Important Note on New Product Names

As part of Sun's new developer product strategy, we have changed the names of our development tools from Sun WorkShop™ to Forte™ Developer products. The products, as you can see, are the same high-quality products you have come to expect from Sun; the only thing that has changed is the name.

We believe that the Forte™ name blends the traditional quality and focus of Sun's core programming tools with the multi-platform, business application deployment focus of the Forte tools, such as Forte Fusion™ and Forte™ for Java™. The new Forte organization delivers a complete array of tools for end-to-end application development and deployment.

For users of the Sun WorkShop tools, the following is a simple mapping of the old product names in WorkShop 5.0 to the new names in Forte Developer 6.

Old Product Name	New Product Name
Sun Visual WorkShop™ C++	Forte™ C++ Enterprise Edition 6
Sun Visual WorkShop™ C++ Personal Edition	Forte™ C++ Personal Edition 6
Sun Performance WorkShop™ Fortran	Forte™ for High Performance Computing 6
Sun Performance WorkShop™ Fortran Personal Edition	Forte™ Fortran Desktop Edition 6
Sun WorkShop Professional™ C	Forte™ C 6
Sun WorkShop™ University Edition	Forte™ Developer University Edition 6

In addition to the name changes, there have been major changes to two of the products.

- Forte for High Performance Computing contains all the tools formerly found in Sun Performance WorkShop Fortran and now includes the C++ compiler, so High Performance Computing users need to purchase only one product for all their development needs.
- Forte Fortran Desktop Edition is identical to the former Sun Performance WorkShop Personal Edition, except that the Fortran compilers in that product no longer support the creation of automatically parallelized or explicit, directive-based parallel code. This capability is still supported in the Fortran compilers in Forte for High Performance Computing.

We appreciate your continued use of our development products and hope that we can continue to fulfill your needs into the future.

Sun WorkShop 6 update 2 Try and Buy Quick Install After Download

This document provides information so you can:

1. Install your Sun WorkShop™ 6 update 2 developer tools.
2. Remove your Sun WorkShop 6 update 2 developer tools.

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

Installing Sun WorkShop

The following instructions describe how to use the Solaris™ Web Start (Web Start) graphical user interface (GUI).

Note – You must download to your system the Try and Buy (demo) license file and the Sun WorkShop development tools from the World Wide Web before following these instructions.

1. **Decide on a local or remote installation.**

   In a remote installation, the software is downloaded on one machine (the *source* computer) and installed on another machine (the *target* computer). In a local installation, the source computer and the target computer are the same machine.

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. **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. If you have not already done so, go to the download directory on your system where you downloaded the software by typing:

```
# cd download-directory
```

c. Skip to step 5.

Remote Installation

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

```
share -F nfs -o ro download-directory
```

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. Remotely 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/download-directory
```

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:\
download-directory /remote_products
# cd /remote_products
```

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

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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
```

5. **Start the Web Start installer by typing:**

```
# ./installer
```

6. **Press Return.**

   The Welcome window appears.

7. **In the Welcome window, click Next.**

   The 64-Bit Selection window opens. The default selection is 64-bit, which installs 32- and 64-bit packages. If you will be developing on Solaris 7 and 8 *SPARC Platform Edition*, decide if you want to install only 32-bit packages or both 32-bit and 64-bit packages.

   Note – The 64-bit selection window does not appear for an x86 platform installation.

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8. **Click Next to proceed to the Product Selection window.**

   The default selection WS 6 License SW (FLEXlm) installs FLEXlm 7.0b and the License Installation Tools.

   Note – The default selection Solaris patches for Sun WorkShop 6 installs the patches. The Solaris Operating Environment package SUNWlibC contains the C++ runtime support libraries. The SUNWlibC patches included with your WorkShop 6 software support the new WorkShop 6 C++ compiler and need to be installed on every machine where the C++ compiler will run and on every machine where the resulting binary will be executed.

   If you have previously installed patches, installing the default patches will not downgrade your system.

9. **Select the software you want to install by clicking the radio buttons in the Default Install column or Custom Install column.**

10. **Continue through the next screens to install your software.**

11. **Click Install Now in the Ready to Install window.**

12. **Review the messages in the Installation Summary window, then click Exit to quit the Web Start installation.**

13. **Rename the Try and Buy demo license file that you downloaded by typing:**

```
# cp download-directory/license-file \
install-directory/SUNWspro/license_dir/sunpro.lic,node
```

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

Note – The demo license file must be named `sunpro.lic,node` (be sure to include the comma and the period in the name of the demo license file).

Make sure the file's permissions are read only by group and others (`chmod 644`). See the `chmod` man page for information about setting file permissions.

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

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

15. **Exit from superuser privileges by typing:**

```
# exit
```

16. **If you performed a remote installation, follow these steps (if you did not perform a remote installation, skip to step 17):**

    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 download-directory
    ```

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 download-directory
```

d. Exit from superuser privileges by typing:

```
# exit
```

17. Disable client access by typing:

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

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

---

18. Review the `README` files located in the top directory of the software you installed.

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

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

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20. Add Sun WorkShop to your `PATH` and `MANPATH` variables.

- If you are using the C shell (`csh`), first determine if your `MANPATH` variable is already set. At a shell prompt, type the command:

```
% echo $MANPATH
```

If the response is "Undefined variable" (C shell) or an empty line (Bourne/Korn shell), the `MANPATH` variable is not set. If paths to one or more man directories are displayed, the variable is set.

Now edit the `.cshrc` file in your home directory and add the following line at the end of the file:

```
set path=(/opt/SUNWspro/bin  $path)
```

If the `MANPATH` variable is not already set, add the following line:

```
setenv MANPATH   \
/opt/SUNWspro/man:/opt/SUNWste/license_tools/man:/usr/share/man
```

If the `MANPATH` variable is already set, add the following line instead:

```
setenv MANPATH   \
/opt/SUNWspro/man:/opt/SUNWste/license_tools/man:$MANPATH
```

- If you are using the Bourne or Korn shells (`sh` or `ksh`), edit the `.profile` file in your home directory and add the following lines:

```
PATH=/opt/SUNWspro/bin${PATH:+:}${PATH}
MANPATH=   \
/opt/SUNWspro/man:/opt/SUNWste/license_tools/man:  \
  ${MANPATH:=/usr/share/man}
```

There should not be any blanks in these two lines.

21. **Save the `.cshrc` or `.profile` file that you modified in step 20.**
22. **Reinitialize your shell by executing the following command:**
    - For the C shell, type:

```
source ~/.cshrc
```

    - For the Bourne or Korn shell, type:

```
. ~/.profile
```

The `PATH` and `MANPATH` variables must be set to include Sun WorkShop in each user's environment for users to access the installed software.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 6 update 2 development tools. You *do* need to install FLEXlm 7.0b 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

When Sun WorkShop is installed correctly, a Web Start GUI uninstaller is created.

Note – You must run the Web Start uninstaller a separate time for each product you want to remove.

To run the Web Start uninstaller, follow these steps:

1. **Become a superuser (root) by typing:**

```
% su
Password: root-password
```

2. **Go to the product directory by typing:**

```
# cd /var/sadm/prod/com.sun.forte_developer_6_2
```

3. **Run the Web Start uninstall GUI by typing the following:**

```
# /usr/bin/java uninstall_product-name
```

Note – Do not include the `.class` extension when you type the command.

The Web Start uninstall GUI appears. The first window shows you which product will be uninstalled.

4. **Click Next to continue.**
5. **Select Full Uninstallation.**

Note – It is recommended that you do a full uninstallation.

6. **Click Uninstall Now.**
7. **Click Exit to quit the uninstaller.**

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