DDB/DDBSP 2006 – Installation Guide

Installation Requirements

Prerequisite for a successful installation are sufficient rights for the user. Under Windows XP and Windows 2000 the user has to be at least a member of the "Power User" group, but administrative rights are recommended. Under Windows 98 and ME there are no limitations.

It is **absolutely recommended** to uninstall any previous version of DDB/DDBSP before the installation of the current version. The uninstall will not affect private data.

DDB/DDBSP needs a running license server which has to be installed in a second installation step (see license server setup documentation).

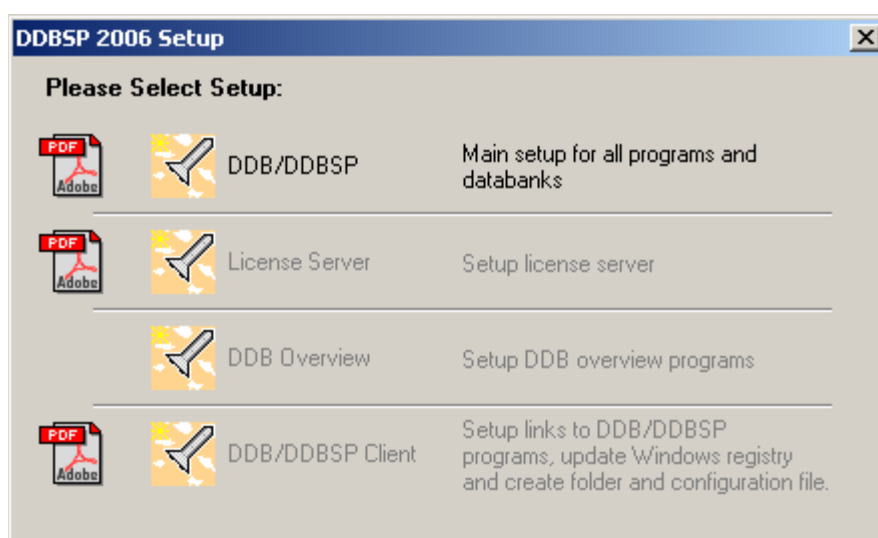## *Installation of DDB/DDBSP*

Figure 1

The setup of the DDB/DDBSP is started by the "DDBSP Setup" (see Figure 1), which is started automatically when the CD is inserted, and the Windows-Auto play-mode is enabled. If the Auto play-mode is disabled the main setup can be started by running the program "MainSetup.exe" in the root directory of the CD.

In **single-user** setups the last group '*DDB/DDBSP Client*' is not available. In the **Explorer Edition** the group '*DDB Overview*' is missing, too.

The installation description can be displayed via the PDF-Buttons.

The setup starts with the "Welcome" screen shown in Figure 2. The installation program displays a warning that all other programs should be shut down. The warning can be ignored only if no other DDB program is currently active. DDB programs should be shut down before continuing.
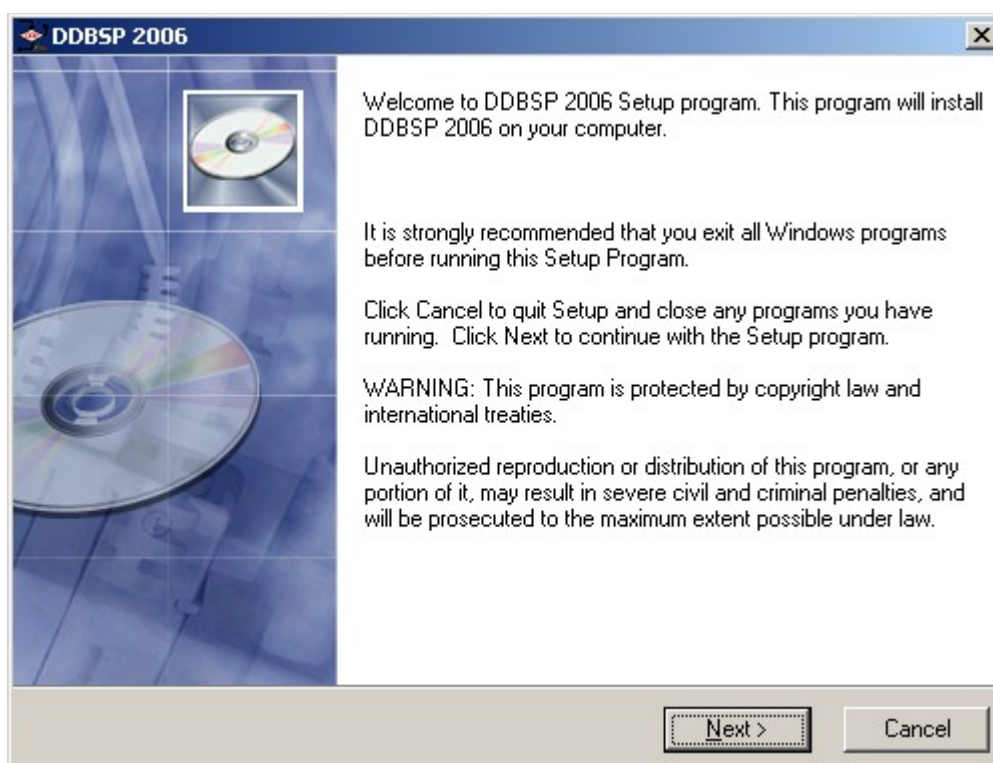
Figure 2

The next step in the setup process is the display of a license agreement (see Figure 3).

Figure 3

1. Read the agreement carefully and accept the license agreement by clicking the radio button as shown in Figure 5.
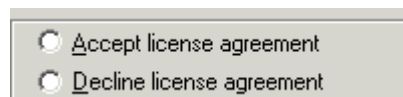

Figure 4

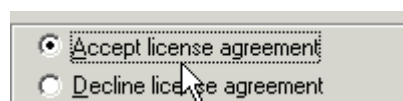2. Click the now enabled "Next" button to proceed with the next step of the installation.

Figure 5

It is also possible to copy the text to the Windows clipboard by

1. clicking in the text area,

2. pressing Control-A to select the entire text and

3. pressing Control-C to copy the marked text to clipboard.

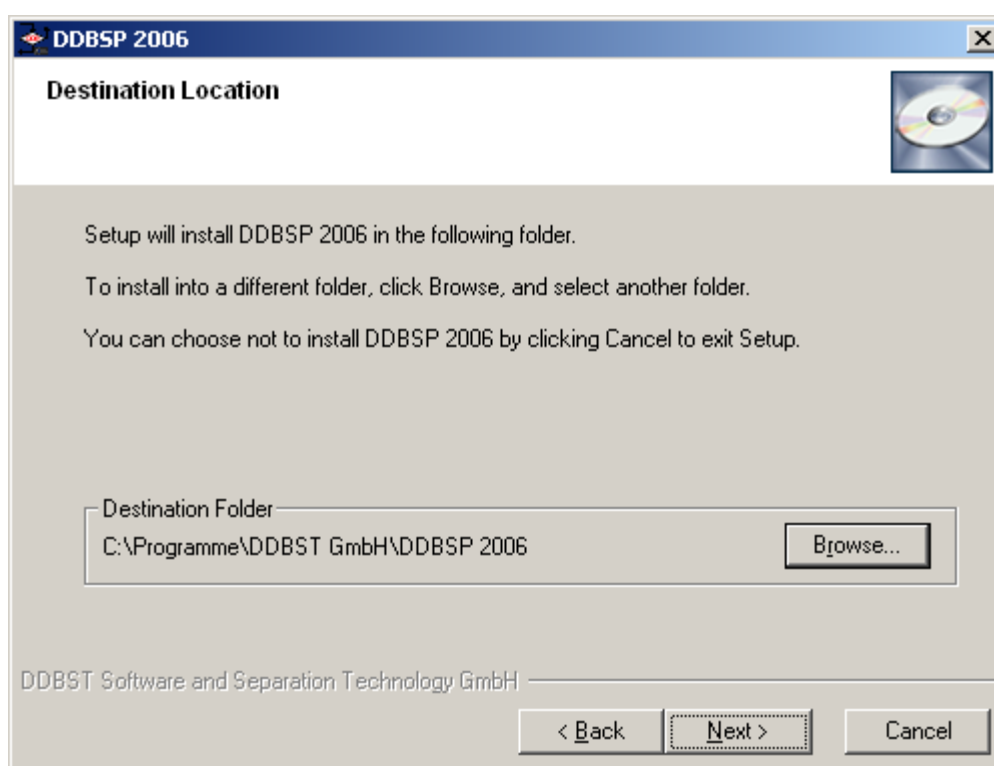The next dialog (Figure 6) asks for the programs folder.

Figure 6

The setup now displays the "DDB Configuration" dialog (Figure 7).

The dialog is used to specify the path to the folder where the public DDB files will be installed and the paths to the private DDB and the DDB specific clipboard folder. Non-existing directories will be created. The clipboard folder must be writable for all DDSP users.

In the **Explorer Edition** only the clipboard folder can be selected, the public and private DDB folders are located as subfolders of the programs folder. Also the option "*Write File C:\DDB.CFG*" is missing.
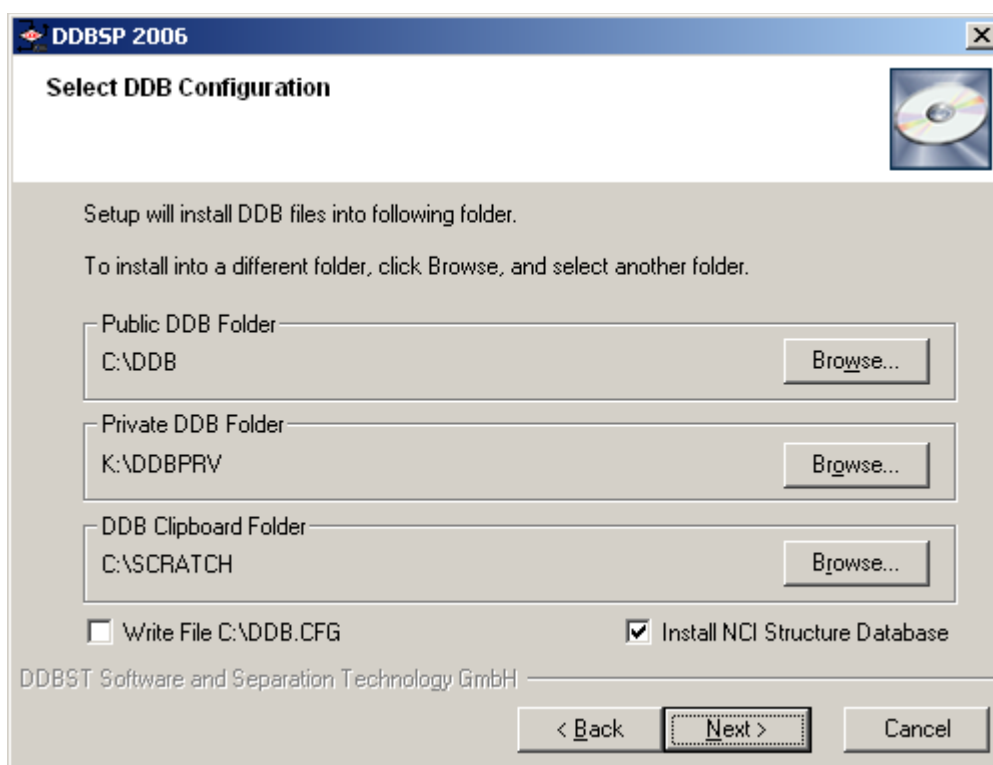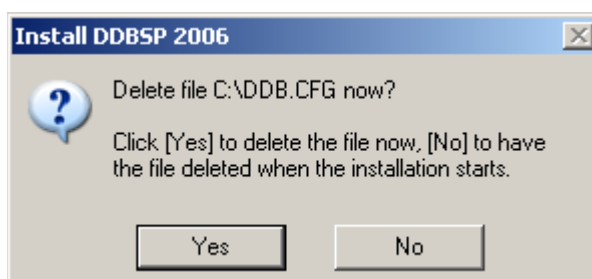
Figure 7

All three folders must be different. Otherwise a message like shown in Figure 8 will be displayed. The installation can not be continued until the folders are different.

Figure 8

If there's an older DDB installation already on the same machine the setup will re-use the existing path to the private DDB folder. Otherwise folders on the system drive are shown initially.

It is now possible to abandon the outdated DDB configuration file DDB.CFG. If the option "*Write File C:\DDB.CFG*" is not checked the DDB configuration will only be stored in the Windows registry. If the configuration file exists the user is asked if the file shall be deleted immediately (see Figure 9). This is the last possibility to make a backup copy of the configuration file, because the configuration file will be deleted automatically later in the installation process, anyway.

Figure 9

If Artist is part of the setup the optional NCI structure database can be installed. If the option is not activated, the database file "NCIStructures.ddb" can be copied to the DDB folder manually later. The file is located in the "MainSetup\Additional" folder on the CD. The structure database is omitted in the **Teaching Editions** and the **Explorer Edition**.

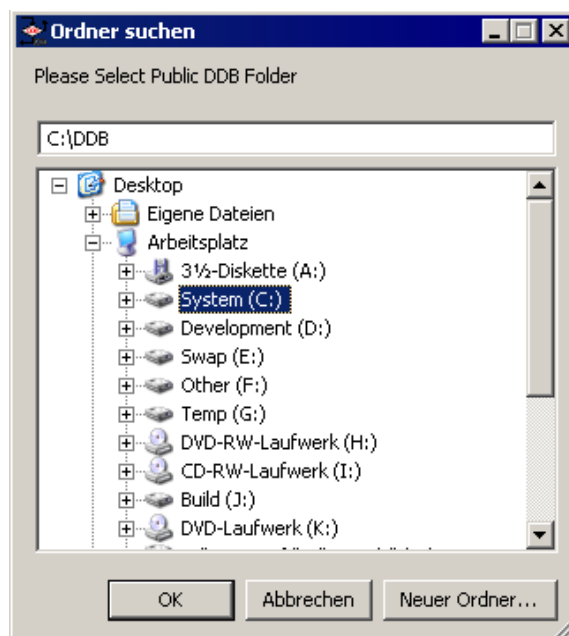The folders can be changed by selecting the 'Browse' buttons (folder selection see Figure 10).

Figure 10

If the selected folder already exists the files in that folder would be overwritten. Therefore the setup will ask for confirmation (Figure 11).
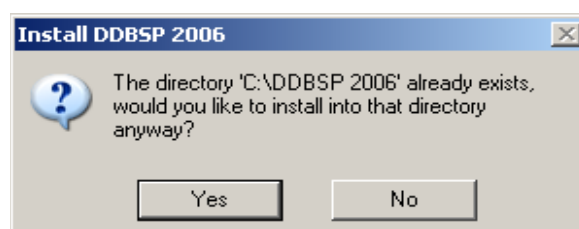

Figure 11

If it's not a **single-user** setup the "Select License Server" dialog (see Figure 12) will come up next.
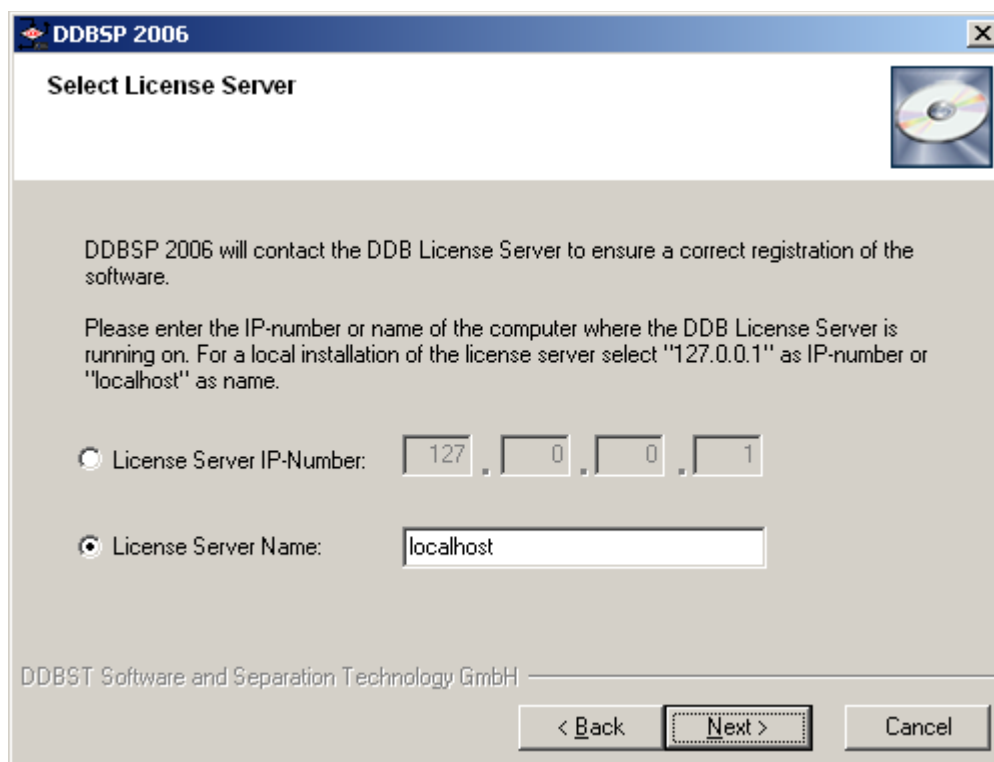

Figure 12

The location of the license server can be specified either by specifying the name or the IP address of the machine where the license server has been installed. The IP (Internet Protocol) number is essentially a four byte number where the single bytes are values from 0 to 255. Please ask your network supervisor for the name or IP address of the license server machine. If the license server is installed on the same machine either "127.0.0.1" as server IP address or "localhost" as server name has to be used.

Please note that currently the setup does not check if the server name of IP address is valid and points to an existing machine. If the specification is incorrect the DDBSP programs won't work. But it is not necessary to install the programs a second time since the license server IP address can be modified later on by the DDB Configuration program. Use the tab "License Server IP Address" to review and change the license server location (see Figure 13). The program is located in the program manager group's subfolder "Additional".
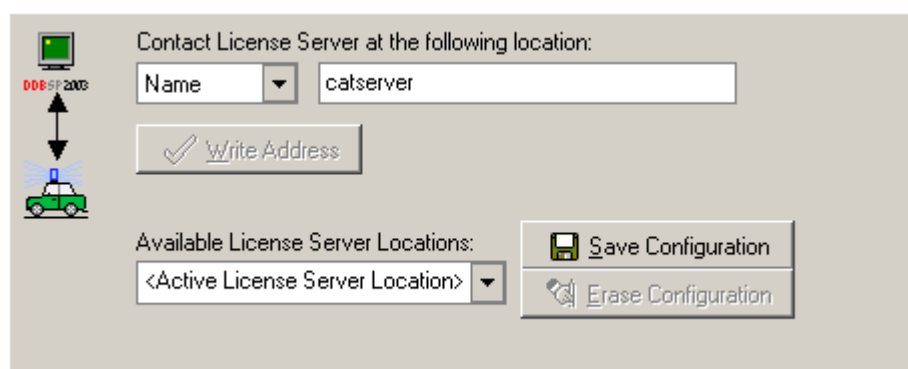

Figure 13

The next question (see Figure 14) is whether a backup of overwritten files is wanted.
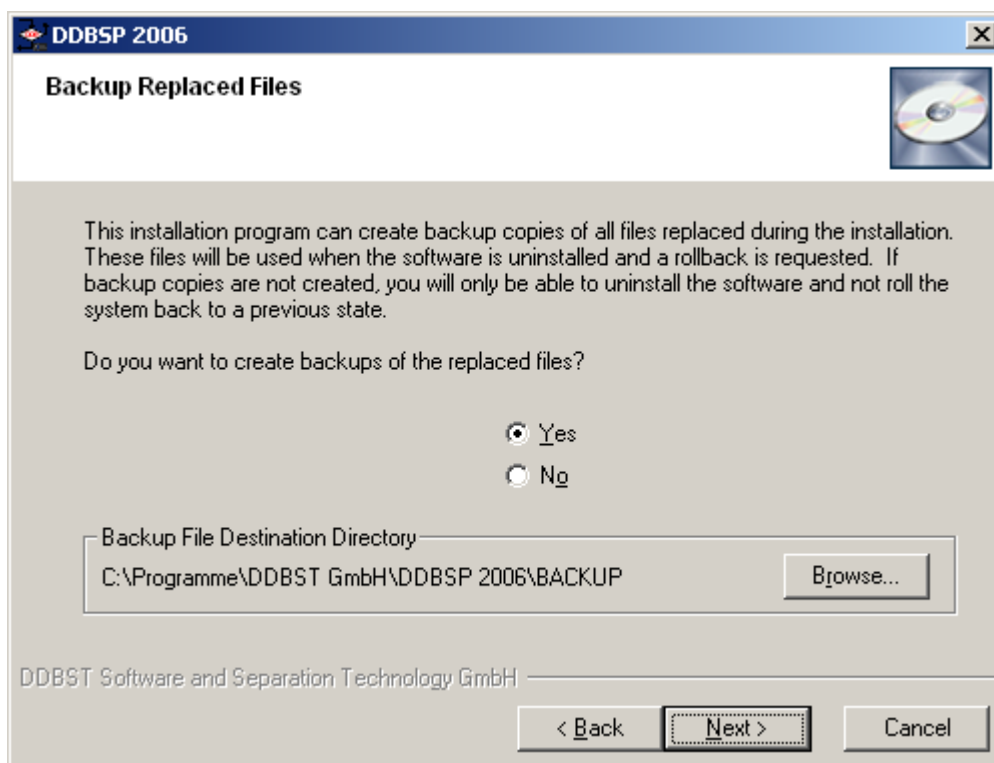

Figure 14

If the answer is "*Yes*" it is possible to select a folder for the backup files. The standard directory is a subfolder of the programs folder.

The backup allows restoring the files that will be replaced by the current setup when the new programs are uninstalled and it allows an immediate recovery of the previously used programs when the current setup fails.

The next dialog (see Figure 15) allows selecting a name for the program group that will be displayed in the Windows start menu.
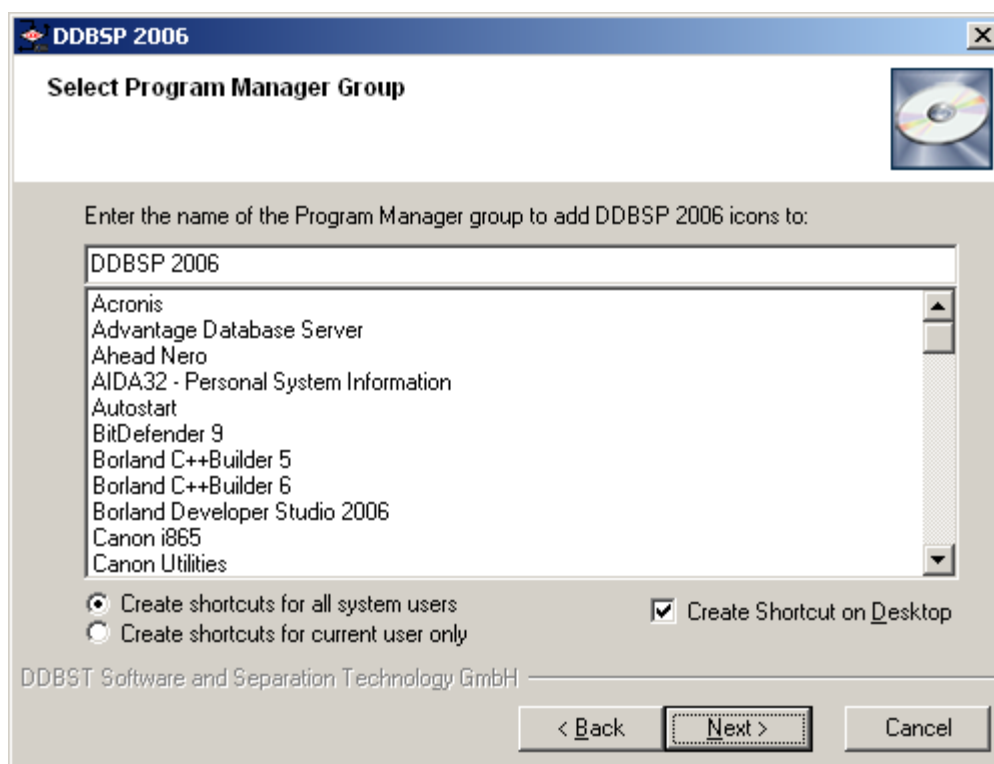

Figure 15

The "Create shortcuts for..." selection is only available within Windows 2000/XP since only these operating systems have a usable user management.

The option "*Create shortcuts for all systems users*" allows placing the program group in the "All users" branch of the Start menu, which will make the installed programs visible for all users working on the computer. The "*Create shortcuts for current user only*" will place the program group in the "Current user" branch and makes it visible only for the currently logged-in user.

The "Create Shortcut on Desktop" option allows placing a shortcut (a 'link') to the program folder on the desktop.

The next dialog (Figure 16) displays all important options that have been selected during the setup process and should be read at least once in order to be sure not to have made a major mistake.
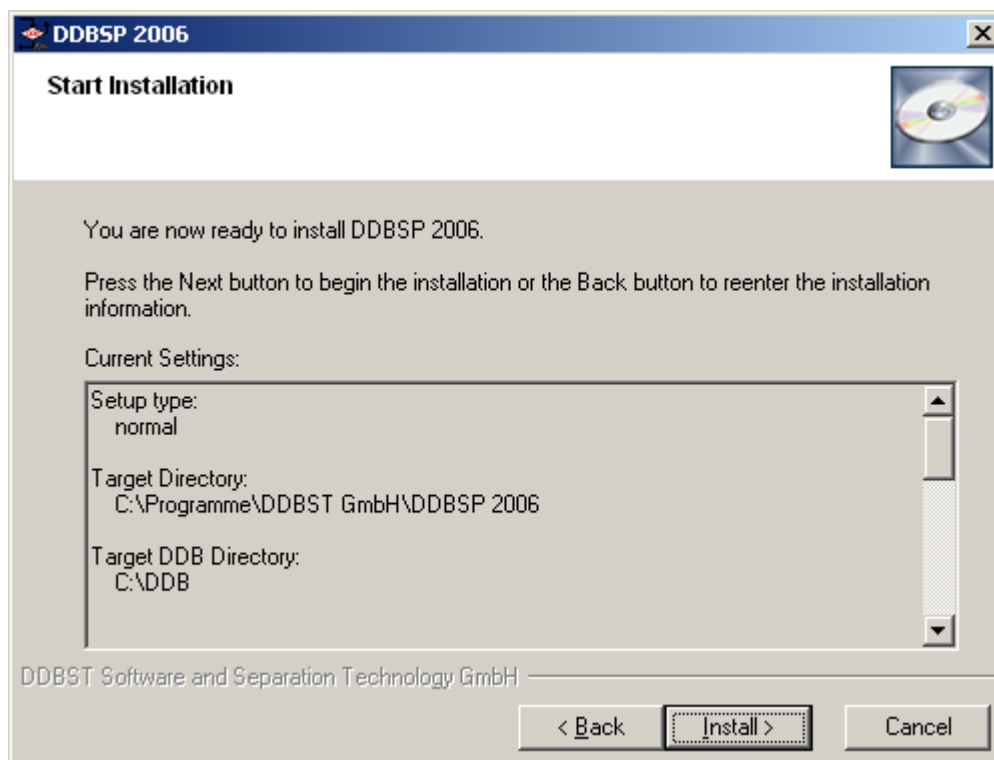

Figure 16

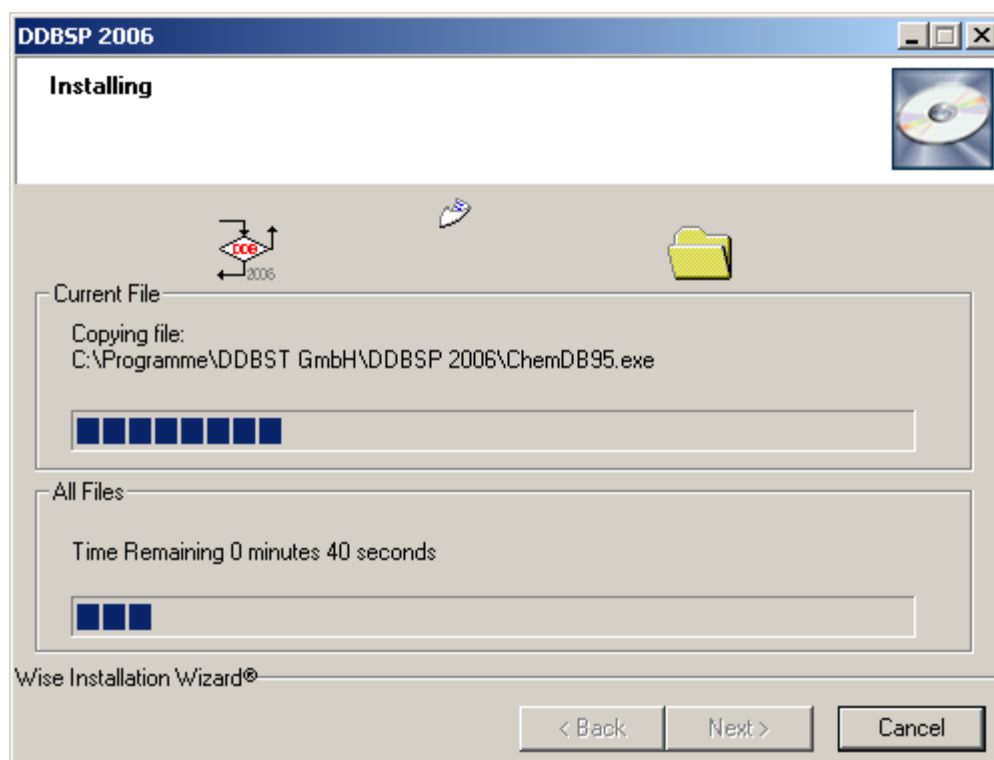The "Install" button now starts the installation process as shown in Figure 17.

Figure 17

After installing all the programs and database files Windows has to be made familiar with the DDB programs (see Figure 18).
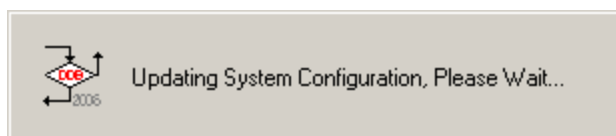
Figure 18

During this process which can take several minutes the single programs and their components are registered in Windows.

The last dialog of the setup allows setting some options.

Figure 19

If the option *Display Program Manager Group* is activated the program group will be displayed immediately after finishing the setup.

The option *Start DDBSP JumpStart now* runs the DDBSPJumpStart program immediately.

The option *View Changes for this Version (PDF)* has to be activated to see the changes and progress for the current version.

DDB/DDBSP 2006 – Silent Installation

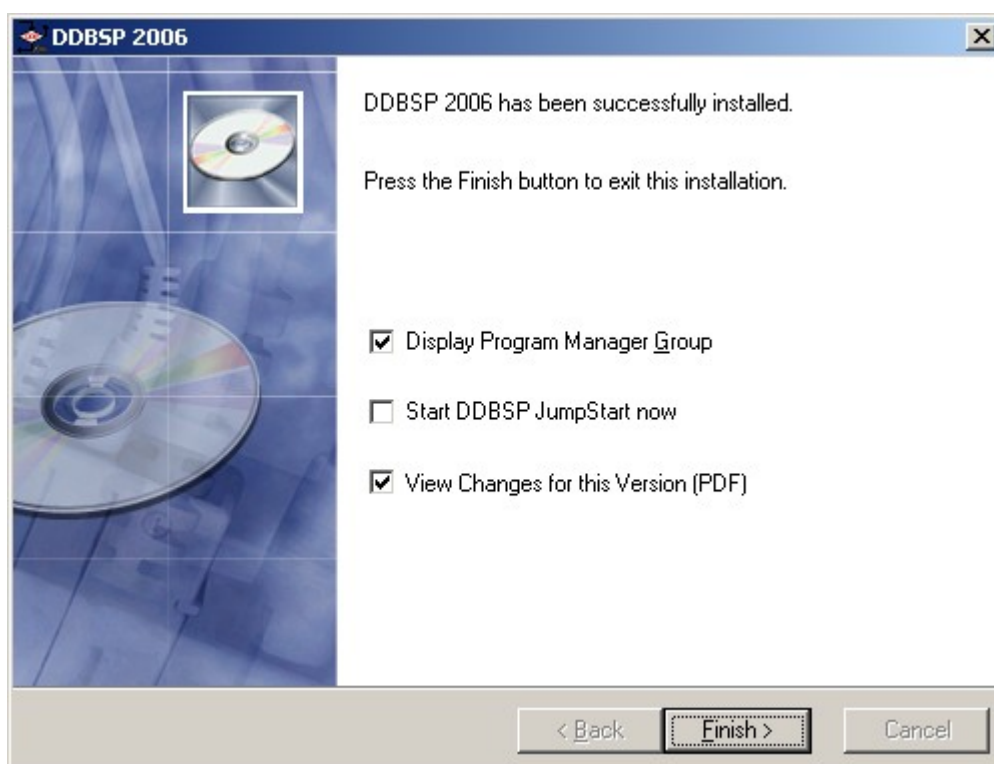This section refers mainly to system administrators who want to automate the install and uninstall procedure of DDB/DDBSP. Please contact DDBST GmbH (weinert@ddbst.de or support@ddbst.de) for suggestions and remarks on this procedure.

Silent Install

For an automated installation some settings can be specified in a text file which contains statement lines in format <key>=<value>.

The following keys are supported:

- DDBPTH
  This is the installation folder for the public DDB files. The default value is "C:\DDB\".

- DDBPRV
  This is the folder for private DDB files. A user must have write access to this folder in order to enter private experimental or component data. The default value is read in from existing settings, otherwise "C:\DDBPRV\" is used.

- DDBSCR
  This is the folder for temporary files. A user must have write access to this folder. The default value is read in from existing settings, otherwise "C:\SCRATCH\" is used.

- DOINSTALLNCI
  If Artist is part of the program package an additional structure database is located in the folder "MainSetup\additional" on the CD. The installation is optional because the file size is about 225 MB. Set "DOINSTALLNCI=A" to have the database installed. The default value is "A".

- MAINDIR
  This is the name of the target folder for the program files. The folder is located as subfolder of %ProgramFiles%. The default value is "DDBST GmbH\DDPSP 2006".

- GROUP
  This is the name of the DDBSP program group. The default value is "DDBSP 2006".

- ASP_CONFIDENT
  The contents of this variable is written as comment on top of each Aspen-INP file created by DDBSP. To get multi-line text the occurrence of "\r" will be handled as line break. The default value is empty.

- ASP_PURE
  This variable contains the Aspen PURE databases which are used in Aspen-INP export. The entries have to be separated by semicolon. The default value is "PURE10;INORGANIC;AQUEOUS".

- LS_IPADDRESS
  LS_NAME
  The license server location can either be specified by its IP number or by its name (e.g. DNS-name). The default value is read in from current settings, otherwise LS_IPADDRESS is "127.0.0.1" (for local machine) and LS_NAME is empty.

- LAUNCH_PMG
  Set this variable to "A" to start the explorer with the DDBSP program group after the

installation. **The explorer will be started with user rights of the setup program**. The default value is empty.

- LAUNCH_DDBJMP
  Set this variable to "A" to start the *DDBSP Jump Start* after the installation. **The program will be started with user rights of the setup program**. The default value is empty.

The text file containing the installation settings is specified using the command line parameter "/M", furthermore "/S" has to be specified for the silent installation:

<div align="center">

`Setup.exe /S /M=<config_file>`

</div>

Example:

DDB/DDBSP is installed with

- public and private database folder and temporary folder as subfolder of "C:\DDBSP"

- default installation folder for the program files and default program group

- not installing NCI structure database

- local license server

- multi-line Aspen-INP header and Aspen PURE databases PURE10, INORGANIC and AQUEOUS

- not starting explorer or *DDBSP Jump Start* after the installation

Contents of text file *config_main.txt*:

```
DDBPTH=C:\DDBSP\DDB\
DDBPRV=C:\DDBSP\PRIVATE\
DDBSCR=C:\DDBSP\SCRATCH\
DOINSTALLNCI=
LS_NAME=localhost
ASP_CONFIDENT=Note: This file contains\rConfidential Information.
ASP_PURE=PURE10;INORGANIC;AQUEOUS
```

Please note that ASP_CONFIDENT must be specified within one single line.

The silent installation is started using the following program call:

<div align="center">

`Setup.exe /S /M=".\config_main.txt"`

</div>

During the installation a little DDBST symbol is displayed in the tray bar. Error messages are written into a file called *error.txt* in the installation folder.

Silent Uninstall

DDB/DDBSP 2006 can be silently removed using the following program call:

`"<INSTFOLDER>\uninst.exe" /S -apptitle "DDBSP 2006"`

Example:

DDB/DDBSP 2006 has been installed in the folder

<div align="center">

`"C:\Program Files\DDBST GmbH\DDBSP 2006"`

</div>

To silently remove the software call

`"C:\Program Files\DDBST GmbH\DDBSP 2006\uninst.exe" /S -apptitle "DDBSP 2006"`