DDB 2022 Installation Guide



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1 Installation Requirements

To install the DDB software administrative rights are required. On *Terminal Server* editions the setup has to be started from the "add/remove programs" dialog of the control panel.

The DDB software needs a valid license to run. The license can reside on the local computer (single-user license) or can be served by a license server (concurrent license). The installation of a license is described in the *DDB RLM License Configuration* documentation.

An officially supported Microsoft Windows version at release time is required.

2 Installation

2.1 Welcome

The setup starts with the Welcome screen shown in Figure 1. Click on the Next button to proceed.

DDB 2022 (64-bit) Setup	×
Welcome	DDB
Welcome to the DDB 2022 (64-bit) Setup Wizard.	
The Setup Wizard will install DDB 2022 (64-bit) on your computer. Click "Next" to continue or "Cancel" to exit the Setup Wizard.	
DDBST - Dortmund Data Bank Software & Separation Technology GmbH	Cancel

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2.2 End-User License Agreement

The next step in the setup process is the display of the end-user license agreement (see Figure 2).

DDB 2022 (64-bit) Setup	×
End-User License Agreement Please read the following license agreement carefully	DB
License Agreement This document contains important information, rights, obligations, restrictions and warranty disclaimers that apply to the software to be installed. Please read this agreement carefully before accepting the license agreement. By installing the software you accept the conditions herein	*
\bigcirc I <u>a</u> ccept the terms in the License Agreement	
$\textcircled{\mbox{\scriptsize o}}$ I $\underline{d}o$ not accept the terms in the License Agreement	
DDBST - Dortmund Data Bank Software & Separation Technology GmbH	
< Back Next > Can	.ei

Figure 2

Read the agreement carefully and accept the license agreement by clicking the radio button as shown in Figure 3. The radio buttons will be enabled if the end of the text is visible.



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

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

- 1. clicking in the text area,
- 2. pressing CTRL-A to select the entire text and
- 3. pressing *CTRL-C* to copy the marked text to the clipboard.

2.3 GDPR Privacy Notice for EU Residents

Now the setup asks if you are a resident of a European country (see Figure 4).



If you confirm that you are a resident of a European country, the setup displays the dialog shown in Figure 5.

DDB 2022 (64-bit) Setup ×
Personal Information Notice for European Country (GDPR Country) Residents Please read the information below carefully
EU GDPR Privacy Notice for EU Residents ^
Effective Date: 11/01/2020
DDBST - Dortmund Data Bank Software & Separation Technology GmbH ("DDBST GmbH") respects your concerns about privacy. This Privacy Notice applies to the personal information we collect through the programs <i>RLM Client Configuration</i> and <i>RLM Server</i> <i>Configuration</i> (License Management System, "LMS").
In this Privacy Notice, we describe
DDBST - Dortmund Data Bank Software & Separation Technology GmbH
< Back Next > Cancel
Figure 5

Figure 5

Read the agreement carefully before continuing with the setup.

In the next dialog you can choose the setup type (see Figure 6). If you choose *Typical* then only the license server can be configured before the installation process starts. If you choose *Custom* then all dialogs described in the following sections will be displayed.



2.5 Installation Folder

008 DDB 2022 (64-bit) Setup			×
Select Installation Folder This is the folder where DDB 2022 (64-bit) will be installed.		D	DB
To install in this folder, dick "Next". To install to a different folder, en "Browse". Folder:	iter it be	elow or clic	k
C:\Program Files\DDBST GmbH\DDB2022\		Browse	
DDBST - Dortmund Data Bank Software & Separation Technology GmbH —			
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Figure 7

The next dialog (Figure 7) asks for the destination folder of the application files.

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2.6 DDB Configuration

The setup now displays the DDB Configuration dialog (Figure 8). In some editions the dialog is missing.

DDB 2022 (64-bit) Setup	×
Select DDB Configuration	DDB
To install the DDB files in this folder, click "Next". To install to a differe below or click "Browse". Public DDB Folder:	nt folder, enter it
C:\ProgramData\DDBST GmbH\DDB2022\DDB\	Browse
Private DDB Folder:	
C:\ProgramData\DDBST GmbH\DDB2022\DDBPRV\	Browse
DDB Clipboard Folder: Default (TEMP folder) V	
DDDST - Destroyed Data Rack Software & Separation Technology Codel	
Back Next >	Cancel
Figure 8	

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 folders can be changed by changing the contents of the edit fields or by selecting the *Browse* buttons.

For the clipboard folder the default setting is to use the Windows TEMP folder (which may be user specific). To select a different folder switch from *Default* to *Custom* and change the folder settings (see Figure 9).

DDB Clipboard Folder: Custom 🗸	
C:\Users\ \AppData\Local\Temp\	Browse
Figure 9	

The clipboard folder must be writable for all DDB users.

The default locations for the public and private DDB folder are DDB version specific sub-folders of the global application data folder.

All three folders must be different, otherwise the software will show unexpected behavior.

The Select License Server dialog (see Figure 10) will come up next.

DDB 2022 (64-bit) Setup	×
Select License Server Select the license server location for DDB 2022 (64-bit)	DDB
DDB 2022 (64-bit) will contact the DDB RLM License Server to ensure a correct registration of the software. Please enter the name or the IP-number of the computer where the License Server is running on. For a local installation leave all fields empty. Leave the port field empty t use the default port 5053. IF YOU ARE NOT SURE WHAT TO PUT IN HERE, PLEASE LEAVE THE FIELDS EMPTY A CONTINUE TO THE NEXT STEP.	s o ND
License Server Name or IP:	
License Server Port:	
DDBST - Dortmund Data Bank Software & Separation Technology GmbH	
< Back Next > Ca	ncel
Figure 10	

For users of a **single-user** license all entries should be left empty. For users of a **concurrent** license the location of the license server has be specified either by specifying the name or the IP address (IPv4) of the machine where the license server has been installed. The IP address 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.

If you want to use the default port (5053) for the communication between application and license server then leave the field *License Server Port* empty.

Please note that the setup does not check if the server name or IP address is valid and points to an existing machine. In addition, it is not checked if client and server use the same port. If any of the specification is incorrect, the DDB software won't work. The license server specification can be modified after the installation by the *DDB RLM Client Configuration* program. Use the page *Licenses* to review and change the license server location or manage local licenses. The program is located in *Additional* folder of the DDB start menu folder.

In some editions of DDB the Select License Server dialog is missing.

2.8 Configure Shortcuts

The *Configure Shortcuts* dialog (see Figure 11) allows the user to place a shortcut to the DDB start menu folder on the desktop.

DDB 2022 (64-bit) Setup			×
Configure Shortcuts Create application shortcuts			DDB
Create shortcuts for DDB 2022 (64-bit) in th	e following locat	ions:	
🗹 Desktop			
		- /	
DDBST - Dortmund Data Bank Software & Separat	on Technology	GmbH	Cancel
Figure 11			

2.9 File Associations

In the *Select File Associations* dialog (see Figure 12) the user can select which file types should be associated with DDB. Depending on the packages included in the setup not all file types may be active.

	B 2022 (64-bit) S	Setup		×
Selec Sel	ct File Associat ect the extension	ions ns you want asso	ciated with DDB 2022 (64-bit)	DDB
Ple	ase select the file	e types you want	to automatically open with DDB 2	022 (64-bit):
	.ctc	🗹 .qr	⊠ .stl	
	.d2p	🗹 .qrx		
	🗹 .ink	.rvc		
	.mol	🗹 .rvi		
	<mark>∕ .</mark> psf	.rvo		
DDBST -	Dortmund Data B	ank Software & S	Separation Technology GmbH	Cancel

Figure 12

In the Ready to Install dialog (see Figure 13) click on the Install button to start the installation.

DDB 2022 (64-bit) Setup	×
Ready to Install The Setup Wizard is ready to begin the DDB 2022 (64-bit) installation	DDB
Click "Install" to begin the installation. If you want to review or change any of your installation settings, dick "Back". Click "Cancel" to exit the wizard.	
DDBST - Dortmund Data Bank Software & Separation Technology GmbH	incel

Figure 13

Depending on the system settings the *User Account Control* (UAC) will ask for permission to proceed with the installation (running elevated).

Now the files will be installed and the system will be configured (see Figure 14). This can take several minutes.

DDB 2022 (64-bit) Setup	×
Installing (DB 2022 (64-bit)	DDB
Please w several r	ait while the Setup Wizard installs DDB 2022 (64-bit). This may take ninutes.	
Status:	Extracting files from archive	
DDBST - Dortmun	d Data Bank Software & Separation Technology GmbH	
	< Back Next >	Cancel
Figure 14		

2.11 Installation Completed

DDB 2022 (64-bit) Setup	×
Completed	DDB
The DDB 2022 (64-bit) Setup Wizard has been completed.	
Click the "Finish" button to exit the Setup Wizard.	
View release notes (PDF)	
Launch RLM Client Configuration	
DDBST - Dortmund Data Bank Software & Separation Technology GmbH	
< Back Finish	Cancel

The last dialog of the setup allows the user to set some options (see Figure 15).

Figure 15

The option *View release notes (PDF)* has to be activated to see the release notes for the current version.

The option Launch RLM Client Configuration runs the DDB RLM Client Configuration program which can be used to request and install licenses. If a license server was specified (see 2.7) then the option is missing.

DDB 2022 – Silent Installation 3

This section refers mainly to system administrators who want to automate the install procedure of DDB.

The DDB setup is based on MSI. The EXE bootstrapper supports all *msiexec* command-line options.

3.1 Silent Install

For an automated installation some properties can be specified in the command line.

The following properties are supported:

LICENSE_AGREED •

For passive installations set the value to "1". Otherwise, the installation will fail.

DDBPTH

This is the installation folder for the public DDB files. The default value is the sub-folder "DDBST GmbH\DDB2022\DDB\" of the global application data folder.

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 the sub-folder "DDBST GmbH\DDB2022\DDBPRV\" of the global application data folder.

DDBSCR •

> This is the folder for temporary files. A user must have write access to this folder. If the value is empty % TEMP% is used. The default value is empty.

• APPDIR

DDB

This is the complete path to the target folder for the program files. The default value is "%ProgramFiles%\DDBST GmbH\DDB2022".

• CREATE_DESKTOP_SH

Set the value to "0" to *not* create a shortcut to the start menu folder on the desktop. The default is to create a shortcut on the desktop.

• ASP_CONFIDENT

The contents of this variable is written as comment on top of each Aspen-INP file created by DDB. 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 "PURE;INORGANIC;AQUEOUS".

• DEMO_PRV_TEXT

The contents of this variable will be displayed in the data set text output of private data sets that do not contain any data point. The default value is empty.

• RLM_SERVER

This variable holds the license server location. It can either be specified by the IP address (IPv4) or by the name of the server computer. The default value is empty.

• RLM_PORT

This variable can be used to specify the port for the communication between client and license server. The default value is empty.

VIEWREADME

Set this variable to "1" to *select* the option to display the release notes in the *Completed* dialog.

Example

DDB is installed with

- public and private database folder and temporary folder as sub-folder of "C:\DDB"
- default installation folder for the program files, create shortcuts to the start menu folder on the desktop
- use "myserver" as license server on port 34521
- a multi-line Aspen-INP header and the Aspen PURE databases PURE39, INORGANIC and AQUEOUS

The silent installation is started using the following program call:

```
DDB2022-x64.exe /passive LICENSE_AGREED="1" DDBPTH="C:\DDB\DDB\"
DDBPRV="C:\DDB\PRIVATE\" DDBSCR="C:\DDB\SCRATCH\"
RLM_SERVER="myserver" RLM_PORT="34521"
ASP_CONFIDENT="Note: This file contains\rConfidential Information."
ASP_PURE="PURE39;INORGANIC;AQUEOUS"
```