2 Server needs to be set to use the DB2 Server-Side Authentication mode. This requires creating an OS (Windows or UNIX) user on the server and assigning this OS user to the Local Users group. Assigning this OS user to additional groups is not necessary. An OS user should be created with the appropriate privileges before creating the SmarTeam database.

To create a SmarTeam database, perform the following procedure:

1. Create an OS user, named, for example, **SmarTeam**, to provide authentication.
2. Create a DB2 user, using the same name as the OS user (SmarTeam) to access the DB2 database.
This DB2 user uses the authentication supplied by the OS user created in step 1.
3. Create a DB2 database schema, using the same name as the DB2 user, SmarTeam, and assign the DB2 user SmarTeam as an authentication user.
4. Grant the SmarTeam DB2 user (created in step 2) the following database-level privileges:
 - CONNECT DATABASE
 - CREATE TABLE
 - SELECT on SYSIBM.SYSDUMMY1 from the VIEWS level
5. In the **TABLESPACES** tab:
 - Grant a tablespace quota to the SmarTeam user.
6. In the **SCHEMAS** tab:
 - Check whether the user, SmarTeam, has permissions to use its schema.

Creating a SmarTeam Database in DB2

A SmarTeam database is created by either of the following:

- Using the SmartDBExplorer utility (copied from another database source).
- Creating/Modifying Database functionality of the SmarTeam Data Model Designer.

Note: While data is written to a DB2 schema, you might receive error messages related to lack of space in the SmarTeam user table space. This occurs if you are using a database-managed tablespace.

In DB2, there are two types of tablespaces:

- **System Managed and Database Managed** - System managed tablespaces automatically adjust their size to accommodate the data; you only need to provide sufficient disk space.
- **Fixed Database Managed Tablespace** - The database managed tablespaces have a fixed size and do not automatically adjust to accommodate data.

Working with Database-Managed Tablespaces

When a SmarTeam application writes SmarTeam data to database-managed tablespaces, you need to estimate the appropriate size of the tablespace to accommodate the SmarTeam data. If the size is underestimated, an error message appears and the copy operation fails.

As a first estimate of the data size, in the database creation process use the same size that the SmarTeam data occupies in the source database, whether in Oracle or MS SQL Server. You should leave enough space so that after copying the data there will be about 40% free space in the tablespace to allow for growth of the data.

Should the operation fail due to insufficient space, use any applicable DB2 utility, for example, DB2 Control Center, to increase the space of the target tablespace and repeat the operation.

Creating a New Smarteam Database Using the Data Model Designer

If you are creating a new SmarTeam database, connect to the SmarTeam Data Model Designer and create your database. For details, refer to the SmarTeam – Editor Administrator's Guide, Data Model Designer.

Converting an Existing Smarteam Database to DB2

To convert an existing database that resides on an MS SQL/MSDE server or Oracle server to DB2, use the following procedure:

1. Run the **SmartDBExplorer** utility and display both the database needed to convert to DB2 and the empty DB2 database.

Note: The SmartDBExplorer utility can be found on SmarTeam CD-ROM 1 in the Kits directory. For R17 and later, the SmartDBExplorer utility is located in a zip file in the SmarTeam – Editor.

2. Copy the database from one node to another by dragging and dropping the top tree item from the origin node to the destination node. Make sure that you select **not** to include indexes while copying the database (this option should be unchecked).
3. Run the **SmartDBRepairing.exe** utility to rebuild database indexes

IMPORTANT! Do **not** run **SmarTeam** before repairing the database.

Connecting SmarTeam to DB2

This section describes the two levels of connections required to connect SmarTeam to DB2:

- Connecting from a DB2 Client to the DB2 Server
- Connecting from a SmarTeam Client to the SmarTeam database inside the DB2 Server.

Setting Up a Connection from a DB2 Client

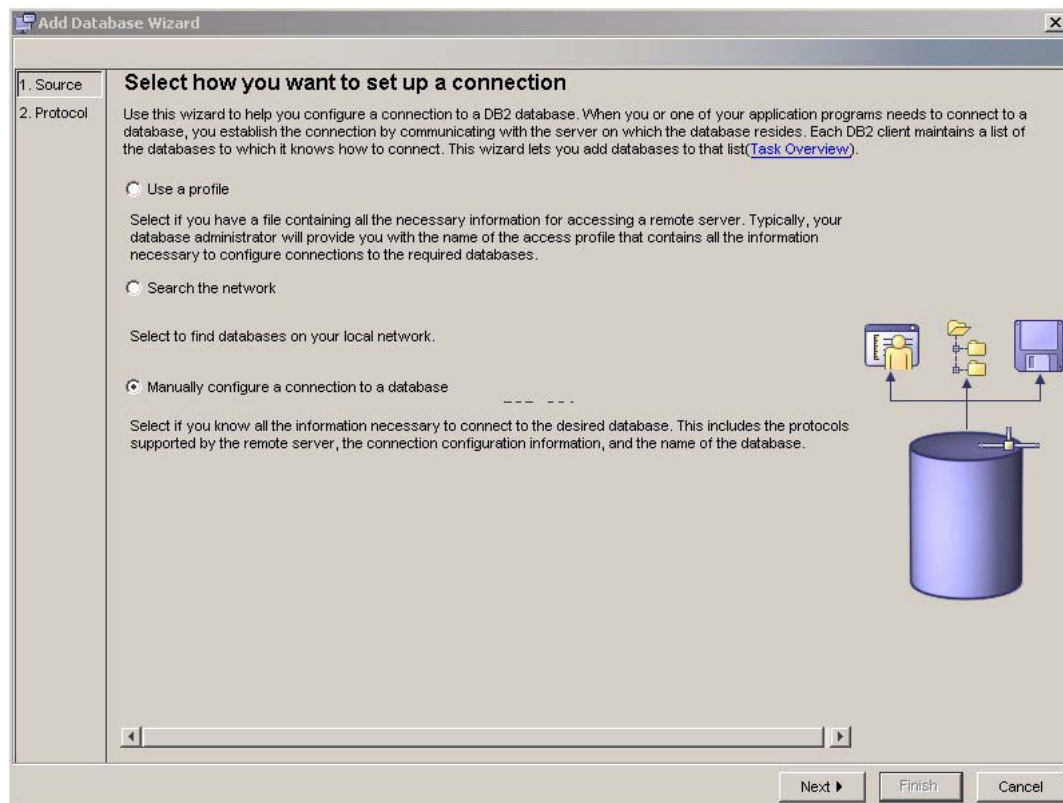
This section describes how to use the Client Configuration Assistant to set up a connection from a DB2 Client to the DB2 Server.

To launch the Client Configuration Assistant, perform the following procedure:

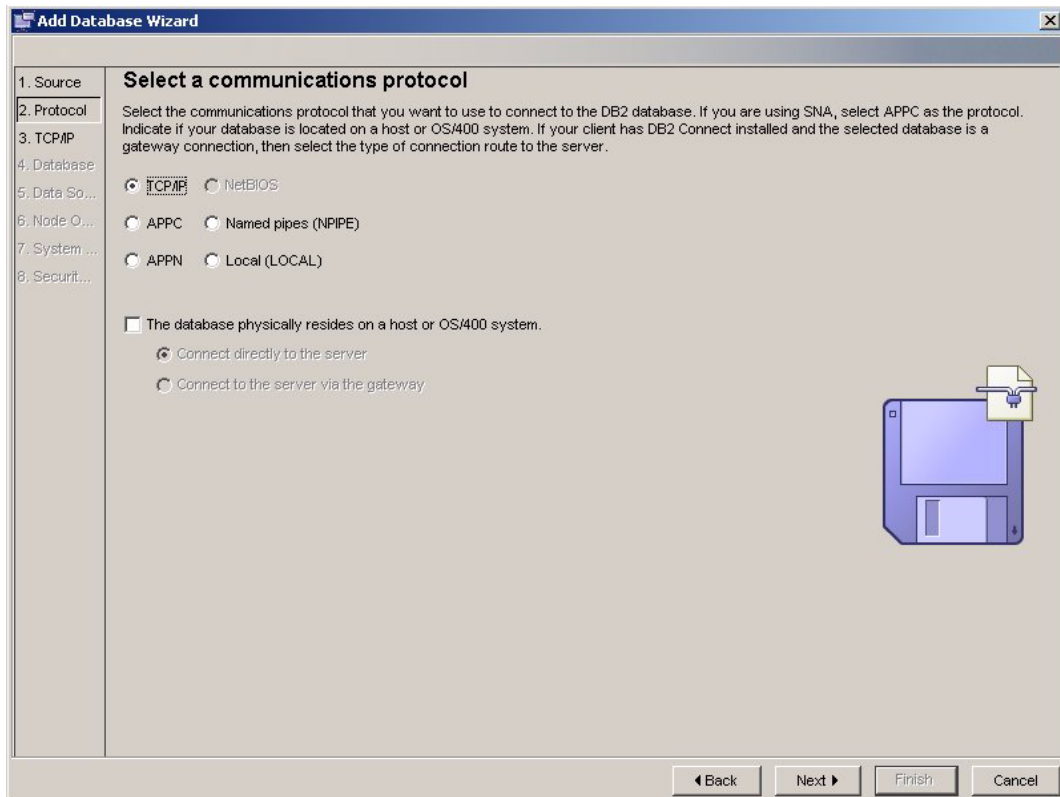
1. Select **Start, Programs, IBM DB2, Setup Tools, Configuration Assistant**.
2. From the Configuration Assistant window, click **Selected/Add Database using Wizard**.

To create a connection to the database, perform the following steps:

1. In the Add Database Wizard window, from the **Source** tab:
 - Select **Manually configure a connection to a database**
 - Click **Next**.

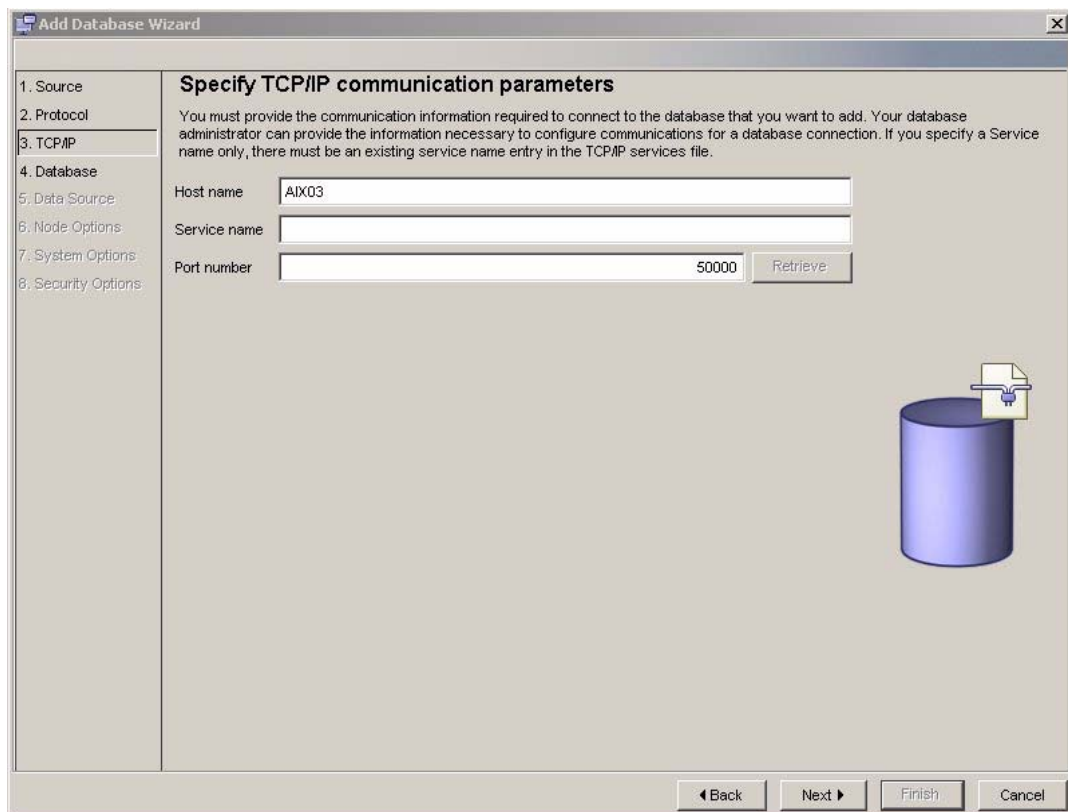


2. In the Protocol window:
 - Select **TCP/IP**
 - Click **Next**.



3. In the TCP/IP window:

- Enter the **Host name** and set the Port number to **50000** (Default)
- Click **Next**.



4. In the Database window:

- Enter the **Database name**
- Click **Next**.

Add Database Wizard

1. Source
2. Protocol
3. TCP/IP
4. Database
5. Data Source
6. Node Options
7. System Options
8. 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: SmDemo

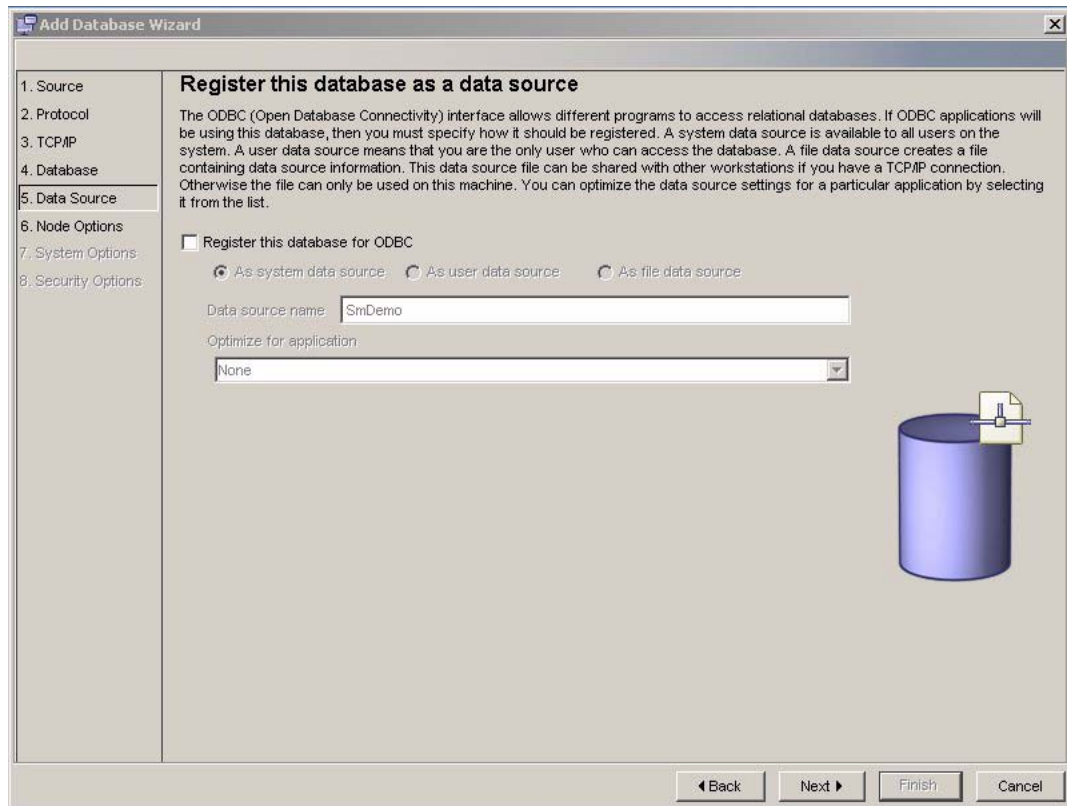
Database alias: SmDemo

Comment:

< Back Next > Finish Cancel

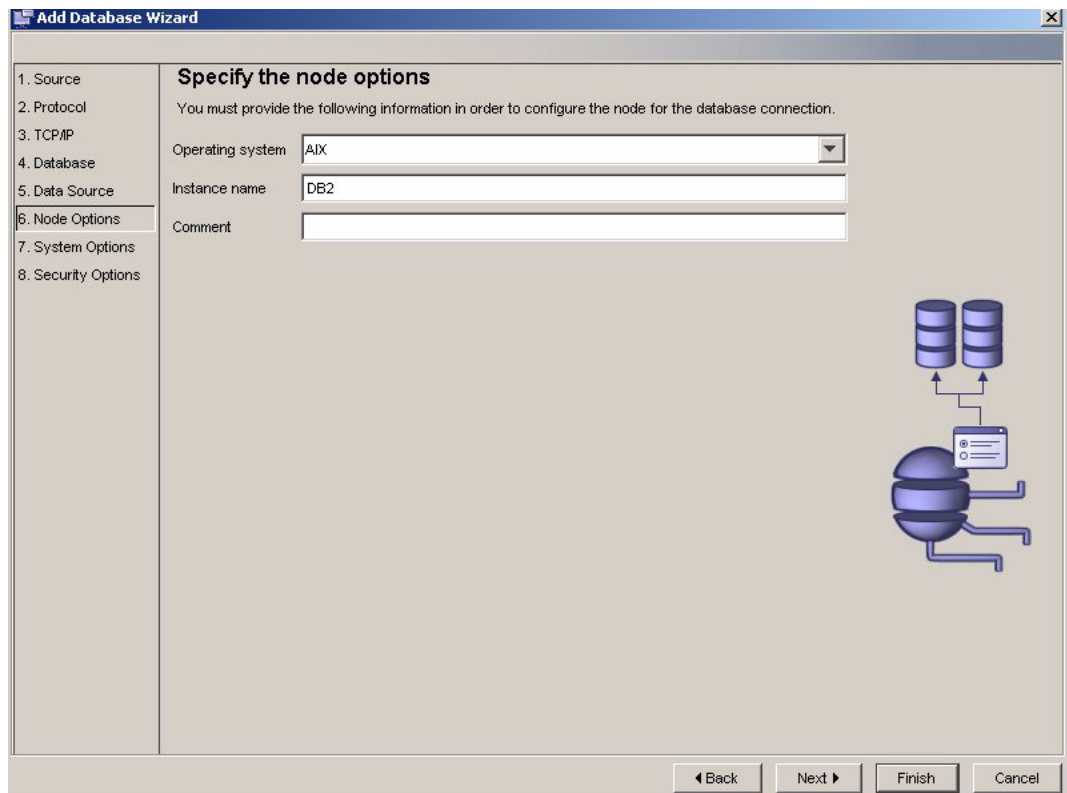
5. In the Register this Database window:

- Uncheck **Register this database for ODBC**
- Click **Next**.



6. In the Specify the Node Options window:

- Enter the **Operating system** and the **Instance name** in the appropriate areas
- Click **Next**.



7. In the Specify the System Options:

- Enter the **System name**, **Host name** and **Operating system**
- Click **Next**.

The screenshot shows the 'Add Database Wizard' window with the title bar 'Add Database Wizard'. On the left is a vertical list of steps: 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 text: 'You must provide the following information in order to configure the system for the database connection.' Below this text are four input fields: 'System name' with the value 'AIX03' and a 'Discover' button; 'Host name' with the value 'AIX03' and a 'View Details...' button; 'Operating system' with a dropdown menu showing 'AIX'; and a 'Comment' text box. In the bottom right corner of the main area is a small icon of a server tower. At the bottom of the window are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'.

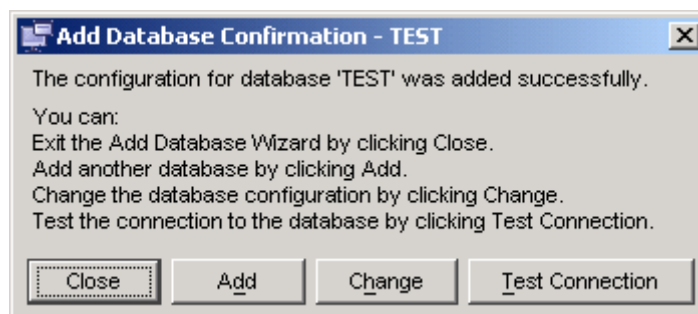
8. In the Specify the Security Options window:

- Select the **Use authentication value in server's DBM configuration** radio button
- Click **Finish**.



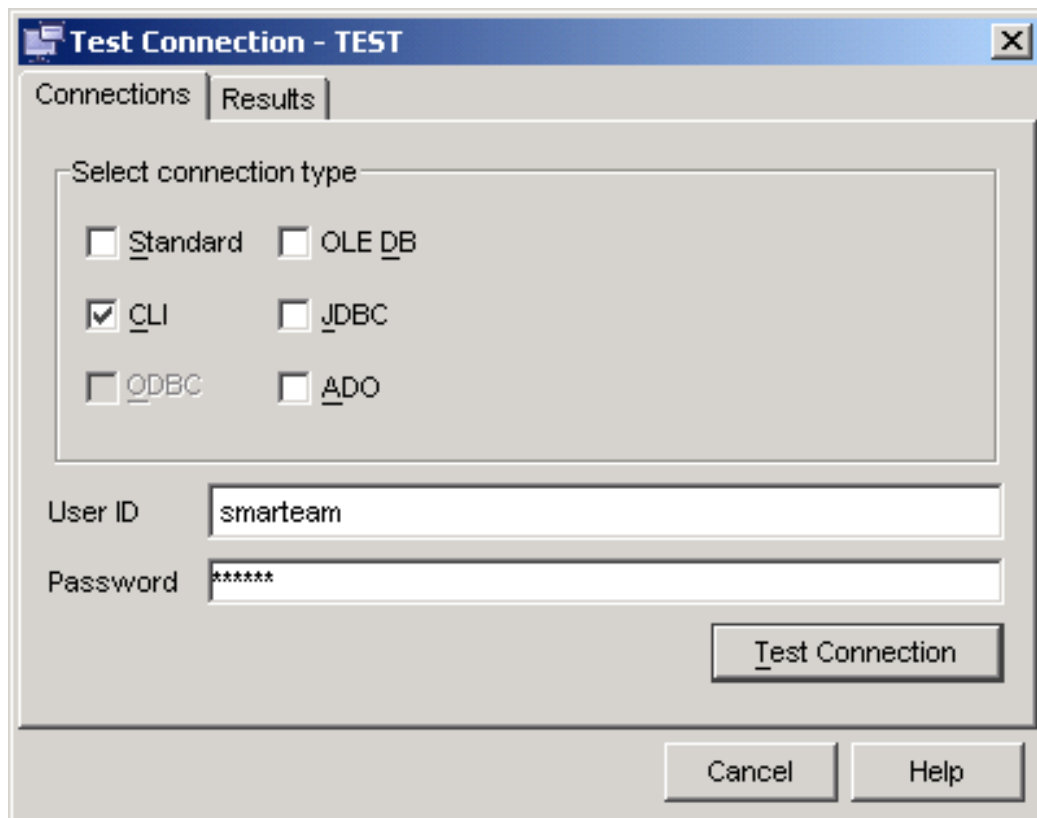
9. In the Confirmation window

- Click **Test Connection** to test the connection you created:
- Where USER ID= <username >, and Password= <password>.



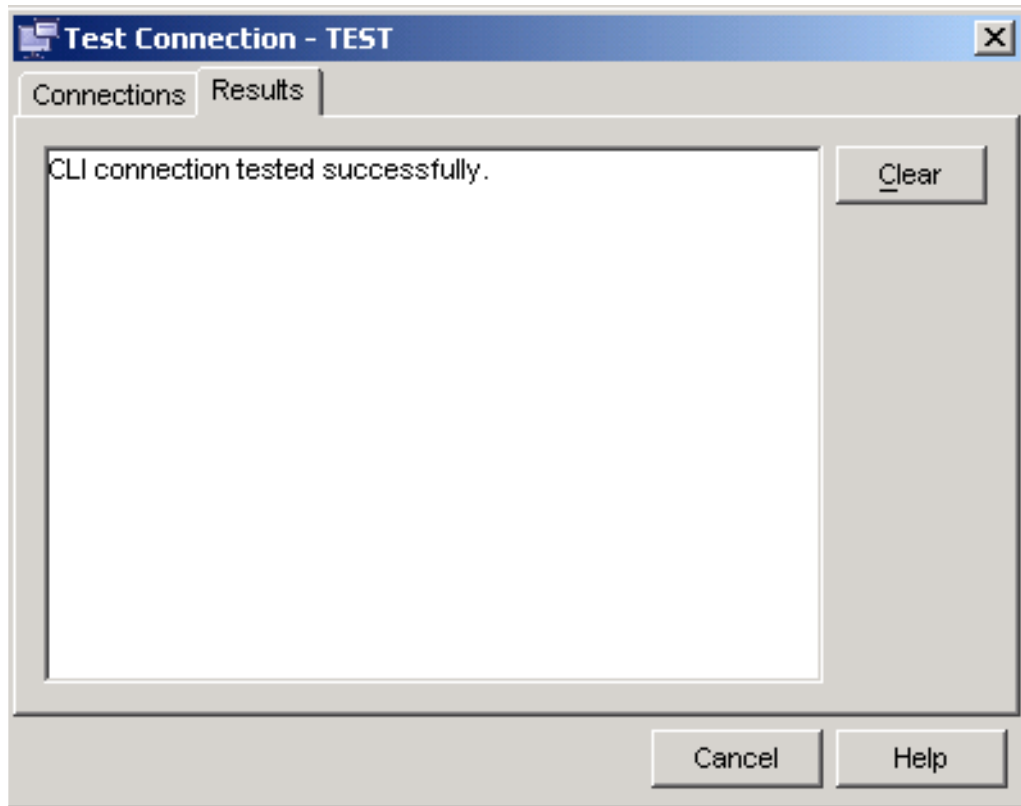
10. In the Connections tab

- Select **CLI**
- Enter the **User ID, Password**
- Click **Test Connection**.



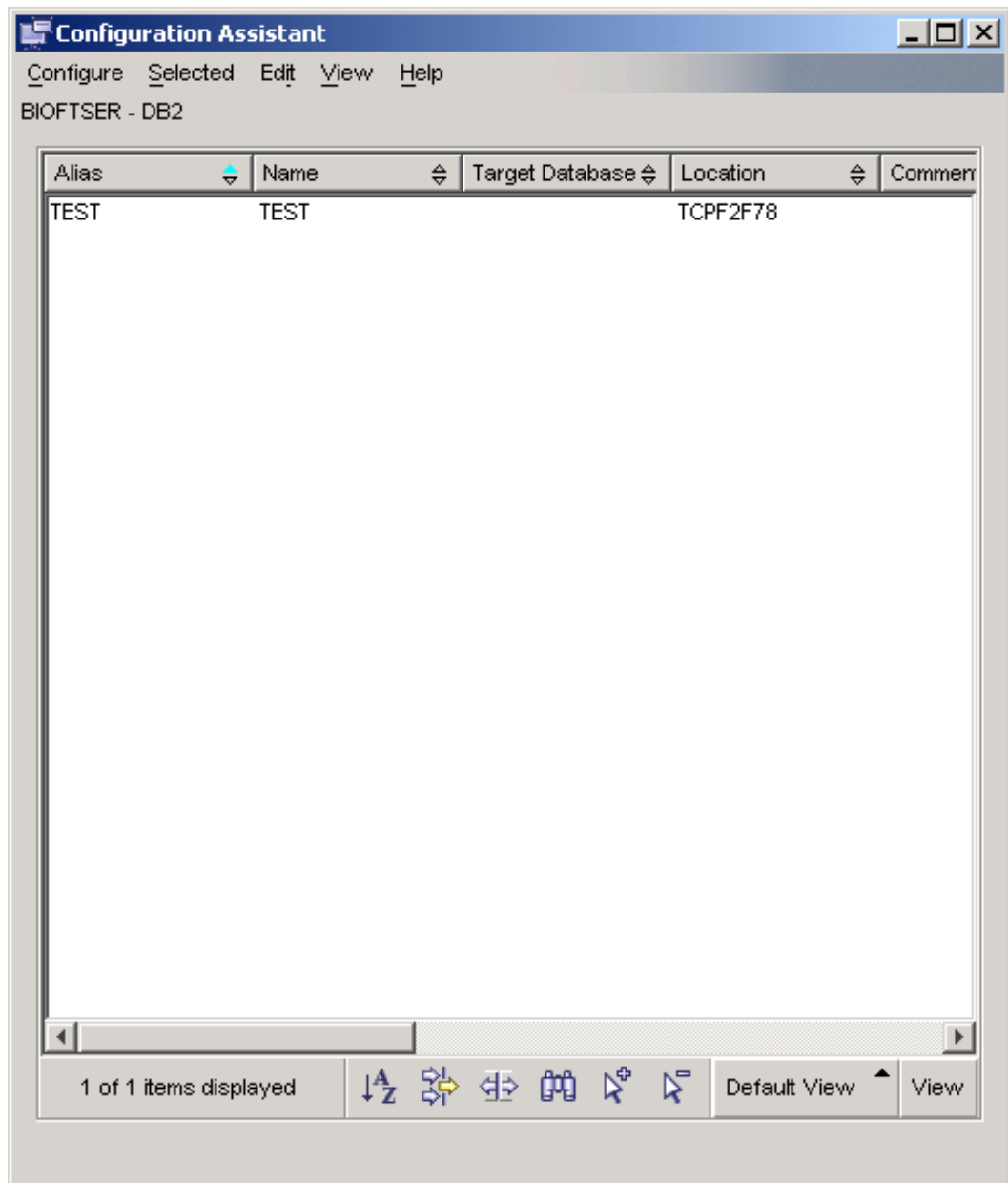
11. To check the results of the test connection,

- Select the **Results** tab.



12. After confirming the connection:

- Click **Clear**, close the Confirmation window and return to the Configuration Assistant window.



Setting Up a Connection from a Smarteam Client

To connect SmarTeam to a DB2 database, you need a SmarTeam alias for a DB2 database.

Note: For instructions on how to create a SmarTeam alias for a DB2 database, refer to the SmarTeam – Editor Administrator’s Guide.

Perform the following two-step procedure to connect the DB2 database via the alias you have created:

1. Hold the **Ctrl** key down on the keyboard and click **SmarTeam** to display the Available Databases window.
2. From the Available Databases window, select the alias you have created.

What Next?

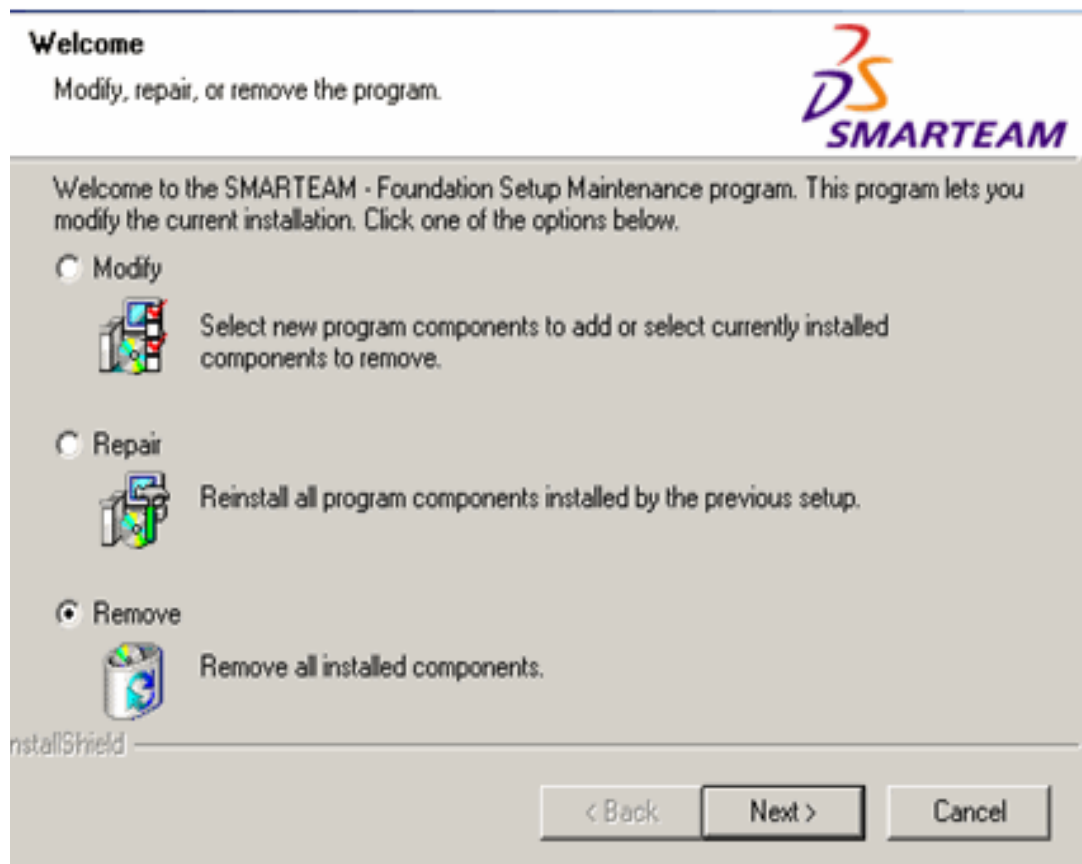
After you have installed SmarTeam DB2 Edition Client and performed all post installation tasks, SmarTeam DB2 is ready to work with SmarTeam – Editor.

Chapter 8: Troubleshooting

Modify/ Repair/ Remove

If you have SmarTeam installed on your machine, when you insert the original software, the Program Maintenance window appears. The following options are available:

- **Modify:** Enables you to install new components that were not installed during the installation process. For details see [Modify](#).
- **Repair:** Repairs installation errors in the program. This option fixes missing or corrupt files, shortcuts and registry entries. For details see [Modify](#).
- **Remove:** Removes SmarTeam – Editor from your computer. For details see [Remove](#).



Modify

If you need to modify the configuration of the current SmarTeam DB2 Edition installation on the machine, select **Modify** and the Select Components window appears, enabling you to change the components selection.

To repair an error using the Add or Remove Programs facility on your computer:

- 1 Select **Start, Settings, Control Panel, Add or Remove Programs**.
- 2 Select **SmarTeam DB2 Edition**.
- 3 Click "**Click here for support information**" link; the Support Info window appears.
- 4 Click **Repair** in order to repair the installation.

Remove

If required you can remove SmarTeam DB2 Edition from your computer. This can be done by using either the Release CD or the Add or Remove Programs facility on your computer.

To uninstall a Service Pack you need only to uninstall the Release. This will automatically remove the relevant Service Packs.

To uninstall using the Release CD:

- 1 Insert the SmarTeam DB2 Edition release CD. The Program Maintenance window is displayed.
- 2 Select **Remove**.
- 3 Click **Next**.

Follow the remaining the instructions on the CD.

To uninstall using the Add or Remove Programs facility on your computer:

- 1 Select **Start, Settings, Control Panel, Add or Remove Programs**.
- 2 Select **SmarTeam DB2 Edition**.
- 3 Click **Remove**.

Known Issues

For installation known issues, refer to the SmarTeam Support Web Site.

Frequently Asked Questions

For Frequently Asked Questions (FAQ) refer to the SmarTeam Support Web Site.