software AG

Adabas Vista

Adabas Vista for Open Systems Installation

Version 8.1.1

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This document applies to Adabas Vista Version 8.1.1.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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This document describes how to install Adabas Vista for Open Systems.

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2 Configuration File

Adabas Vista and the other Adabas add-on products use an Adabas file known as the Configuration File for storing configuration information.

Each add-on product supplies a Natural application that is used to maintain the product's configuration information in the Configuration File. Usually these applications are only installed and accessible by the DBA.

In most environments there will be a single Configuration File that is maintained centrally by the DBA. All machines running Adabas Vista will be configured to use the same Configuration File.

If you have not already set up a Configuration File you should do so before installing Adabas Vista.

Adabas Versions

There are problems with the use of the FDT HF option in some versions of Adabas 5.1. If you are using Adabas 5.1, you must use 5.1.4.2 or later.

Configuration File FDT

The FDT for the Configuration File should be defined as follows:

```
1, KK, 32, B, DE, NU, HF
1, DG, PE
2, DD, 64, B, NU, HF
```

For information on administering Adabas, please refer to the Adabas documentation.

3 Installation on Unix

Prerequisites

- Adabas, Natural and Entire Net-Work
- Adabas System Coordinator
- Configuration File
- SYSAVI

Adabas, Natural and Entire Net-Work

If you use Adabas, Entire Net-Work or Natural, these products should be installed and configured before installing Adabas Vista.

Adabas System Coordinator

Adabas System Coordinator must be installed before installing Adabas Vista. Adabas System Coordinator is included with Adabas Vista and will be installed or upgraded automatically by the Adabas Vista installation.

See the Adabas System Coordinator documentation for further details.

Configuration File

The Configuration File for the Adabas add-on products should be set up before installing Adabas Vista. Check that the machine on which you are installing Adabas Vista can access the Configuration File.

SYSAVI

The Adabas Vista configuration information in the Configuration File is managed using the Natural application SYSAVI. Only users that will manage the Configuration File need to install SYSAVI.

If you need to install Natural in order to use SYSAVI, this should be carried out before installing Adabas Vista.

Before You Start

The installation instructions make the following assumptions:

- Adabas System Coordinator is being installed from CD-ROM
- The CD-ROM is mounted on /dev/cdrom
- The user account used to administer Software AG products is sag.
- The SAG installation directory is /opt/softwareag

Running the Installation

To start the installation of Adabas Vista:

- Login as user sag.
- Run sh /dev/cdrom/setup.ux

The installer will now start and guide you through the installation process. You will be asked for some information as the installation progresses.

Software AG Installation Directory

You will be prompted to enter the path to the Software AG installation directory.

Adabas Visa License File

You will be prompted for the Adabas Vista license file. This file can be found on the root of the installation CD-ROM or (if you have already installed Adabas Vista previously) the/opt/software-ag/common/LKey directory.

Adabas System Coordinator

The installer will check that you have Adabas System Coordinator installed and that is the correct version. If it is not installed or is not the correct version, the Adabas System Coordinator installation will be invoked.

See the Adabas System Coordinator documentation for further details.

After Installation

- User and Group
- Environment Script
- Library Search Path

User and Group

When the installation has completed, check that the /opt/softwareag/avi directory structure has been created and make sure that all files are owned by the user sag and have the group ID sag.

Environment Script

The installation will create an environment settings file sagenv.new. Review the contents of this file and check that the Adabas Vista environment is sourced after the Adabas System Coordinator environmemt.

Rename the sagenv.new file to sagenv and ensure that it is sourced from the .profile of each user who will use this environment.

Library Search Path

Source the sagenv script and check that the environment variable that controls the library load path ($LD_LIBRARY_PATH, $LIBPATH or $SHLIB_PATH depending upon the platform) is set so that the Adabas System Coordinator lib subdirectory appears before the directory in which the standard Adabas or Entire Net-Work ADALNKX is located.

Installing SYSAVI

The INPL file for installing SYSAVI can be found in the sysavi subdirectory on the Adabas Vista installation media.

For detailed information about using Natural, please refer to the Natural documentation. The user interface and the INPL utility are described in the Using Natural and Tools and Utilities sections respectively.

- Set Work File 4
- Install SYSAVI
- Configure LFILE 152

- Verify SYSAVI Installation

Set Work File 4

The INPL utility uses Work File 4 as the Report File. Some versions of Natural do not set a default $WRKF4 during installation, so you must do so before installing SYSAVI.

- Run natparm
- Select Natural Execution Configuration from the Edit menu
- Select Work Files
- Check that Work File 4 is set appropriately.

Install SYSAVI

The INPL utility is run from the Natural development environment.

- Start natural.
- Run the direct command INPL.
- Choose Function Code B.
- Choose File Type P.
- Type /dev/cdrom/sysavi/sysavi.sag in the Load File field.
- Press enter to install.

Configure LFILE 152

SYSAVI uses the Natural `LFILE` parameter to determine the database and file number of the Adabas Vista Configuration File. After installing the INPL you must configure the `LFILE` setting for file 152.

- Run natparm.
- Select Database Management System from the Edit menu.
- Select Administrator DBMS Assignment
- Select Administrator Logical Files.
- Set LFILE 152 to the database and file number of the Configuration File.
- Save the settings by selecting Save from the File menu.
- Exit natparm.

Verify SYSAVI Installation

Verify the installation by performing the following actions:

- Run natural
- Logon to library SYSAVI

Run program MENU and the SYSAVI Main Menu will appear.

4 Installation on Windows

Prerequisites

- Adabas, Natural and Entire Net-Work
- Adabas System Coordinator
- Configuration File
- SYSAVI

Adabas, Natural and Entire Net-Work

If you use Adabas, Entire Net-Work or Natural, these products should be installed and configured before installing Adabas Vista.

Adabas System Coordinator

Adabas System Coordinator must be installed before installing Adabas Vista. Adabas System Coordinator is included with Adabas Vista and will be installed or upgraded automatically by the Adabas Vista installation.

See the Adabas System Coordinator documentation for further details.

Configuration File

The Configuration File for the Adabas add-on products should be set up before installing Adabas Vista. Check that the machine on which you are installing Adabas Vista can access the Configuration File.

SYSAVI

The Adabas Vista configuration information in the Configuration File is managed using the Natural application SYSAVI. Only users that will manage the Configuration File need to install SYSAVI.

If you need to install Natural in order to use SYSAVI, this should be carried out before installing Adabas Vista.

Before You Start

The installation instructions make the following assumptions:

- Adabas Vista is being installed from CD-ROM
- The CD-ROM is in drive D:\
- The SAG installation directory is C:\Program Files\Software AG

Running the Installation

To start the installation of Adabas Vista:

- Run D:\setup.exe

The installer will now start and guide you through the installation process. You will be asked for some information as the installation progresses.

Software AG Installation Directory

You will be prompted to enter the path to the Software AG installation directory.

Adabas Visa License File

You will be prompted for the Adabas Vista license file. This file can be found on the root of the installation CD-ROM or (if you have already installed Adabas Vista previously) the C:\Program Files\Common Files\Software AG\LKey directory.

Adabas System Coordinator

The installer will check that you have Adabas System Coordinator installed and that is the correct version. If it is not installed or is not the correct version, the Adabas System Coordinator installation will be invoked.

See the Adabas System Coordinator documentation for further details.

After Installation

- Library Search Path

Library Search Path

Check that the %PATH% environment variable is set so that the Adabas System Coordinator lib subdirectory appears before the directory in which the standard Adabas or Entire Net-Work ADALNKX is located.

Installing SYSAVI

The INPL file for installing SYSAVI can be found in the sysavi subdirectory on the Adabas Vista installation media.

For detailed information about using Natural, please refer to the Natural documentation. The user interface and the INPL utility are described in the Using Natural and Tools and Utilities sections respectively.

- Configure LFILE 152
- Install SYSAVI
- Verify SYSAVI Installation

Configure LFILE 152

SYSAVI uses the Natural `LFILE` parameter to determine the database and file number of the Adabas Vista Configuration File. After installing the INPL you must configure the `LFILE` setting for file 152.

- Run the Natural Configuration Utility.

- Select Natural Parameter Files.

- Select NATPARM

- Select Database Management

- Select Administrator DBMS Assignment.

- Set LFILE 152 to the database and file number of the Configuration File.

- Save the settings by selecting Save from the File menu.

- Exit the Natural Configuration Utility.

Install SYSAVI

The INPL utility is run from the Natural development environment.

- Start natural.
- Run the command INPL.
- Set the Load File Type selection Portable.
- Set the Report File name to %TEMP%\sysavi.txt.
- Type D:\sysavi\sysavi.sag in the Load File field.
- Click OK to install.

Verify SYSAVI Installation

Verify the installation by performing the following actions:

- Run Natural
- Logon to library SYSAVI

Run program MENU and the SYSAVI Main Menu will appear.

5   Initialisation File

The installation generates an Initialisation File that is used to store some base parameters.

On Unix platforms the Initialisation File is /opt/softwareag/avi/vXXXX/cfg/avi.cfg (where XXXX is the installed version of Adabas Vista).

On Windows platforms the Initialisation File is C:\Program Files\Software AG\Adabas Vista\cfg\avi.cfg.

Unix Sample

```
[AVI]
CRITICAL=NO
TRACE=0x00000000
LOGS=/tmp
```

Windows Sample

```
[AVI]
CRITICAL=NO
TRACE=0x00000000
LOGS=C:\TEMP
```

CRITICAL

This parameter determines whether Adabas Vista is critical. The parameter is optional and defaults to NO. If Adabas Vista fails to initialise and `CRITICAL` is set to YES, the application will receive a response 249 with an appropriate subcode. If `CRITICAL` is set to NO, Adabas Vista will be disabled and the application will behave as though Adabas Vista is not installed.

TRACE

This parameter determines the trace level. This parameter is optional and defaults to 0x00000000 (i.e. off). If the trace level is non-zero, trace information will be written to files named aviXXXXX.log (where XXXX is a rolling-digit) in the directory determined by the `LOGS` parameter.

> **Note:** Tracing has significant impact on performance and should only be enabled for diagnostic purposes.

LOGS

This parameter determines the directory to which trace files will be written. This parameter is optional. On Unix platforms it defaults to /tmp, and on Windows platforms it defaults to the directory indicated by the %TEMP% environment variable.

> **Note:** If this directory is inaccessible, trace output will be written to stdout.