StarOffice™ 6.0, Beta Release

Setup Guide

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CHAPTER 1

Icons in the Help

There are three icons used to call your attention to additional helpful information.

The "Important!" icon points out important information regarding data and system security.

The "Note" icon points out extra information: for example, alternative ways to reach a certain goal.

The "Tip" icon points out tips for working with the program in a more efficient manner.

CHAPTER 2

The StarOffice Installation

Installation Types

This chapter gives you general information on the different types of installation, the prerequisites for installation and the installation process. Information on how to modify an existing StarOffice installation can be found in the Appendix under Modifying the StarOffice Installation on page 67.

The following table explains the different types of installation and when they are applicable.

Installation Type	Usage
Single-User Installation	StarOffice is installed on one computer for one user.
Network Installation	StarOffice is installed on a network computer for collective use. The network installation consists of the **server installation**, in which all components are installed on a network server, and a **workstation installation**, for which the server installation serves as the basis. The workstation installation is the type of installation used by a single user in a network. Many of the components are loaded from the server during runtime; the individual settings and files are stored in the user's section.

The **single-user installation** is suitable for all users who want to install and use StarOffice on one particular computer.

When running the single-user installation, login as a "normal" user under **Unix** and install StarOffice as a subdirectory of your home directory or in a local directory of your choice, to which you have the corresponding access rights.

If several users are working on the same stand-alone computer (which is not connected to a network) and if each user is to have their own environment in StarOffice, run a **server installation** in any directory of the computer. Each user then installs a **workstation installation** using the setup program from the server installation. If you are working with Windows 9X, the operating system must be configured for multi-user operation.

In the Appendix, we describe how the **StarOffice Printer Administration Utility spadmin** for **Unix** is used to set up printers, faxes and fonts for StarOffice.

General Installation Tips

System Requirements

General System Requirements

- A CD-ROM drive, when installing from CD-ROM
- 250 MB available hard-disk space
- Graphics capabilities of at least 800 x 600 resolution and 256 colors

Special System Requirements for Windows

- Windows 95 or higher. For the support of Asian languages, Windows 98 or higher is required. (Windows 2000 is recommended)
- PC with Pentium or compatible processor
- 64 MB RAM

Special System Requirements for Linux

- PC with Pentium or compatible processor
- Linux Kernel 2.2.13 or higher
- XServer (with at least 800x600, 256 colors) with window manager (e.g. GNOME)
- 64 MB RAM
- Installed glibc2 version 2.1.2 or higher

Special System Requirements for the Solaris™ Operating Environment on the SPARC™ Platform

- Operating Environment Solaris 7 or 8 (for support of Asian languages, Solaris 8 is recommended)
- Solaris 8 requires patches 108434-01 and 108435-01 (64 bit)
- For the support of Asian languages, the additional patch 108773-12 is required for Solaris 8.
- Solaris 7 requires patches 106327-08, 106300-09 (64 bit)
- XServer (with at least 800x600, 256 colors) with window manager (e.g. OpenWindows™, CDE, GNOME)
- 128 MB RAM

Patches for the Solaris Operating Environment can be found at http://sunsolve.sun.com.

Contents of the Installation CD

If you have a StarOffice CD for a single platform, you will find the installation files in the directory office60. If you have a multiplatform CD, the names of the directories are as follows:

- **Windows** version: windows\office60
- **Linux** version: linux/office60
- **Solaris™ Operating Environment on Sparc** version: solsparc/office60

Preparing the Installation from CD

You can find important installation tips in the files: `readme.txt` (Windows) or `README` (Solaris and Linux) in subdirectory `office60`. We strongly recommend that you read these files because they may contain information that only became available after this guide was printed.

The installation process can be stopped at any time by clicking the **Cancel** button. You will then not be able to run StarOffice. You can have the installation directory automatically removed after you cancel the installation. Please note, however, that in that case **all files and subfolders contained therein** will also be removed.

- Insert the StarOffice 6.0 CD into your CD-ROM drive.

Under the **Solaris (Sparc)** operating system, the StarOffice installation files should be available in the `/cdrom/solsparc/office60` path after a few seconds. If you have disabled the automatic volume management under Solaris, use "`volcheck.cdrom`" to enable the CD-ROM.

If you have mounted the CD on `/cdrom` under **Solaris (Sparc)**, the installation directory for the StarOffice 6.0 version reads as follows:

```
/cdrom/solsparc/office60
```

For **Linux** users: You must mount your CD-ROM drive with "Execute" rights to be able to run the setup script from the CD. Should this not be possible, copy the installation files into a temporary directory on the hard disk and start the installation from there.

For **Windows NT / 2000** and for **Win9x** versions which have been setup for multi-user operation: In these versions the `sversion.ini` file will not be written into the Windows directory but rather into the user data directory set up for each user (for example, in `C:\Documents and Settings\Username\Application Data`).

Under **Windows**, the StarOffice 6.0 version could, for example, be found in the directory:

`X:\windows\office60` (when using multi-platform CD) or `X:\office60`

(`X` represents the letter of your CD-ROM drive)

CHAPTER 3

Single-User Installation

The single-user installation is what you use to set up StarOffice on one computer for one user.

When installing StarOffice as a single-user installation, log in to the system as a normal user and install StarOffice in the home directory (Solaris, Linux, etc.) or in the local directory of your choice to which you have full access rights.

Installation Requirements

The directory into which StarOffice is to be installed should have approximately 190 to 250 MB of free space, depending on the installation options you select. You will also need up to 40 MB of additional space for temporary files during installation. After successful completion of the installation, the temporary files will be automatically deleted. If you are installing under Unix, you will also require a swap volume of about 80 MB.

Starting the Installation

If you have already installed a previous version of StarOffice, you should first check to see if this file exists:

- `.sversionrc` file in your **Unix** home directory or
- `sversion.ini` file in the **Windows** user directory.

This file contains the path and version number of an already installed StarOffice. If the version number is identical to the version number of the StarOffice to be installed, you must deinstall the old StarOffice version before you can install the new one.

- If necessary, log in to the system with your user name. You do not need any system administrator rights for a single-user installation.

- Under **Unix**, go to the graphical X Window interface if it was not already automatically activated.
- Go to the installation directory on the CD, either by command line in a terminal window or through the File Manager. For example, this can be done using one of these commands:

  `cd /cdrom/solsparc/office60` (for Solaris on Sparc platform)
  `cd /cdrom/linux/office60` (for Linux)

- Start the installation script with the command

  `./setup`

- Under **Windows**, you can use the Windows Explorer to run the StarOffice setup program. To start the setup program with a parameter, open the Start menu on the Windows Start bar, select the **Run...** command and enter the following line in the text box (you can also use the **Browse** button to find the file and to correctly enter the path in the text box):

  `X:\windows\office60\setup.exe -parameter`

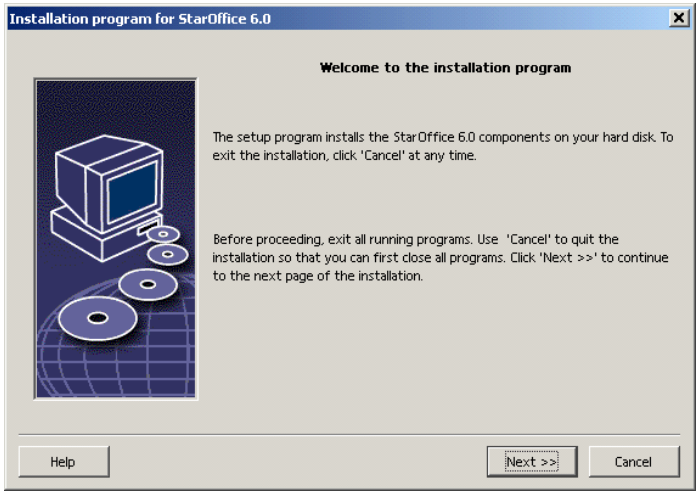
  (`X` stands for the letter of your CD-ROM drive and `parameter` stands for the start parameter to be given).

  To run the single-user installation, you do not have to give the setup program parameters. More information on setup parameters can be found in the Appendix.

The Setup Procedure

Welcome

The first thing to appear on the screen is a welcome dialog.

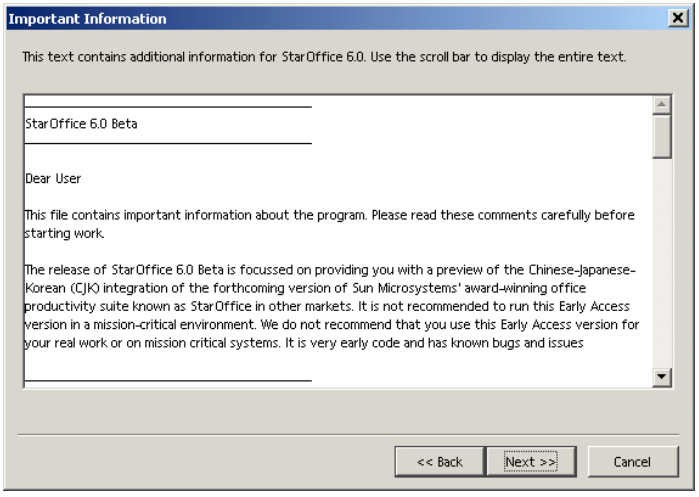


In many of the setup program dialogs you will see a **Help** button which displays brief information about the current dialog. After you have read the Help text, use the **Back** button to return to the setup program. Do NOT close the Help with the "X" system button (top right) as this would exit the setup program.

- Confirm the Welcome dialog by clicking the **Next** button.

Important Information

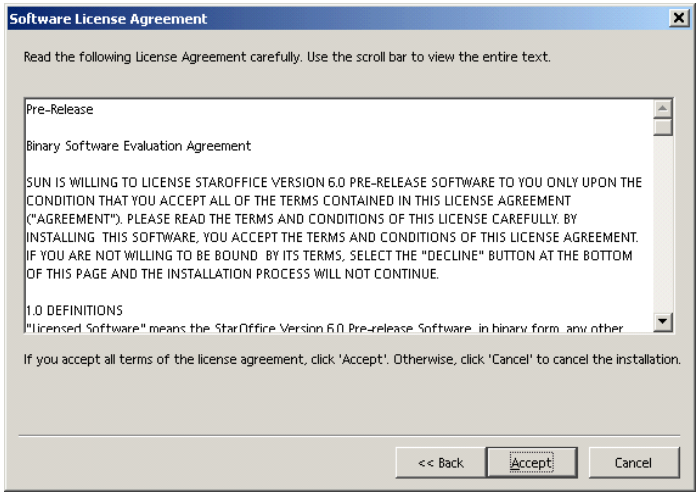
Now a window appears containing the `readme.txt` file (Windows) or `README` file (Solaris and Linux). This file can also be opened and read from the StarOffice directory after the installation process is completed.



- Read the information and confirm by clicking **Next**.

License Agreement

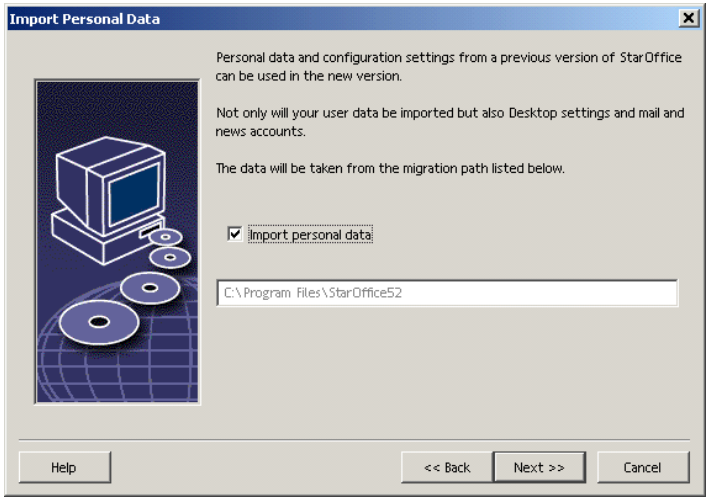
The next dialog contains the license agreement.



- Carefully read the license agreement. If you agree to all points, click **Accept** to continue with the installation. If you do not agree to the license agreement click **Cancel**. In the latter case StarOffice will not be installed.

Migration

If the setup program notices that there is a 5.2 version installed on your computer, a **migration dialog** will appear enabling you to transfer personal data from the previous version to the new version.

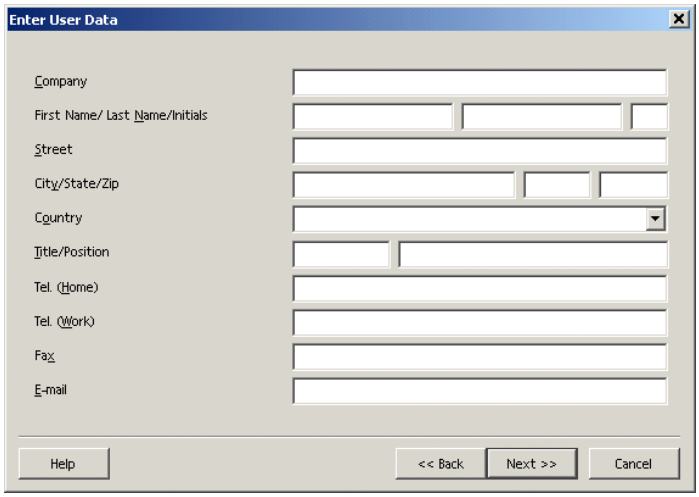


- If you want to transfer your personal data from the previous version, mark the **Import personal data** check box.
- Click **Next** to continue the installation.

If you confirm the copying of the data, your user data will be directly transferred and the following **Enter User Data** dialog will not appear.

User Data

You will now see the **Enter User Data** dialog. This dialog will not appear if you have imported your personal data from a previous version.



- Enter your personal data.

  The data entered here will be used in fields in StarOffice, for example, to automatically insert your data into the corresponding fields in letter and fax templates.

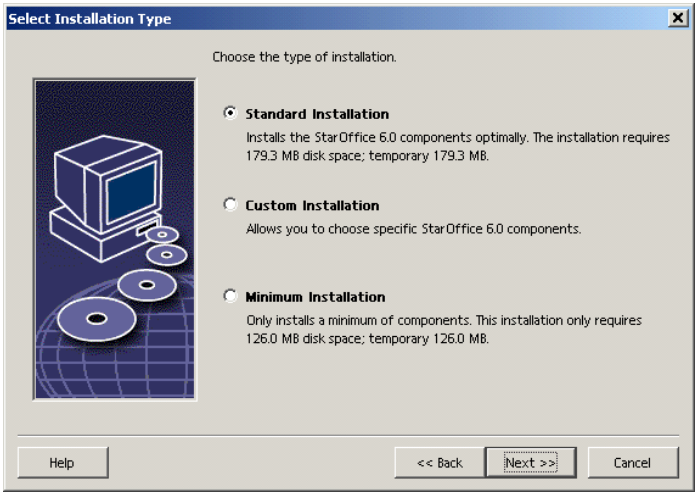
  You can also access this dialog later by choosing **Tools - Options - StarOffice - User Data**.

- Click **Next** to continue the installation.

Type of Installation

The next dialog in the StarOffice setup program allows you to select the type of installation to be carried out.

The memory requirements shown here are approximates based on the cluster sizes of the next target directory containing sufficient free space.



We recommend the **Standard Installation** for most users. This generally means that all of the components will be installed together with a selection of filters. If you select this option you will only be prompted to specify the directory in which StarOffice is to be installed.

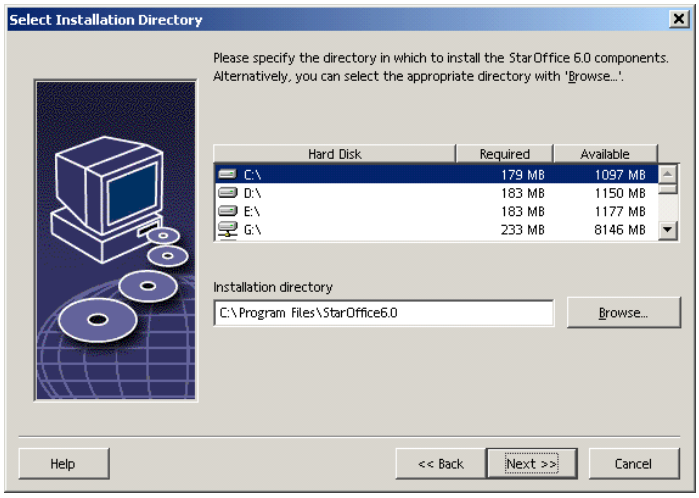
In the **Custom Installation** you also first see a dialog for selecting the installation directory. Then, in the subsequent dialog, you select the individual components to be installed.

The **Minimum installation** will only install those components that are required to run StarOffice. If this is chosen the Help files will not be installed nor will the majority of the samples and templates. After choosing this option you will only be required to enter the name of the directory in which StarOffice is to be installed.

- Select the type of installation suitable to your needs.
- Click **Next** to continue the installation.

Installation Directory

The next dialog to appear is for selecting the installation directory.

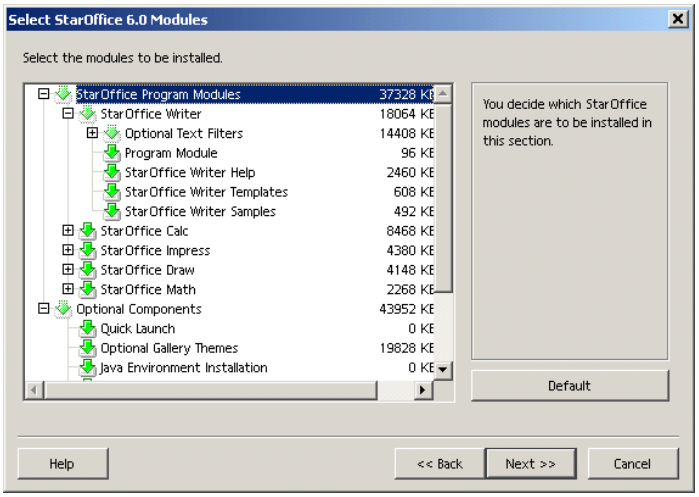


In the top part of the dialog, there is a list of the drives on your system with details regarding how much space is required and how much space is available. The amount of memory required can differ due to different drives and cluster sizes.

- You can also select the installation path from a selection dialog by clicking **Browse** or by directly entering the path in the text box. If the directory entered does not exist, you will be asked if it should be created. StarOffice will install files and other subfolders with files in the directory you specify.
- Click **Next** to continue the installation.

Component Selection

If you have selected the **Custom Installation** you will now see a dialog for selecting the components to be installed.



As a rule, all of the components which have a colored box next to their name will be installed. If you do not want to install a particular component, click the box next to the name and it will change to gray. Each time you click one of the boxes, it will change from colored to gray or vice versa, and the corresponding component and all subordinate components will either be part of the installation (colored) or not part of the installation (gray).

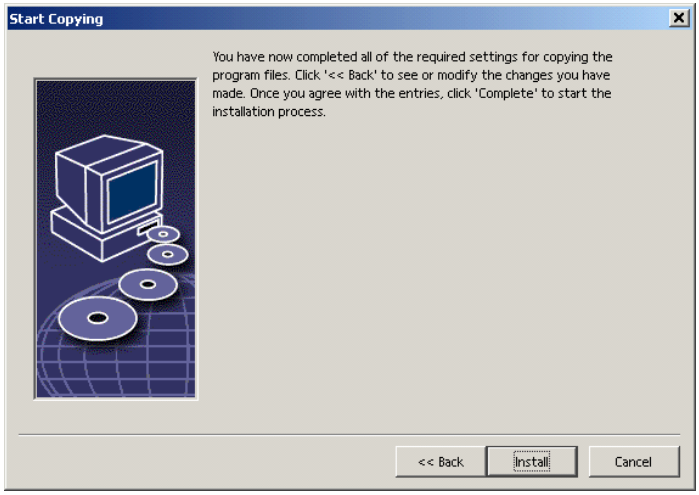
When you click the plus sign next to the name of a component, a list of the subordinate components will be revealed. Again, clicking the individual boxes will either include the components in or exclude them from the installation. If a group entry contains components to be installed as well as components excluded from installation, the box in front of the group entry will appear semi-transparent. For example, the box in front of the StarOffice Writer text filters is by default semi-transparent because the default setting does not include all filters.

You can use the **Default** button, to restore the settings that were originally shown when the dialog was opened for the first time.

Entries shown in red denote that these components will be installed no matter what and that they cannot be deselected.

- Select the modules and components you want to include in the installation.
- Click **Next** to continue the installation.

Concluding the Installation Options

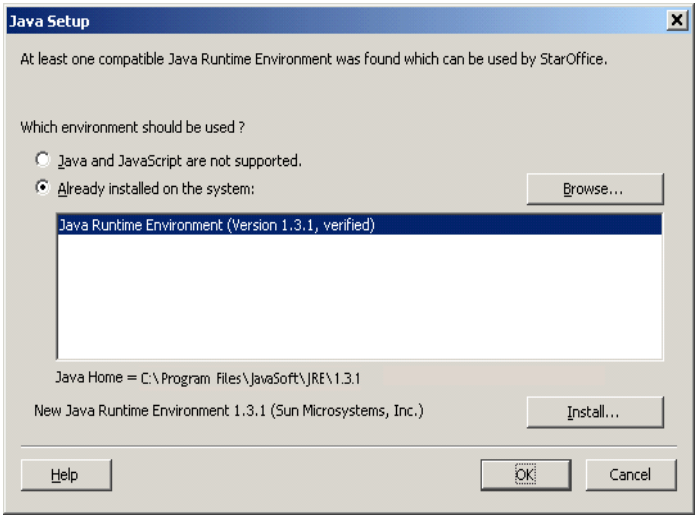


A dialog will inform you that all of the details needed to copy the program files have been entered.

- Click **Install** to continue the installation.

Java™ Runtime Environment

The next dialog to appear lists the Java Runtime Environment versions registered in your system.

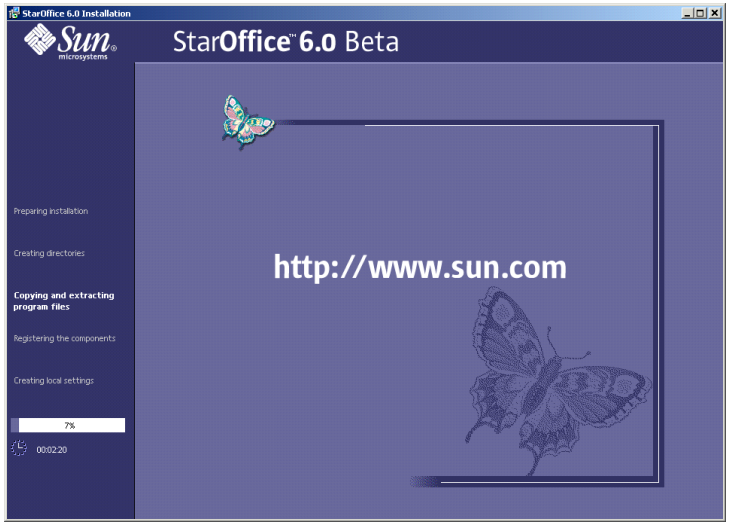


In this dialog, select the Java Runtime Environment you want to use. You require version 1.3.1 or higher. If you have already installed a newer version than 1.3.1, you do not have to install the version provided as long as StarOffice identifies your version as **verified**.

Additional information about the Java installation can be found in the Appendix.

- Select the preferred option and click **OK**.

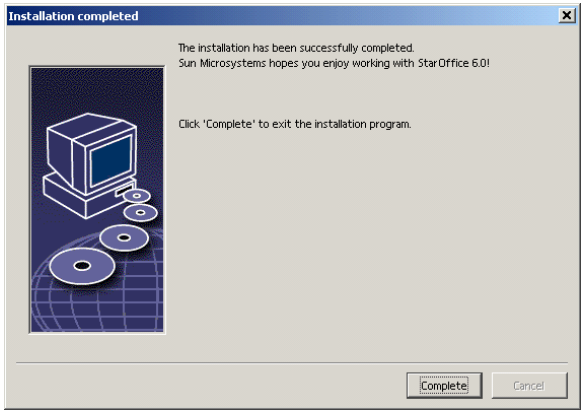
Copying the Files



On screen, you will see how the installation is progressing and approximately how much time is left till the installation is complete.

Concluding the Installation

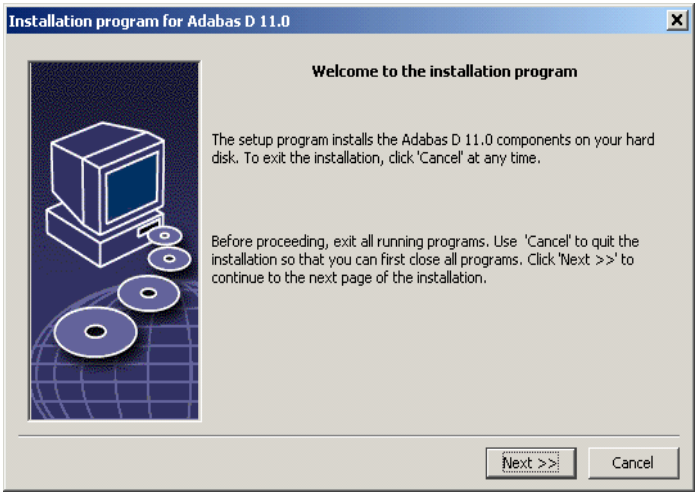
After the process of copying and registering the files is finished, you will see the final dialog.



- Click **Complete** to finish the installation.

Adabas D Installation

If you already have an Adabas D database installed on your computer no new installation will occur. However, if you are carrying out a single-user installation and no Adabas is installed, the Adabas setup program will be started.



The StarOffice setup program recognizes the existence of an Adabas D database by means of the system variables `DBROOT`, `DBWORK` and `DBCONFIG` which are defined in the file `C:/Autoexec.bat` under Windows 9x. Under Unix, these system variables will be set in a file such as `.cshrc` or `.bashrc` in your Home directory depending on the shell used.

In the case of a Custom Installation, the entry **Adabas Database** can be deselected from the StarOffice setup program under "Optional Components" if you do not want to install Adabas. Alternatively, you can also cancel the Adabas setup program in the first dialog.

The Adabas setup program asks where the Adabas D files are to be installed. Do **not** select the same directory as for StarOffice.

The Adabas setup program will enter its system variables into the start file of your system and complete the search path.

The following lines will be entered under Windows into the start file `C:\Autoexec.bat`:

```
set DBROOT=Installation path
set DBWORK=Installations path\sql
set DBCONFIG=Installations path\sql
set PATH=%PATH%;Installation path\bin;Installation path\pgm
```

A copy of the old `Autoexec.bat` file will be made before changes are made and it will be saved under `Autoexec.bak`. If the start file has a read-only access this will be removed.

Starting StarOffice

Under **Windows** in the Start menu under programs `/ StarOffice 6.0`, you will now find menu entries for starting the various StarOffice components that have been installed.

During the StarOffice installation, a link is created in the autostart folder of the **Windows** Start menu. This link leads to the StarOffice Quickstarter, which is available in the system tray after you restart your system.

Right-click the Quickstarter icon to activate a context menu from which you can start various StarOffice components.

Detailed information on Quickstarter functionality can be found in the Help under the word "Quickstart".

To start StarOffice under **Unix**, go to the `staroffice6.0/program` directory, or to the local StarOffice directory in your home directory, and start StarOffice with the command

```
./soffice
```

You can also place the `staroffice6.0/program` directory into the path for programs under **Unix**. You will then be able to start StarOffice by using the command "soffice" in any directory. To set up the default printer, call the Printer Administration Utility **spadmin**, which is described in the Appendix.

After completing the installation process under the **Solaris Operating Environment**, you should log out and log in again to update the CDE integration.

CHAPTER 4

Network Installation

Server Installation

The network installation of StarOffice is carried out in two steps. First, login as system administrator or as a normal user with corresponding system access rights and enter the parameter `-net`. Carry out the complete StarOffice installation in a directory located on a network server to which the users have read and execute access rights. Second, after the **Server Installation** is complete, each user can log in to the system and install StarOffice in a folder in his or her home directory. This means that only a few files need to be installed for this **Workstation Installation**. The files of the server installation serve to support joint access.

Call the Setup.exe program from the installation directory on the CD and enter the parameter `-net`.

The server installation does not result in a StarOffice version that can be run directly. Thus, if required, the system administrator also has to carry out a workstation installation.

Installation Requirements

About 250 MB of space needs to be available in the server directory which is to contain the StarOffice installation. During the installation about 20 MB space is required for temporary files. The temporary files will be automatically deleted after the installation has been completed successfully. Under Unix you will need a swap volume of about 80 MB.

Starting the Installation

- Log in to the system as system administrator.

- Go to the graphical X Window interface if it was not already automatically activated.
- Go to the installation directory on the CD, either by command line in a terminal window or through the File Manager. For example, this can be done using one of these commands:

  `cd /cdrom/solsparc/office60` (under Solaris on SPARC)
  `cd /cdrom/linux/office60` (under Linux)

- Call the installation script with the command

  `./setup -net`

- Call the `Setup.exe` program from the installation directory of the CD using the `-net` parameter.

  To start the setup program by using a parameter, open the Start menu on the Start bar, select the **Run...** command and enter the following line in the text box (you can also use the **Browse** button to find the file and to correctly enter the path in the text box):

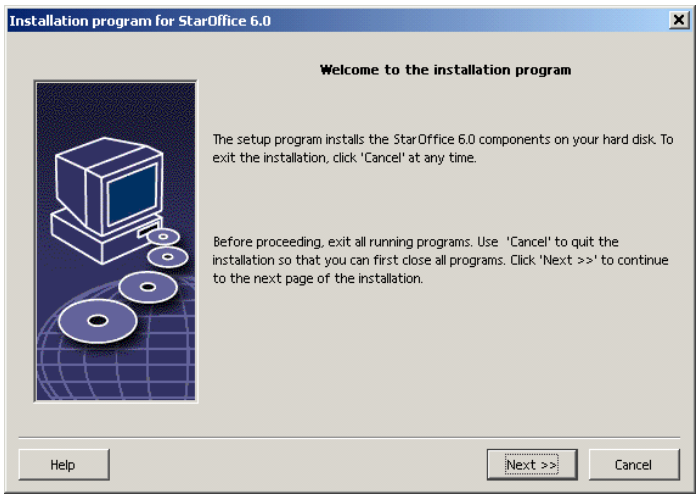
  `X:\windows\staroffice6.0\setup.exe -net`

  (`X` represents the letter of your CD ROM drive)

The Setup Procedure

Welcome

The first thing to appear on the screen is a welcome dialog.

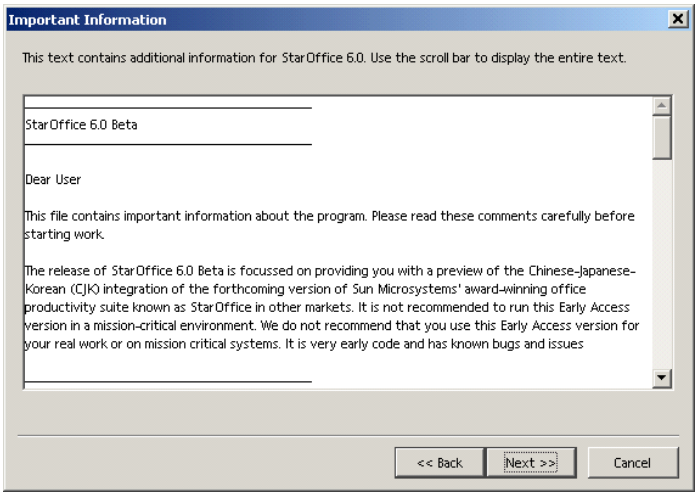


In many of the setup program dialogs you will see a **Help** button which displays brief information about the current dialog. After you have read the Help text, use the **Back** button to return to the setup program. Do NOT close the Help with the "X" system button (top right) as this would exit the setup program.

- Confirm the Welcome dialog by clicking the **Next** button.

Important Information

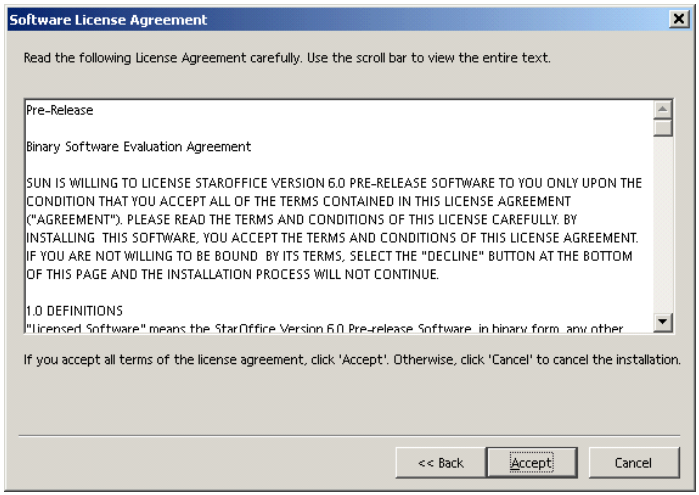
Now a window appears containing the `readme.txt` file (Windows) or `README` file (Solaris and Linux). This file can also be opened and read from the StarOffice directory after the installation process is completed.



- Read the information and confirm by clicking **Next**.

License Agreement

The next dialog contains the license agreement.

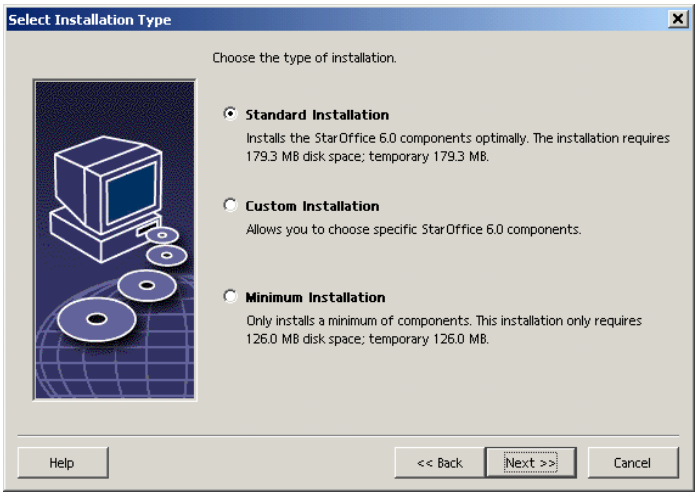


- Carefully read the license agreement. If you agree to all points, click **Accept** to continue with the installation. If you do not agree to the license agreement click **Cancel**. In the latter case StarOffice will not be installed.

Type of Installation

The next dialog in the StarOffice setup program allows you to select the type of installation to be carried out.

The memory requirements shown here are approximates based on the cluster sizes of the next target directory containing sufficient free space.

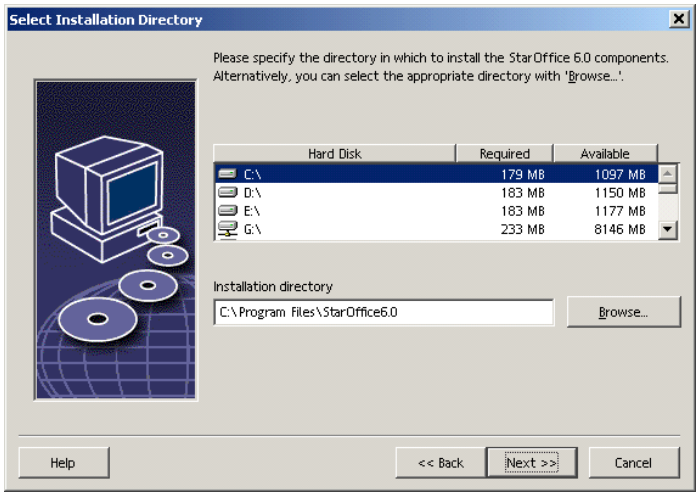


When installing StarOffice on a network server you should install all of the available components. To do this select the **Custom Installation** and select all of the options contained in the dialog following on from the next one in which a directory is chosen.

- Select **Custom Installation**.
- Click **Next** to continue the installation.

Installation Directory

The next dialog to appear is for selecting the installation directory.



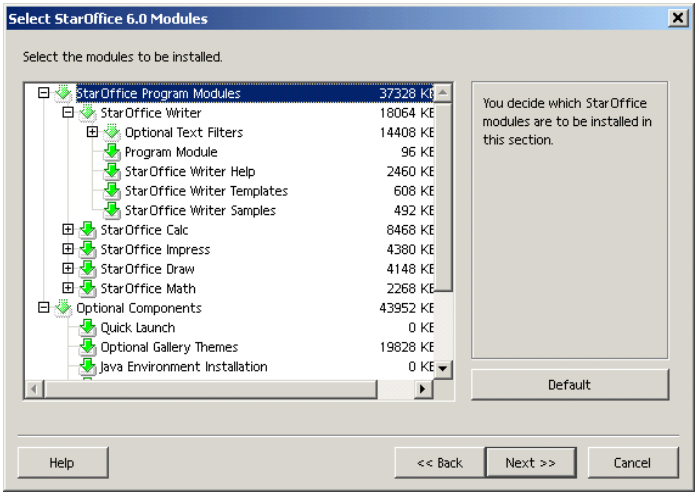
In the top part of the dialog, there is a list of the drives on your system with details regarding how much space is required and how much space is available. The amount of memory required can differ due to different drives and cluster sizes.

- You can also select the installation path from a selection dialog by clicking **Browse** or by directly entering the path in the text box. If the directory entered does not exist, you will be asked if it should be created. StarOffice will install files and other subfolders with files in the directory you specify.
- Click **Next** to continue the installation.

Select a directory in which all users have read and execute rights so that the workstation installations can be carried out.

Component Selection

If you have selected the **Custom Installation** you will now see a dialog for selecting the components to be installed.



As a rule, all of the components which have a colored box next to their name will be installed. If you do not want to install a particular component, click the box next to the name and it will change to gray. Each time you click one of the boxes, it will change from colored to gray or vice versa, and the corresponding component and all subordinate components will either be part of the installation (colored) or not part of the installation (gray).

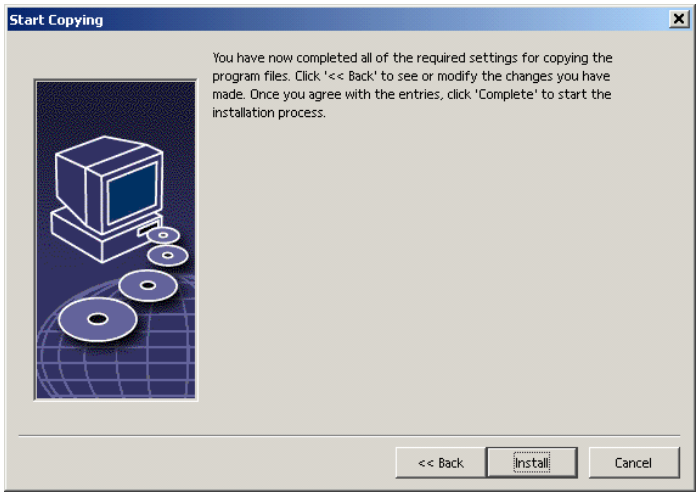
When you click the plus sign next to the name of a component, a list of the subordinate components will be revealed. Again, clicking the individual boxes will either include the components in or exclude them from the installation. If a group entry contains components to be installed as well as components excluded from installation, the box in front of the group entry will appear semi-transparent. For example, the box in front of the StarOffice Writer text filters is by default semi-transparent because the default setting does not include all filters.

You can use the **Default** button, to restore the settings that were originally shown when the dialog was opened for the first time.

Entries shown in red denote that these components will be installed no matter what and that they cannot be deselected.

- Select the modules and components you want to include in the installation.
- Click **Next** to continue the installation.

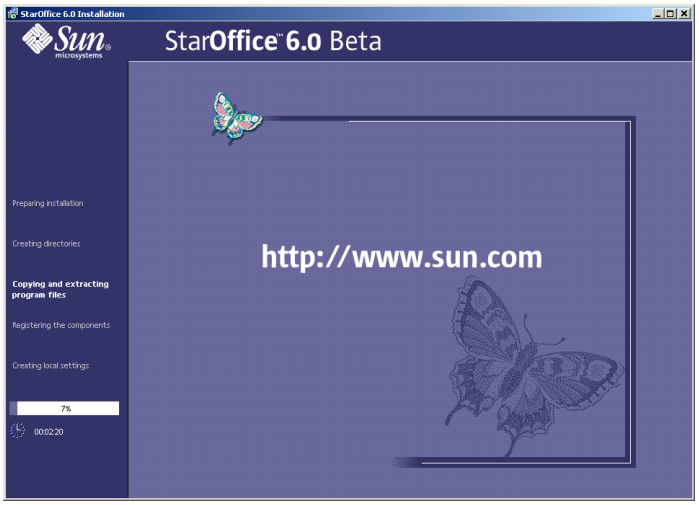
Concluding the Installation Options



A dialog will inform you that all of the details needed to copy the program files have been entered.

- Click **Install** to continue the installation.

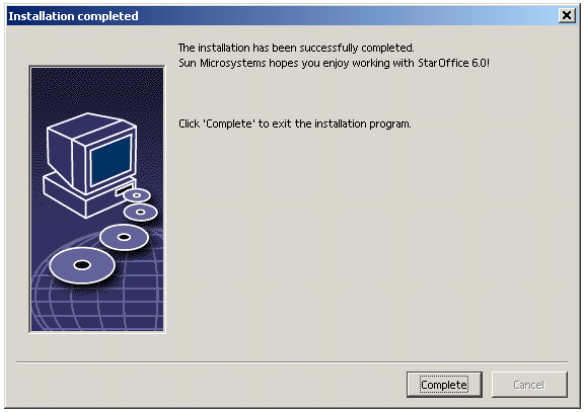
Copying the Files



On screen, you will see how the installation is progressing and approximately how much time is left till the installation is complete.

Concluding the Installation

After the process of copying and registering the files is finished, you will see the final dialog.



- Click **Complete** to finish the installation.

Now, with the aid of the **workstation installation**, each user can install StarOffice in his or her Home directory or local hard disk.

Unix

As system administrator, you can also call the printer administration utility **spadmin** in order to, among other things, define printer settings for the individual user installations and to install fonts. You can find more details on spadmin in the Appendix.

Workstation Installation

Every network user can carry out a user installation under his or her login name by calling the setup program from the server installation.

Installation Requirements

About 2 to 4 MB of free space is required on the hard disk where StarOffice is to be installed.

Starting the Installation

Before the workstation installation can be initiated, a server installation must have been carried out successfully as described under Server Installation on page 31.

If you have already installed a previous version of StarOffice, you should first check to see if this file exists:

- `.sversionrc` file in your **Unix** home directory or
- `sversion.ini` file in the **Windows** user directory.

This file contains the path and version number of an already installed StarOffice. If the version number is identical to the version number of the StarOffice to be installed, you must deinstall the old StarOffice version before you can install the new one.

- Log in to the system with your user name.

- Go to the graphical X Window interface.
- Open a terminal window and use the command line to go to the network installation path on the server and then to the program sub-directory. If the server installation was made in the directory `/opt/staroffice6.0`, this could be done using the command:

  ```
  cd  /opt/staroffice6.0/program
  ```

- Start the installation script with the command

  ```
  ./setup
  ```

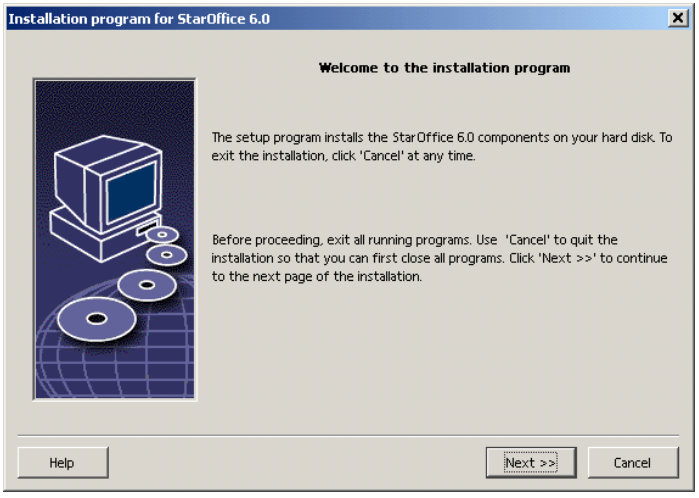
- Run the `Setup.exe` program located in the network installation directory on the server.

  When working under Windows you can use the Windows Explorer to call up the setup program.

The Setup Procedure

Welcome

The first thing to appear on the screen is a welcome dialog.

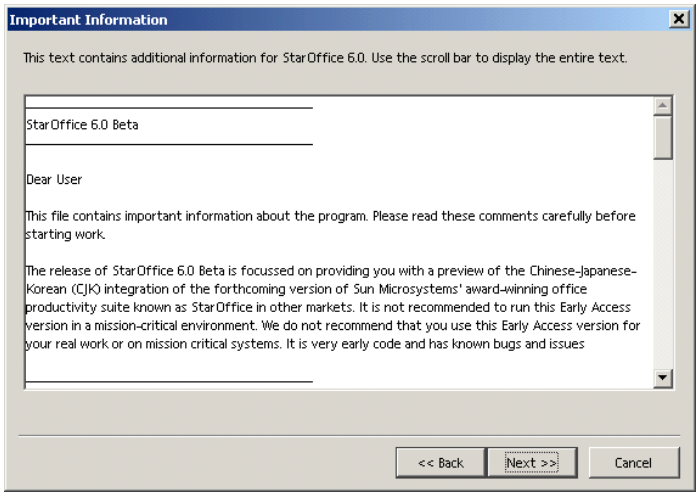


In many of the setup program dialogs you will see a **Help** button which displays brief information about the current dialog. After you have read the Help text, use the **Back** button to return to the setup program. Do NOT close the Help with the "X" system button (top right) as this would exit the setup program.

- Confirm the Welcome dialog by clicking the **Next** button.

Important Information

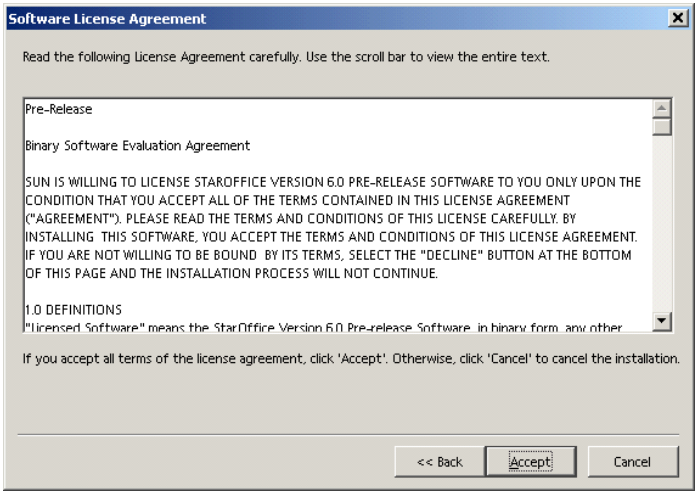
Now a window appears containing the `readme.txt` file (Windows) or `README` file (Solaris and Linux). This file can also be opened and read from the StarOffice directory after the installation process is completed.



- Read the information and confirm by clicking **Next**.

License Agreement

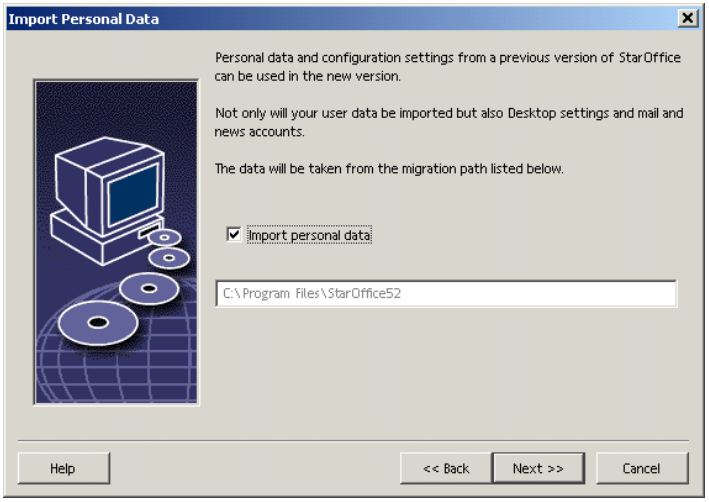
The next dialog contains the license agreement.



- Carefully read the license agreement. If you agree to all points, click **Accept** to continue with the installation. If you do not agree to the license agreement click **Cancel**. In the latter case StarOffice will not be installed.

Migration

If the setup program notices that there is a 5.2 version installed on your computer, a **migration dialog** will appear enabling you to transfer personal data from the previous version to the new version.

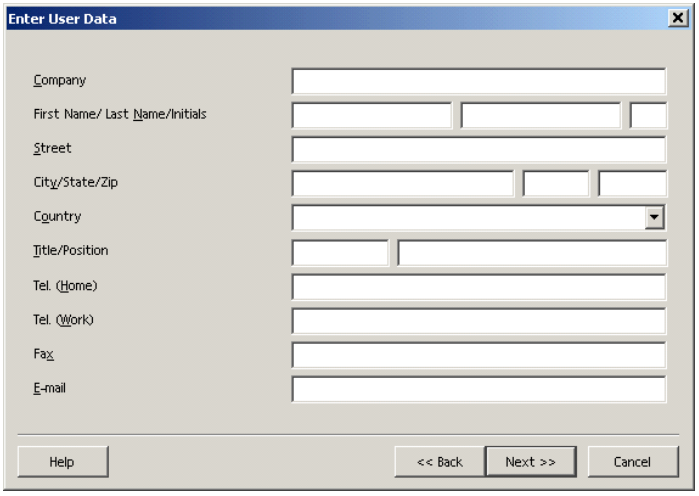


- If you want to transfer your personal data from the previous version, mark the **Import personal data** check box.
- Click **Next** to continue the installation.

If you confirm the copying of the data, your user data will be directly transferred and the following **Enter User Data** dialog will not appear.

User Data

You will now see the **Enter User Data** dialog. This dialog will not appear if you have imported your personal data from a previous version.



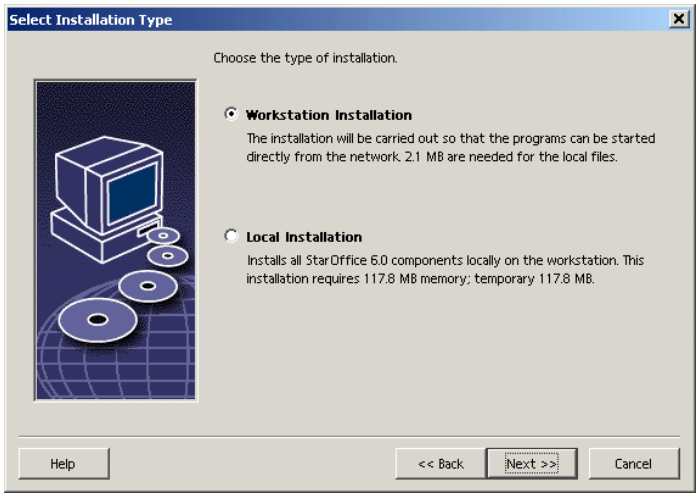
- Enter your personal data.

  The data entered here will be used in fields in StarOffice, for example, to automatically insert your data into the corresponding fields in letter and fax templates.

  You can also access this dialog later by choosing **Tools - Options - StarOffice - User Data**.

- Click **Next** to continue the installation.

Type of Installation



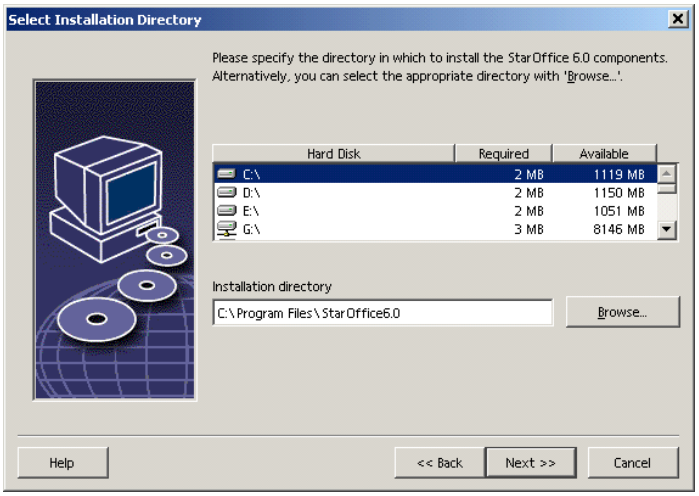
- Select the **Workstation Installation** as your user installation. Only the files that contain variable data for a user will be installed.

  The **Local Installation** option installs a complete StarOffice locally. The server installation serves as the source.

- Click **Next** to continue the installation.

Installation Directory

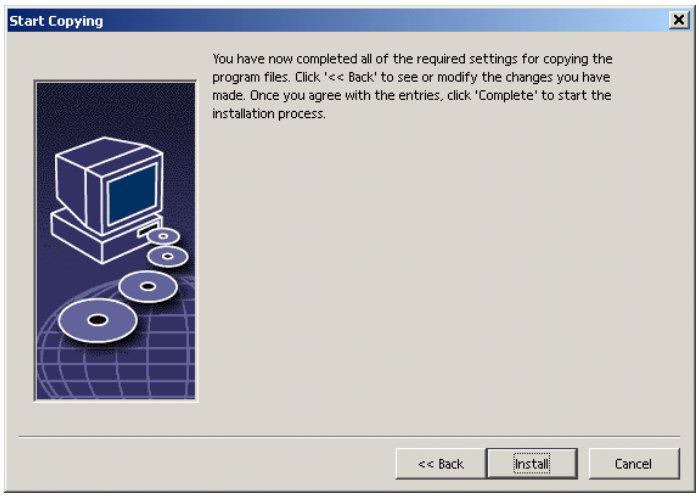
The next dialog to appear is for selecting the installation directory.



In the top part of the dialog, there is a list of the drives on your system with details regarding how much space is required and how much space is available. The amount of memory required can differ due to different drives and cluster sizes.

- You can also select the installation path from a selection dialog by clicking **Browse** or by directly entering the path in the text box. If the directory entered does not exist, you will be asked if it should be created. StarOffice will install files and other subfolders with files in the directory you specify.
- Click **Next** to continue the installation.

Concluding the Installation Options

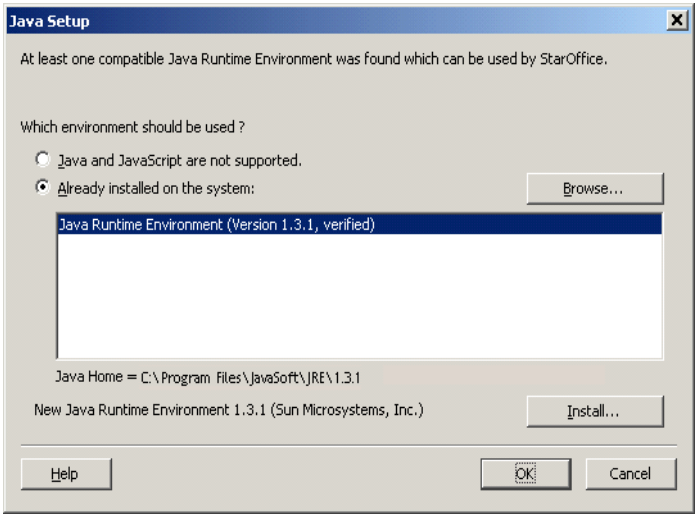


A dialog will inform you that all of the details needed to copy the program files have been entered.

- Click **Install** to continue the installation.

Java™ Runtime Environment

The next dialog to appear lists the Java Runtime Environment versions registered in your system.

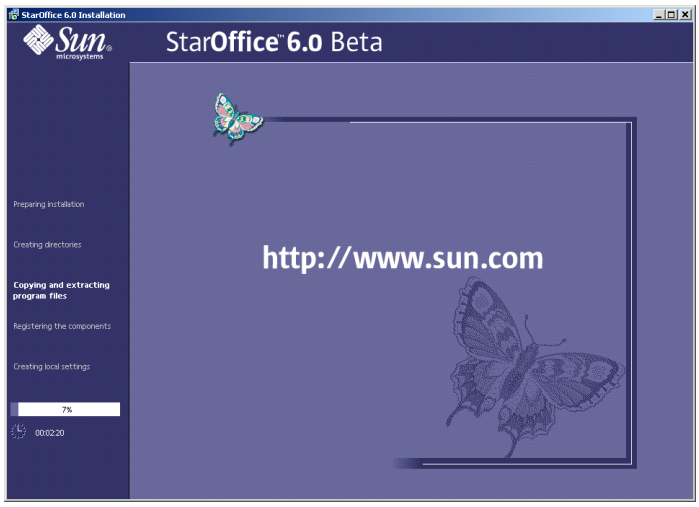


In this dialog, select the Java Runtime Environment you want to use. You require version 1.3.1 or higher. If you have already installed a newer version than 1.3.1, you do not have to install the version provided as long as StarOffice identifies your version as **verified**.

Additional information about the Java installation can be found in the Appendix.

- Select the preferred option and click **OK**.

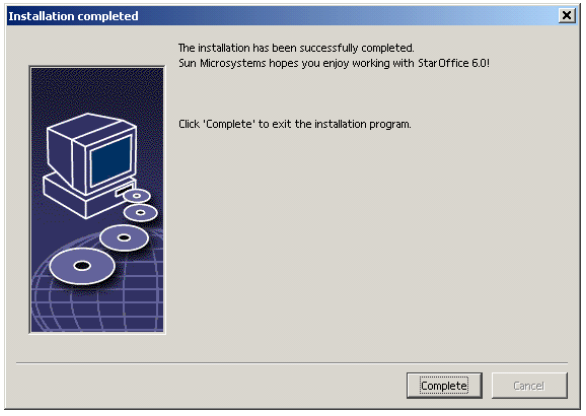
Copying the Files



On screen, you will see how the installation is progressing and approximately how much time is left till the installation is complete.

Concluding the Installation

After the process of copying and registering the files is finished, you will see the final dialog.



- Click **Complete** to finish the installation.

Starting StarOffice

Under **Windows** in the Start menu under programs `/ StarOffice 6.0`, you will now find menu entries for starting the various StarOffice components that have been installed.

During the StarOffice installation, a link is created in the autostart folder of the **Windows** Start menu. This link leads to the StarOffice Quickstarter, which is available in the system tray after you restart your system.

Right-click the Quickstarter icon to activate a context menu from which you can start various StarOffice components.

Detailed information on Quickstarter functionality can be found in the Help under the word "Quickstart".

To start StarOffice under **Unix**, go to the `staroffice6.0/program` directory, or to the local StarOffice directory in your home directory, and start StarOffice with the command

```
./soffice
```

You can also place the `staroffice6.0/program` directory into the path for programs under **Unix**. You will then be able to start StarOffice by using the command `soffice` in any directory. To set up the default printer, call the Printer Administration Utility **spadmin**, which is described in the Appendix.

After completing the installation process under the **Solaris Operating Environment**, you should log out and log in again to update the CDE integration.

CHAPTER 5

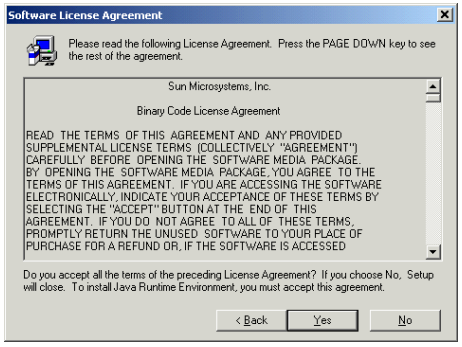
Appendix

The Appendix contains instructions for setting up the Java runtime environment, information about the printer administration program under the Solaris operating environment and under Linux, and about modifying and repairing the installation as well as deinstalling StarOffice.

Installing the Java™ Runtime Environment under Windows

During the StarOffice setup, you will be asked if you want to install the Java™ Runtime Environment from Sun Microsystems Inc. These files are needed to run Java Applets.

If you want to install the Java Runtime Environment, confirm the query.



You will now see the License Agreement from Sun Microsystems.

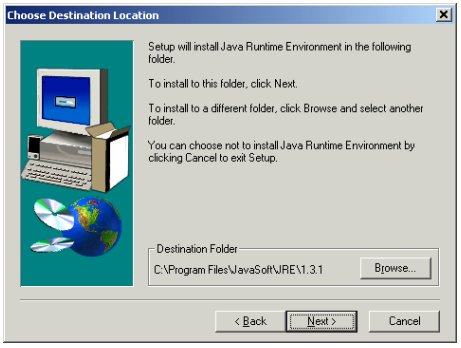
- Read this carefully, and click **Yes** if you agree to the terms.

A warning may appear informing you that the Java Runtine Environment setup has found an outdated version of `Winsock.dll` on your system and that a newer version will be installed.

Normally this query is confirmed with **Yes**. However, if you are using one of the more "exotic" Internet providers or have an unusual Intranet connection to your company's network, you should answer with **No** and ask your system administrator if the `Winsock.dll` should be replaced. You can manually start the Java Runtime Environment setup at any time from the installation source.

The installation of the new `Winsock2.dll` can be reversed if needed by means of a .bat file. This file is located in a new folder called `windows/ws2bakup`.

- Click **OK** to confirm the dialog that appears to report the successful replacement of the outdated system file.



In the next dialog, select the drive and folder in which to install the Java Runtime Environment files. If you do not want to use the default "Destination Directory" click the **Browse...** button and choose a different location for the installation.

- Click **Next** to start installing the files.

After the files have been copied, the Java Runtime Environment setup is complete.

The following instructions only apply to Linux: To use the Java runtime environment under Linux, refer to the readme file for the most up-to-date information.

Setting up Printer, Fax and Fonts under Unix

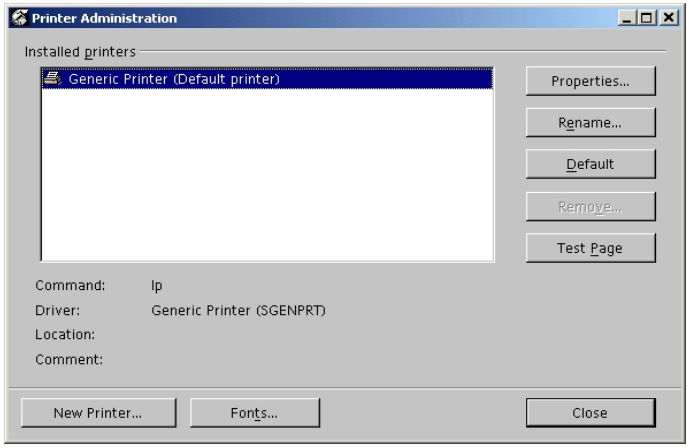
Under Unix, the printer administration program "spadmin" is provided to help you set up printers, faxes and fonts for use with StarOffice.

Call the printer administration program "spadmin" as follows:

- Go to the `staroffice6.0/program` directory.
- Enter:

  `./spadmin`

After it starts, the window of the printer administration program "spadmin" appears. That is where you can make all important settings.



During a network installation, the **System Administrator** first logs on as user root and calls the printer administration program "spadmin". He or she then creates a general printer configuration file called `staroffice6.0/share/psprint/psprint.conf` for all users. All changes are immediately available to all users in StarOffice.

The system administrator can also add fonts for all users in the network installation. However, these fonts are available only after restarting StarOffice.

Setting up Printers

Under Unix, StarOffice only offers direct support for PostScript printers. Other printers must be set up as described in the section **Printer Drivers in StarOffice**. StarOffice automatically provides a printer with the default driver for each system queue. You can add additional printers as needed.

Adding a Printer

1. Click the **New Printer** button.
2. Select the **Create Printer** option and click **Next**.
3. Select the appropriate driver for your printer. If you are not using a PostScript printer or your model is not listed, use the "Generic Printer" driver or follow the steps below. You can also add new drivers using the **Import** button or delete unnecessary drivers using the **Delete** button (see below for details). Click **Next**.
4. Choose a command line that you can use to print on your printer (for example, `lp -d my_queue`). Click **Next**.
5. Give the printer a name and determine whether it should become the default printer. Click **Finish**.
6. To print a test page, click on **Test Page**. If the test page fails to print or is incorrectly printed, check all settings as described in **Change Printer Settings**.

You now have a new printer in StarOffice.

Printer Drivers in StarOffice

- When installing a non-PostScript enabled printer, you must set your system so that PostScript can be converted into the language of the printer. We recommend using current PostScript conversion software such as Ghostscript (http://www.cs.wisc.edu/~ghost/).

  You should set up the "Generic Printer" in that case. Make sure the page margins are set correctly as well. You can find this information in the following sections.

- If you are in possession of a PostScript-enabled printer, you must always install a description file that adapts the printer (PostScript Printer Definition - PPD) so

that you can utilize the paper tray selection, the duplex print function (if the printer has it) and any built-in fonts. You can also use the generic printer driver since it contains the most important data and is suitable for most printers. In that case, you will have to do without the paper tray selection and correctly set the page margins.

Some PPD files are installed by default. If there is no suitable PPD file for your printer, you can find various PPD files at http://www.adobe.com/prodindex/printerdrivers/winppd.html. You can also ask the manufacturer of your printer for PPD files. Unpack the driver and connect it to spadmin in your system. This is what you do:

- To import new drivers, click **Import** in the driver selection dialog. Click **Browse** to select the directory where you unpacked the PPD files. In the **Selection of drivers** list box, select the printer driver you want to install and then click **OK**.
- To delete a printer driver, select the printer driver and click **Delete**. Be sure that you do not delete the generic printer driver, and remember that drivers deleted from network installations are no longer available to other users who are using the same network installation.
- If the printer has more fonts built in than the usual PostScript fonts, you must also load the AFM files for these additional fonts. Copy the AFM files into the `staroffice6.0/share/psprint/fontmetric` directory of the StarOffice installation or into the `staroffice6.0/user/psprint/fontmetric` directory of the User Installation. You can find AFM files, for example, at ftp://ftp.adobe.com/pub/adobe/type/win/all/afmfiles/.

Changing Printer Settings

In the printer administration program "spadmin", select the printer from the **Installed printers** list box and click **Properties**. The **Properties** dialog appears containing several tab pages. This is where you can make settings that are used according to the PPD file of the selected printer.

- Select the command on the **Command** tab page. You can remove superfluous commands using the **Remove** button.
- On the **Paper** tab page, you can define the paper format and paper tray to be used as the default settings for this printer.
- On the **Device** tab page, you can activate the special options for your printer. If your printer can only print in black and white, choose "grayscale" under **Color**,

otherwise choose "color". If switching to grayscale leads to unfavorable results, you can also select "color" under **Color** and see how the printer or PostScript emulator applies it. Furthermore, on this tab page you can set the precision with which colors are described as well as the PostScript level.

- The **Font Replacement** tab page allows you to select a printer font type available in the printer for each font type installed on your computer. This way you can reduce the data volume sent to the printer. Font replacement can be turned on or off for each printer individually.
- You should also set the page margins correctly on the **Additional settings** tab when using the generic printer drivers so that your printout is not cropped. You can also enter a description in the Comments field, which will also be displayed on the **Print** dialog.

Some of these settings can also be set per document/printout in the **Print** dialog or the **Printer Settings** dialog in StarOffice through the **Properties** button.

Renaming or Deleting Printers

- Select a printer from the **Installed printers** list box.
- To rename the selected printer, click **Rename**. Enter an appropriate name in the dialog that appears and click **OK**. The name must be unique and should be chosen so that you can recognize the printer and the application. Printer names must be assigned the same for all users because, when documents are exchanged, the selected printer remains unchanged if the recipient has it under the same name.
- To delete the selected printer, click **Remove**. The default printer or a printer that has been created by the system administrator in a network installation cannot be removed using this dialog.

Selecting a Default Printer

- To make the printer selected from the **Installed printers** list box the default printer, double-click its name or click the **Default** button.

Using Fax Functionality

If you have already installed a fax package such as Efax or HylaFax on your computer, you can send faxes with StarOffice.

1. Click **New Printer**. This opens the **Add Printer** dialog.
2. Select **Connect a fax device**. Click **Next**.
3. Choose whether to use the default driver or another printer driver. Click **Next**. If you are not using the default driver, select the appropriate driver and click **Next**.
4. Enter a command line with which to communicate with the fax in the following dialog. In the command line of each fax sent "(TMP)" is replaced by a temporary file and "(PHONE)" by the telephone number of the recipient fax machine. If "(TMP)" occurs in the command line, the PostScript code is transmitted in a file, otherwise via standard input (i.e., as a pipe). Click **Next**.
5. Assign a name to your new fax printer and determine whether the telephone numbers (see below) marked in the text should be removed from the printout, or not. Click **Finish**.

You can now send faxes by printing to the printer that has just been created.

Enter the fax number as text in the document. You can also enter a field that takes the fax number from your active database. In any case, the fax number must start with the characters `@@#` and end with `@@`. A valid entry would have the form `@@#1234567@@`.

If these characters including the telephone number are not printed, activate the **Fax number is removed from the printout** option under **Properties** in the **Command** tab page. If no telephone number is entered in the document, a dialog prompting you for it will appear after the printout.

In StarOffice you can also activate a button for sending faxes to a default fax. To do this, right-click the function bar, open the **Visible Buttons** submenu and click the **Send Default Fax** button. You can set which fax is used when this button is pressed under **Tools - Options - Text Document - Print**.

Remember to create one separate print job for each fax. Otherwise, the first recipient would receive all the faxes. In the **File - Form Letter** dialog select the **Printer** option and then the **Create Individual Print Jobs** field.

Connecting a PostScript for PDF Converter

If a PostScript for PDF converter such as Ghostscript or Adobe Acrobat Distiller(tm) is installed on your computer, you can quickly create PDF documents in StarOffice.

1. Click **New Printer**. This opens the **Add Printer** dialog.
2. Select **Connect a PDF converter**. Click **Next**.
3. Choose whether to use the default driver, the Acrobat Distiller driver or another driver. Click **Next**. If you are not using the default driver or the Acrobat Distiller driver, select the appropriate driver and click **Next**.
4. In the next dialog, enter a command line with which to communicate with the PostScript->PDF Converter. Moreover, enter the directory where the PDF files created should be saved. If you do not provide this directory, the user's home directory will be used. In the command line of each created PDF document "(TMP)" is replaced by a temporary file and "(OUTFILE)" by the target file, the name of which is created from the document name. If "(TMP)" occurs in the command line, the Postscript code is transmitted in a file, otherwise via standard input (i.e., as a pipe). If Ghostscript or Adobe Acrobat Distiller is in the search path, you can use one of the predefined command lines. Click **Next**.
5. Assign a name to your new PDF converter. Click **Finish**.

You can now create PDF documents by printing to the converter that has just been created.

Installing Fonts

When you are working with StarOffice you might notice that a different number of fonts is provided depending on the document type being used. This is because not all of the fonts can be used in every case.

- Therefore, only those fonts will be shown in the font selection box when working with a text document which can also be printed, as it is assumed that you will only want to use those fonts that you can actually have printed on paper.
- In an HTML document or in online layout, only fonts that are available on screen are offered to you.
- On the other hand, when working with spreadsheets and drawings you will be able to use all of the fonts that can be either printed or shown on the screen.

StarOffice tries to have the display on screen correspond to the printout (WYSIWYG). Possible problems using the font are shown in the bottom margin of the dialog you open by choosing **Format - Character**.

Adding Fonts

You can integrate additional fonts in StarOffice. Fonts which you integrate are available exclusively to StarOffice and can be used with various Xservers without your having to install them there. To make the fonts available to other programs as well, proceed as usual by adding the fonts to your Xserver. StarOffice can display and print out PostScript Type1 fonts as well as TrueType fonts (including TrueType Collections).

To integrate additional fonts in StarOffice, proceed as follows:

1. Start `spadmin`.
2. Click **Fonts**.
3. All fonts added for StarOffice are listed in the dialog that appears. You can remove selected fonts using the **Remove** button or add new fonts with the **Add** button.
4. Click **Add**. The **Add Fonts** dialog appears.

5. Enter the directory from which you want to add the fonts. Press the **...** button and select the directory from the path selection dialog or enter the directory directly.
6. Now a list of the fonts from this directory appears. Select the fonts you want to add. To add all the fonts, click **Select All**.
7. With the **Create soft links only** check box you can determine whether the fonts are to be copied into the StarOffice directory or only symbolic links are to be created there. If the fonts to be added are on a data medium that is not always available (such as a CD-ROM), you must copy the fonts.
8. Click **OK**. The fonts will now be added.

In the case of a network installation, the fonts are installed in that installation if possible. If the user has no write access rights, the fonts will be installed in the user installation so that only the user who installed them can access them.

Deleting Fonts

To delete fonts, proceed as follows:

1. Start `spadmin`.
2. Click **Fonts**.
3. All fonts added to StarOffice are listed in the dialog that now appears. Select the fonts you want to delete and click **Delete**.

You can delete only the fonts that have been added for StarOffice.

Renaming Fonts

You can also rename fonts added for StarOffice. This is especially useful for fonts that contain several localized names (such as an English and a Japanese name). There are also fonts that contain an unreadable name. You can replace this with a suitable name.

1. Start `spadmin`.
2. Click **Fonts**.
3. Select the fonts you want to rename and click **Rename**.
4. Enter a new name in the dialog that appears. If the font contains several names, these names will serve as suggestions in the combo box where you enter the new name.
5. Click **OK**.

If you select several fonts to rename, one dialog appears for each selected font.

If you have selected a TrueType Collection (TTC), one dialog appears for each of the fonts contained in it.

Installing a patch under the Solaris™ Operating Environment

To carry out a correct installation, the system patches described in the chapter System Requirements on page 11 have to be installed. To install a system patch, proceed as described in the following example for patch `#106327-08`. In this example, we assume that the patch is compressed in the file `106327-08.zip`, e.g. after downloading it from http://sunsolve.sun.com.

1. Log in to the system with root access rights:

   ```
   su -
   ```

2. Create a temporary directory for unpacking the compressed patch file, e.g. `/tmp/patches`.

   ```
   mkdir /tmp/patches
   ```

3. Copy the compressed patch file to this directory and unpack it there:

   ```
   unzip 106327-08.zip
   ```

4. Install the patch using the command `patchadd`:

   ```
   patchadd 106327-08
   ```

5. After successful installation of the patch, you can remove the temporary directory:

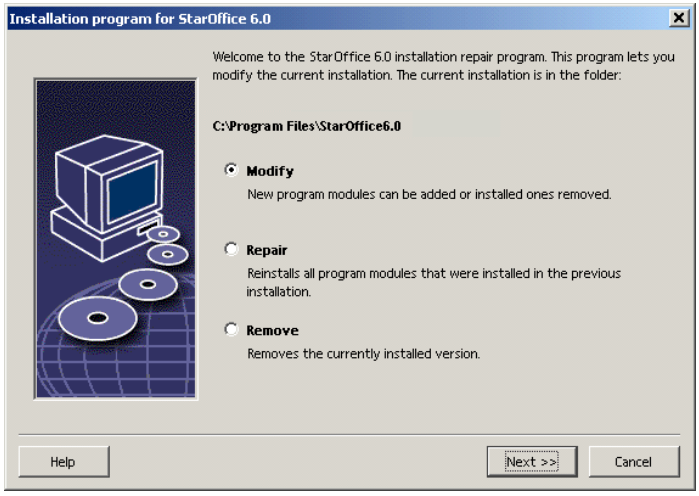
   ```
   rm -rf /tmp/patches
   ```

Use the command `showrev -p` or `patchadd -p` to display a list of the patches already installed on your system. To deinstall a patch, enter the command `patchrm`.

Modifying the StarOffice Installation

Calling the Setup program again after StarOffice is already installed leads you to a dialog that allows you to either modify, repair or remove an existing installation.

You can also call the setup program from the StarOffice CD. If the setup program recognizes a StarOffice installation, it will offer to repair the version on the hard drive.



Modify

If you select the **Modify** option, you will see the same dialog as for the Custom Installation. This dialog enables you to define which StarOffice components you want to add or remove.

The gray boxes represent the components which have not been installed. When you click a gray box, it will become colored indicating that that component will also be installed.

The components that have already been installed have a colored box in front of them. When you click such a box, it will be highlighted by a red mark which indicates that that component will be deleted from the installation.

A plus sign in front of a component indicates that there is a group of components to be found there. To view the whole group, click the plus sign. Now you can select the individual components to install or delete.

Please note that the graphics filters are listed under the "optional components".

Repair

Choose the **Repair** option in the StarOffice Setup program to repair your StarOffice when entries in the system registry are no longer correct. The repair function will try to restore unintentionally deleted program files.

Remove

Deinstallation deletes StarOffice entries contained in the registry of the corresponding operating system and also the files mentioned in the previous paragraph. Furthermore almost all of the files and folders in the StarOffice directory will be deleted except for those that you have created or altered after having installed the program or those needed by the setup program itself. Therefore, your documents and most of the settings will be kept. When working under **Windows** you can activate/ deactivate a check box which decides if files created in the StarOffice folder are also to be deleted or kept.

If you cannot immediately delete some of the program files under Windows, delete them directly after restarting your system.

If you want to delete the server installation on the network, you have to completely delete the entire StarOffice directory on the server. All user installations based on this server will be automatically deactivated.

Setup Parameters

The parameter **-repair** calls the setup program and repairs StarOffice without any dialogs being displayed.

The parameter **-net** or **-n** starts the server part of the network installation.

In the parameter **-D:destination_path** the information you enter in place of "destination_path" specifies the path where StarOffice is to be installed.

In the parameter **-F:application_name** the information you enter in place of "application_name" specifies the name of an application that is to be started immediately after installation.