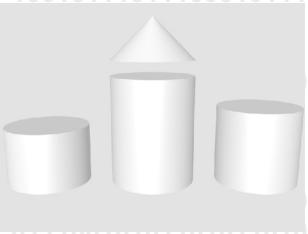


ODABA 9

Installation Guide

run Software-Werkstatt GmbH
Köpenicker Strasse 325
12555 Berlin
www.run-software.com
Tel: +49 (30) 65762791
Fax: +49 (30) 65762791
e-mail: run@run-software.com

Berlin, October 2003

Content

Introduction

You may install ODABA2 on Windows (Me, 2000, XP), on LINUX or on SUN Solaris platforms. This manual differs between Windows and UNIX platforms.

The basic installation includes the ODABA2 database kernel and ODABA2 database management and database service tools.

You may also install special Client Server components (e.g. one or more services for running an ODABA Server automatically). Those features are not part of the installation and are described in the “Database Utilities” manual.

Installing ODABA2 on Windows

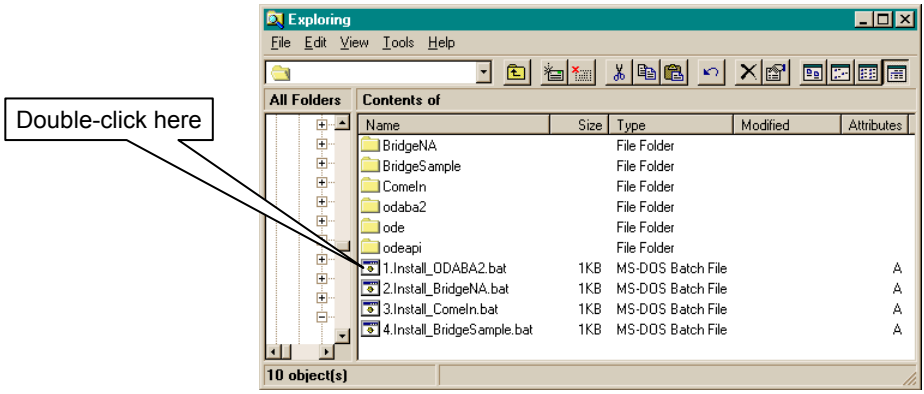
ODABA 2 can be installed on a Microsoft operating system (Windows 95/98/ME, 2000, XP). Depending on the installation type ODABA2 requires about 50 MB space on hard disk.

Installation Procedure

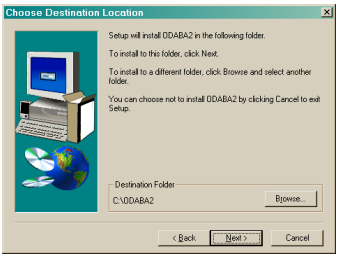
For Installing ODABA2 on a local machine or on a server follow the subsequent instructions:

[Insert the Installation-CD in the CD ROM drive].

1. Open the installation folder on the CD (e.g. ODABA2v90) or in the download folder and check the “readme.txt”, if there is any.
2. Double-click the Batch file-icon:
3. Install_ODABA2.bat

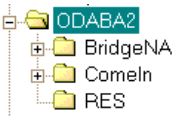


Changing installation path



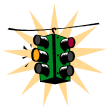
When running the installation you are asked to enter the installation path. The default is C:\ODABA2. You can change the folder location without any problem. Some sample applications, however, (as the WEB application) do expect the ODABA installation in the default folder. Hence, we suggest always using the default folder.

When changing the path name keep in mind that all ODABA2 applications are assumed to be installed under a common ODABA2 directory, which contains the global ODABA2 resources for all ODABA2 applications.



The ODABA2 folder contains all runtime resources for the ODABA2 database engine. Below the ODABA2 folder applications (as Bridge) and tools (as ComeIn) might be installed later.

When re-installing ODABA2 you need not to unistall it before, unless there is an explicit note in the readme.txt, which is shipped with the installation.



When re-installing ODABA2 you might get a “An error occurred during move data process –115”. This error occurs when you are installing while one or more ODABA2 applications are still running. Close all ODABA applications and start the installation again.

Uninstall

For uninstalling ODABA2 activate the Control Panel via the Start menu “Start/Settings/Control Panel”. Double-click the **Add/Remove Programs** icon. Then select Bridge from the list of installed components and use the **Add/Remove...** button to uninstall Bridge. When uninstalling Bridge^{NA} all applications should be closed.

Technical Actions

Most of the project files are stored in the ODABA2 installation folder or below. There are, however, some aktions that update the WINDOWS system.

Windows

Registry: In the registry under HKEY_LOCAL_MACHINE \SOFTWARE a key “run Software-Werkstatt GmbH” is created. Installation information is stored under this key.

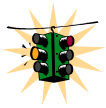
Registered DLLs: The following DLLs are registered after installation:

Atl.dll
ODABA2.dll

Those libraries are required fir using the ODABA COM Interface.

Installing ODABA2 on UNIX

Installing ODABA2 on a UNIX platform is possible on source or binary base. There is a binary installation for SPARC stations running Solaris 9 and LINUX. When using another UNIX environment you need to recompile the sources before.



The installation will overwrite you Server.ini file, which you might have changed for running an ODABA server. If you are running an older installation and you made changes on the Server.ini file this will get lost during installation since the installation is generating a new Server.ini file. Save your updated version before re-installing ODABA or Bridge^{NA} again.

Binary Installation

The file ODABA9xx.tar.gz contains the binaries that are necessary to install an ODABA2 server on a Solaris8/UltraSPARC platform.

For installing the following steps must be performed:

1. Unpack the installation file
2. Run "install" from the unpack directory
   install --prefix=(*home*)/ODABA2

prefix defines the installation directory. For more help run “install –help”.

After successfull installation you can delete the unpack directory. Now your server is ready for starting up.

Source installation

The installation file (ODABA-V9.xx.tar.gz" contains the source files there are necessary to create an ODABA2 server on a UNIX platform.

The installation expects one of the following **shells: bash**, **ksh** or **sh.**

For installing the following steps must be performed:

1. Unpack the installation file.
2. Run configure from the unpack directory:
   configure --prefix=$HOME/ODABA2
   For more help run: configure –help
3. Run compile from the unpack directory
4. Run install from the unpack directory to copy the libraries and executables to the
   .../lib and .../bin directory in the installation directory.

After successful compilation you can delete the unpack directory.

Running the Server

The server can connect to several databases (applications). The databases for different applications are defined in the file catalogue. This and other information is defined in the Server.ini file. The Server.ini file has been created during the installation and contains valid references to the installed databases (system, resource and sample database).

For more details see “Database Utilities – ODABA Server”.

Getting started

For running an ODABA2 database you need to define a data model (and a functional model). The data model can be defined as ODL script, which is not very comfortable.

It is easier to run appropriate ODABA developer tools. For running those tools, you must define your project(s). This is supported by a command line tool, which you will find on your installation folder.

… ODABA2/SetupProject.exe

Just double-click the executable and you are prompted to enter your project parameters.

odaba path [c:/odaba2/] :

When you have installed ODABA in the default location c:/odaba2, just press ENTER to continue. Otherwise enter the installation path and press enter then.

project name :

Enter a name for the project to be created and press enter.

project path [c:/odaba2/projects/NewProj] :

The default path for the project is the project folder in the installation path. You may change the path and use any other location. The directory will be created when not yet existing.

copy environment [Y]ES/[N]O [NO] :

You may create your own run-time environment by copying the ODABA system to your project folder. Usuually, you will not do this and press ENTER. Otherwise you must enter Y (or YES).

use klasseditor [Y]ES/[N]O [YES] :

The Class Editor is the tool, which is used to define the data and the functional model. Usually, you will need the Class Editor at least for defining the data model. In this case just press enter. Otherwise enter NO.

use designer [Y]ES/[N]O [YES] :

The designer is the tool, which is used to build GUI applications based on the object model. You may, however, use any other tool for doing this, using e.g. MS Visual Studio tools accessing the database via the COM interface. When you are going to use the designer, press enter, otherwise enter NO.

Starting the tools

After the project has been initialized, you will find one or two .cmd files in the project folder. With those files, you may run the Class Editor (klasseditor.cmd) and the designer (designer.cmd).

The project resource database is created automatically, when running one of the tools the first time. More details about using the tools you will find in the development documentations folder.