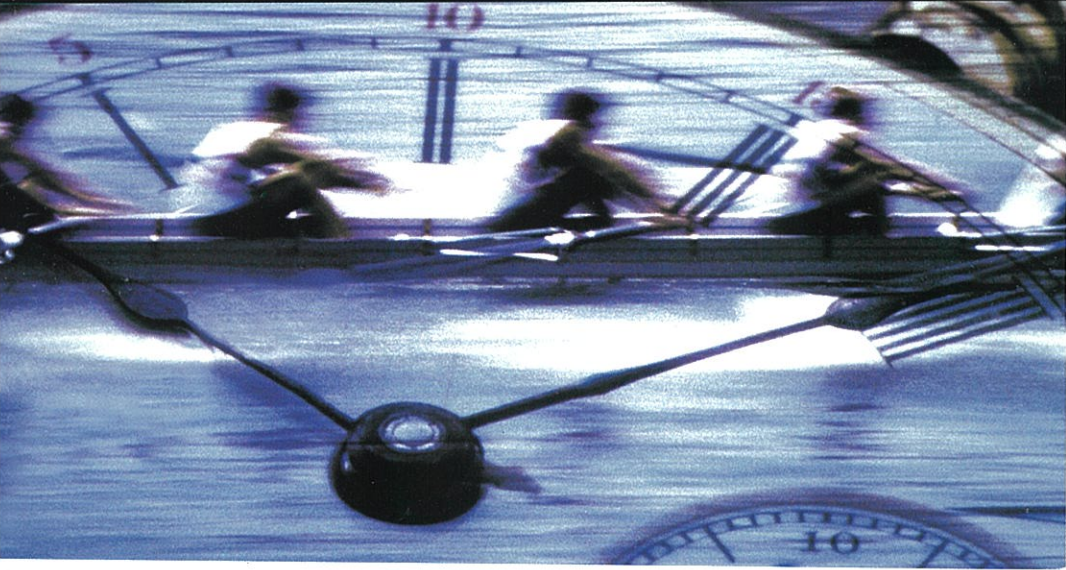


TRY AND BUY

QUICK INSTALL



Sun WorkShop 5



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Sun Microsystems, Inc. 901 San Antonio Road Palo Alto, CA 94303

SUN WORKSHOP™ 5.0

TRY AND BUY QUICK INSTALL

THIS DOCUMENT PROVIDES INFORMATION SO YOU CAN:

1. Check that your system meets the minimum requirements.
2. Request your Sun WorkShop™ 5.0 Try and Buy trial licenses.
3. Install Sun WorkShop 5.0 developer tools.
4. Install your licenses.

CHECKING YOUR SYSTEM

Note – You must have superuser (root) access to the systems where you want to install Sun WorkShop development tools.

Sun WorkShop 5.0 supports Solaris™ 2.5.1, Solaris 2.6, and Solaris 7 *SPARC™ Platform Edition* and *Intel Platform Edition* operating environments.

Table 1 lists system requirements by platform.

Table 1 System Requirements by Platform

	Solaris <i>SPARC Platform Edition</i> 2.5.1 and 2.6		Solaris <i>Intel Platform Edition</i> 2.5.1 and 2.6	
		Solaris 7		Solaris 7
System	Recommended: SPARCstation™ 5	Recommended: Ultra™	Recommended: Pentium/90 MHz	Recommended: Pentium/233 MHz
	Minimum: SPARCstation 10	Minimum: SPARCstation 10	Minimum: 486/50 MHz	Minimum: Pentium/90 MHz
Monitor	1024 x 768 resolution		1024 x 768 resolution; 15" color monitor	
Memory	64 Mbytes, recommended; 32 Mbytes minimum; 80 Mbytes of swap space			

Table 2 lists disk space requirements by platform.

Table 2 Disk Space Requirements in Mbytes by Platform

Product	SPARC Platform 32- and 64-Bit Packages	SPARC Platform 32-Bit Packages	Intel Platform
Sun Visual WorkShop™ C++	298	256	226
Sun Visual WorkShop C++ Personal Edition	298	256	226
Sun Performance WorkShop™ Fortran	419	309	180
Sun Performance WorkShop Fortran Personal Edition	419	309	180
Sun WorkShop Professional™ C	153	140	124
Sun WorkShop™ Compilers C/C++	120	84	70

Table 2 Disk Space Requirements in Mbytes by Platform *(Continued)*

Product	SPARC Platform 32- and 64-Bit Packages	SPARC Platform 32-Bit Packages	Intel Platform
Sun WorkShop™ Compilers Fortran	280	175	59
Sun WorkShop™ TeamWare	29	29	26
Sun WorkShop University Edition	548	408	271
XEmacs Source Distribution	58	58	58
Sun WorkShop AnswerBook2™ Document Collections	10	10	10

REQUESTING YOUR TRY AND BUY LICENSES

1. Put the Sun WorkShop 5.0 CD into your CD-ROM drive.

2. Copy the License Request Form template from the CD to your system by typing:

```
% cd /cdrom/devpro_v6n1_platform
```

```
% cp License_Request_Form filename
```

Replace *platform* with *sparc* if you use the Solaris *SPARC Platform Edition* or *intel* if you use the Solaris *Intel Platform Edition*.

3. Open your copy of the License Request Form, and follow the instructions on the form.

If you ask the Sun License Center to fax your license information to you (in section 2 of the form), you *must* retype the information when you install your licenses; if you ask the Sun License Center to email your license information to you, you do not need to retype it.

4. Contact the Sun License Center nearest you.

Table 3 lists email and fax access information.

Table 3 Sun License Center Email and Fax Access

Location	Email Address	Fax Number
U.S. and Canada	license@Sun.com	+1-801-431-3657
Japan	license@rrd.co.jp	+81-33-227-5239
Europe and all other countries	eu-licensing@UK.sun.com	+31-55-5434644

Table 4 lists telephone access information.

Table 4 Sun License Center Telephone Access

Country	Telephone Number
Austria, Belgium, Denmark, France, Germany, Netherlands, Norway, Switzerland, United Kingdom (except Ireland)	00-800-664-664-66 or +31-55-5434640
Canada	1-800-722-4786 (prompt 3)
Finland	990-800-664-664-66 or +31-55-5434640
Ireland	1-800-552-141
Italy	800-790883
Japan	81-33-227-5217
Spain	900-983-160 or +31-55-5434640
Sweden	009-800-664-664-66 or +31-55-5434640
U.S.	1-800-872-4786 (prompt 3)
Other European countries	+31-55-5434640
All other countries	+1-801-431-1595 (U.S.)

INSTALLING SUN WORKSHOP

1. Decide on a local or remote installation.

In a remote installation, you perform the installation on the machine with the CD-ROM drive where you loaded the Sun WorkShop CD (the *source* computer) and install the software on another machine (the *target* computer). In a local installation, the source and target computers are the same.

2. On the source machine, type the following at a command line:

```
% /usr/openwin/bin/xhost + target-machine
```

Replace *target-machine* with the output of `/usr/bin/hostname` typed at a command line on the target machine.

3. Become a superuser (root) by typing:

```
% su
```

Password: *root-password*

4. Check that Volume Manager is running on your machine by typing the following at a command line:

```
# ps -ef | grep vold
```

If you see an entry that contains `/usr/sbin/vold`, Volume Manager is running on your machine.

- If Volume Manager is running on your machine, skip to step 5.
- If Volume Manager is *not* running on your machine, type:

```
# mkdir -p /cdrom/devpro_v6n1_platform
# mount -F hsfs -r cdrom-device /cdrom/devpro_v6n1_platform
```

An example of *cdrom-device* is */dev/dsk/c0t6d0s2*.

5. Follow the instructions for a local or remote installation.

LOCAL INSTALLATION

a. Set your display.

Replace *hostname* with the output of the */usr/bin/hostname* command in the following commands.

If you use a C shell, type:

```
# setenv DISPLAY hostname:0
```

If you use a Bourne shell, type:

```
# DISPLAY=hostname:0
```

```
# export DISPLAY
```

If you use a Korn shell, type:

```
# export DISPLAY=hostname:0
```

b. Go to the CD by typing:

```
# cd /cdrom/devpro_v6n1_platform
```

c. Skip to step 6.

REMOTE INSTALLATION

- a. Add the following line to the `/etc/dfs/dfstab` file:

```
share -F nfs -o ro /cdrom/devpro_v6n1_platform
```

- b. Find out if your source machine is an NFS™ server by typing:

```
# ps -ef | grep nfsd
```

If you get screen output similar to `/usr/lib/nfs/nfsd`, type:

```
# /usr/sbin/shareall
```

If you do *not* get screen output similar to `/usr/lib/nfs/nfsd`, type:

```
# /etc/init.d/nfs.server start
```

```
# ps -ef | grep nfsd
```

You should then get the `nfsd` screen output. If not, contact your system administrator or your Sun authorized service provider.

- c. Make sure your source machine is exporting your product directory by typing:

```
# /usr/sbin/dfshares
```

Screen output shows the resource and server. See the `dfshares` man page for more information.

- d. Log in to the target machine.

Replace *user* with your user login name (not `root`) and use a lowercase `l` (not the number `1`) in the following command:

```
# rlogin target-machine -l user
```

```
Password: user-password
```

```
% su
```

```
Password: root-password
```

e. Go to the source machine by typing:

```
# cd /net/source-machine/cdrom/devpro_v6n1_platform
```

If you cannot change to that directory and you do not have an automounter on your network, create a mount point on the target machine and mount the product directory by typing:

```
# mkdir /remote_products
```

```
# /usr/sbin/mount -F nfs -r \
```

```
source-machine:/cdrom/devpro_v6n1_platform /remote_products
```

```
# cd /remote_products
```

Note – Do not type the backslash (\). The backslash indicates that the command must be typed as one line.

f. Redirect the target machine display.

If you use a C shell, type:

```
# setenv DISPLAY source-machine:0
```

If you use a Bourne shell, type:

```
# DISPLAY=source-machine:0; export DISPLAY
```

If you use a Korn shell, type:

```
# export DISPLAY=source-machine:0
```

6. Start workshop_install by typing:

```
# ./workshop_install
```

7. When prompted, decide if you want to change the software installation directory from /opt.

After a few moments, the WorkShop Install window opens.

8. Click the checkboxes next to the Sun WorkShop development tools you want to install.

9. For the SPARC platform, decide if you want to install only 32-bit packages or both 32- and 64-bit packages.

Default installation is *both* 32-bit and 64-bit packages. If you want to install only 32-bit packages, deselect the checkbox next to 64-Bit Installation at the bottom of the WorkShop Install window.

10. Click Install in the WorkShop Install window.

Click OK in the pop-up window when installation is complete.

INSTALLING YOUR LICENSES

1. Click **Install Licenses** in the **WorkShop Install** window.

2. Click **OK** in the **lit: Error Message** window.

The **License Installation Tool** window opens.

3. If you received your licenses through email, see **"Email License File Installation"** ; if you received your licenses by fax, see **"Fax License Installation."**

EMAIL LICENSE FILE INSTALLATION

1. **Save to a file the license information you received.**

If you received an email attachment, save only the email attachment to a file on your system. If you received your licenses embedded in an email, strip out the mail headers and the body of the message, and save only the license information to a file on your system.

Caution - If you are using a DOS-based email system, use the `dos2unix` command to convert the license file. If you do not convert the license file, you might not be able to use your developer tools. See the `dos2unix` man page for more information.

2. In the **File** text box in the **License Installation Tool** window, type the path to the file where you saved the license information, or click the browser button (...) to use a file chooser to find the file.

3. Click Load File.

Your licenses appear in the Licenses to be Installed pane.

4. Click Install.

5. Click OK in the lit: Error Message window.

6. Skip to "After Installing Your Licenses."

FAX LICENSE INSTALLATION

Note – Refer to the license information you received from the Sun License Center to complete this section.

1. Click Entered by Hand in the License Installation Tool window.

The Add License window opens.

2. For Demo License, click Yes.

3. Use the Product pulldown menu to select `WorkShop5 . 0` if it is not already selected.

4. Use the Feature Name pulldown menu to select the software for which you want to install a license.

The license information you received from the Sun License Center provides the feature names you need.

5. For Feature Version, verify the software version.

6. For Nodelocked to Host ID, leave the field defined as `demo`.

7. Type the expiration date in dd-mm-yy format (for example, 22-feb-1999) that the Sun License Center provided.
8. For Password, type the password the Sun License Center provided.
9. For Vendor String (VS), type the number the Sun License Center provided.
10. For Password Checksum (PC), verify the number.
If there is a discrepancy, recheck and then contact the Sun License Center.
11. For Data Checksum (DC), verify the number.
If there is a discrepancy, recheck and then contact the Sun License Center.
12. Click Add.
This license is added to the Licenses to be Installed pane in the License Installation Tool window.
13. Repeat step 4 through step 12 as needed to install more licenses.
14. Click Exit in the Add License window.
15. Click Install in the License Installation Tool window.
16. Click OK in the lit: Error Message window.
17. Continue with "After Installing Your Licenses."

AFTER INSTALLING YOUR LICENSES

1. Click Exit in the License Installation Tool window.
2. Click Exit in the WorkShop Install window.
3. Install the required patches by typing the following at a command line:

```
# ./install_required_patches
```

Type help at the prompt, and follow the instructions on the screen. Read the README files in each of the patch directories to understand the fixes addressed by the patches.

4. If you mounted the product directory during a remote installation, unmount by typing:

```
# cd /
```

```
# /usr/sbin/umount /remote_products
```

5. Exit from superuser privileges by typing:

```
# exit
```

6. If you performed a remote installation, follow these steps (if you performed a local installation, skip to step 7):

- a. Exit from the remote machine by typing:

```
# exit
```

- b. Regarding the NFS server, follow these steps if they apply:

If `nfsd` was already running, type the following command:

```
# /usr/sbin/unshare /cdrom/devpro_v6n1_platform
```

If you manually started `nfsd`, stop it by typing:

```
# /etc/init.d/nfs.server stop
```

c. Remove the following line from the `/etc/dfs/dfstab` file:

```
share -F nfs -o ro /cdrom/devpro_v6n1_platform
```

d. Exit from superuser privileges by typing:

```
# exit
```

7. Disable client access by typing:

```
% /usr/openwin/bin/xhost - target-machine
```

Note – Be sure to type the minus sign (-) in the `xhost` command.

8. Review the individual product **README** files located in the top directory of the software you installed.

9. Set your `PATH` and `MANPATH` variables to access this release.

Note – The default *install-directory* is `/opt`. If you installed Sun WorkShop development tools in another directory, replace *install-directory* with your installation directory. Do not type the backslash (\) in any of the paths in this step; the backslash indicates that the path must be typed as one line.

- For C shell—open your `~/.cshrc` file, and add the following at the end of the file:

```
set path=(install-directory/SUNWspro/bin $path)
setenv MANPATH install-directory/SUNWspro/man:\
install-directory/SUNWste/license_tools/man:$MANPATH
```

- For Bourne shell—open your `~/ .profile` file, and add the following at the end of the file:

```
PATH=install-directory/SUNWspro/bin:$PATH
MANPATH=install-directory/SUNWspro/man:\
install-directory/SUNWste/license_tools/man:$MANPATH
export MANPATH PATH
```

- For Korn shell—open your `~/ .profile` file, and add the following at the end of the file:

```
export PATH=install-directory/SUNWspro/bin:$PATH
export MANPATH=install-directory/SUNWspro/man:\
install-directory/SUNWste/license_tools/man:$MANPATH
```

10. Save the `.cshrc` or `.profile` file that you modified in step 9.

11. Reread your shell's initialization files.

For the C shell, type:

```
source ~/.cshrc
```

For the Bourne shell and Korn shell, type:

```
. ~/.profile
```

You are now ready to use your Sun WorkShop development tools.

Sun WorkShop product documentation is available online through the `docs.sun.com` Web site. You can search the archive by subject, by product, or by book title. The URL is `http://docs.sun.com`.

MIGRATING FROM TRY AND BUY SOFTWARE TO PURCHASE

If you purchase Sun WorkShop, you do not need to reinstall your Sun WorkShop 5.0 development tools. You do need to install FLEXlm 6.1 license manager software if you did not install FLEXlm on your license server when you installed your Sun WorkShop Try and Buy development tools. See the installation documentation that comes with your purchased product for more information about migrating from Try and Buy software to purchased software.

REMOVING SUN WORKSHOP

There is a `workshop_uninstall` script available to remove all packages installed during a particular `workshop_install` session. The `workshop_uninstall` script is stored in `/usr/tmp`. If your server regularly purges the `/usr/tmp` directory, you might want to move the `workshop_uninstall` script to another location.

Note – Use the `pkgrm` command to remove individual packages.

To run the `workshop_uninstall` script, follow these steps:

1. Become a superuser (root) by typing:

```
% su
```

```
Password: root-password
```

2. Look at the `/usr/tmp/workshop_install_log.datestamp` file to determine which `workshop_install` session to remove.
datestamp refers to the date and time when the `workshop_install` command was run (you will use *datestamp* in step 3).

3. Run the `workshop_uninstall` script by typing the following:

```
# /usr/tmp/workshop_uninstall-datestamp.sh
```

To display the `workshop_uninstall-datestamp.sh` files, type the following:

```
# ls /usr/tmp/workshop_uninstall*.sh
```

The `workshop_uninstall` script takes no parameters.

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Part No: 804-6417-10