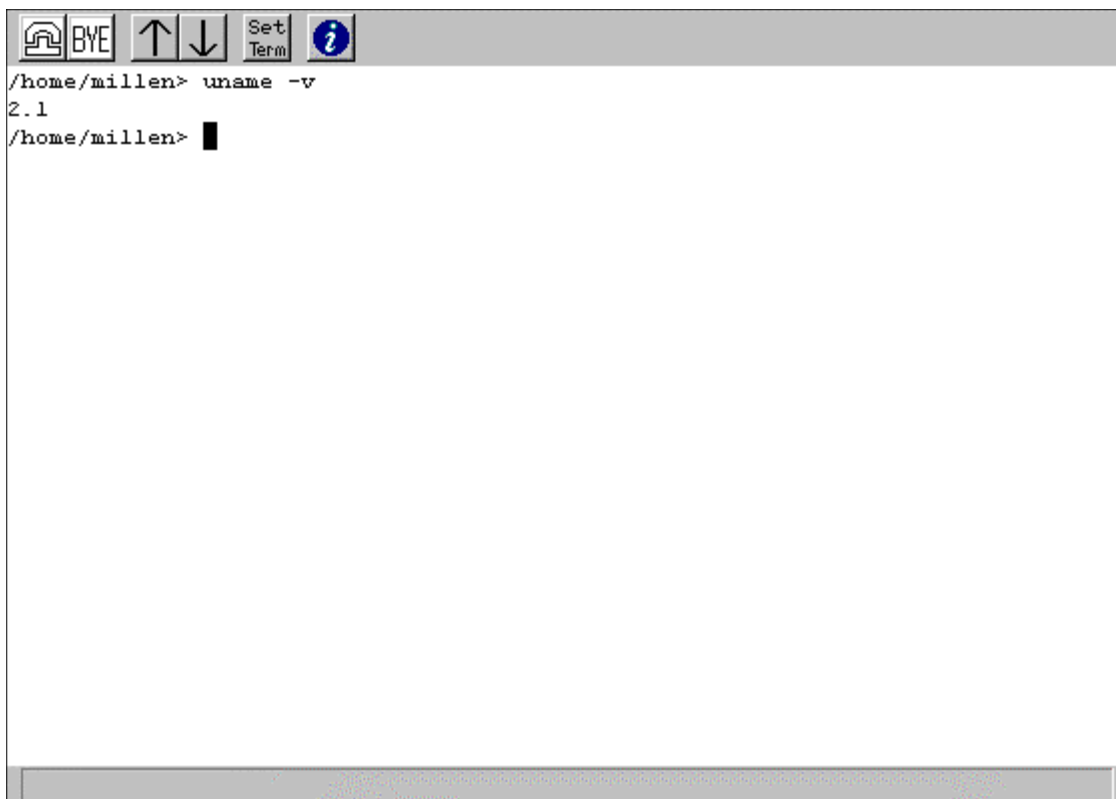


Install UnixWare 2.1.3 Update

The purpose of this document is to instruct a ProHelp™ Millennium user on updating a SCO UnixWare computer from release 2.1 to 2.1.3. **DO NOT perform this update if you are not on SCO UnixWare 2.1.** These instructions are for updating from a CD-ROM only. If your SCO UnixWare computer does not have a CD-ROM drive, notify Mattec Service for information on how to upgrade. For additional information regarding SCO UnixWare 2.1.3, visit SCO's website at www.sco.com. Prior to updating to SCO UnixWare 2.1.3, verify that you have a current backup of your ProHelp™ Millennium data. You can verify this by viewing the backup log located under the FilMan menu in ProHelp™ Millennium. If you have more than one monitoring node and you are updating the main host, be sure to stop the other nodes before starting the update. **Review this entire document prior to performing the upgrade.** If you have any questions regarding the update procedures, please call Mattec Service.

- (1.) Insert the CD labeled *SCO UnixWare 2.1.3 Update*.
- (2.) From the SCO UnixWare desktop, click on the Terminal icon to start a terminal session. This will give you the `/home/millen` or `/home/mattec` prompt depending on which user you logged in as.
- (3.) To view the SCO UnixWare release number, key in the command `uname -v` at the prompt. **It should display 2.1, and if not, DO NOT continue this update.** View the screen below.



```

/home/millen> uname -v
2.1
/home/millen> █
```

- (4.) Stop ProHelp™ Millennium, by keying in `phm_stop` at the command prompt. Wait for the prompt to come back.
- (5.) Become superuser by keying in `su` and then press the **Enter** key. Type in the superuser password then press the **Enter** key. This will give you the `#` prompt.
- (6.) Mount the CD-ROM and run the `pkgadd` install procedure commands as listed below.

```
ls /dev/cdrom <note file listed>
mount -r -Fcdfs /dev/cdrom/<file listed> /mnt
cd /mnt
cat upd213.str | pkgadd -d-
```

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The screen below demonstrates the commands in steps 4, 5, and 6. In this example, the file name **c1b0t010** reads “c”, one, “b”, zero, “t”, zero, lower case “L”, zero. The second last digit will be a letter and not a number. When asked to select the package to process, type **1** for **update213** and then press the **Enter** key.

```
File View Settings Phone Tools Help
[Home] [EYE] [Up] [Down] [Set Term] [Info]
/home/millen> phm_stop
/home/millen> su
Password:
# ls /dev/cdrom
clb0t010
# mount -r -Fcdfs /dev/cdrom/clb0t010 /mnt
# cd /mnt
# cat upd213.str | pkgadd -d-

The following packages are available:
 1 update213      UnixWare Update 2.1.3
                   (386) 1.1

Select package(s) you wish to process (or 'all' to process
all packages). (default: all) [?,??,quit]: █
```

The screen below will appear. Type **1** and then press the **Enter** key to select the choice “**Do not enable Single UNIX...**”

```
-----
UnixWare Update 2.1.3                                X/Open Single UNIX Specification
-----
Beyond the fixes and enhancements normally provided with an update,
UnixWare Update 2.1.3 offers an option to set up your system in
conformance with the X/Open Single UNIX Specification.  This
specification defines behavior which is sometimes different from
that of previous UnixWare systems.  Before choosing this option,
you should review the Installation and Release Notes, and understand
the impact on your system.

The UnixWare Update 2.1.3 Release Notes are installed at:
/etc/inst/locale/C/menus/update213/relnotes

Your choices are:

 1. Do not enable Single UNIX Specification conformance now (default)
 2. Enable Single UNIX Specification conformance now
 3. Cancel the Installation

Please type a number between 1 and 3 followed by 'Enter':

Fl=Help
```


The procedure will then determine what files to save. *Do not enter anything at this point.*

UnixWare Update Backup	Status
Installation in progress. Determining what files to save.	
Please Wait	

The backup will then be in process. *Do not enter anything at this point.*

UnixWare Update Backup	Status
Backup in progress. This will take several minutes.	
Please do not cancel process or remove any media.	
Please Wait	

Application Note

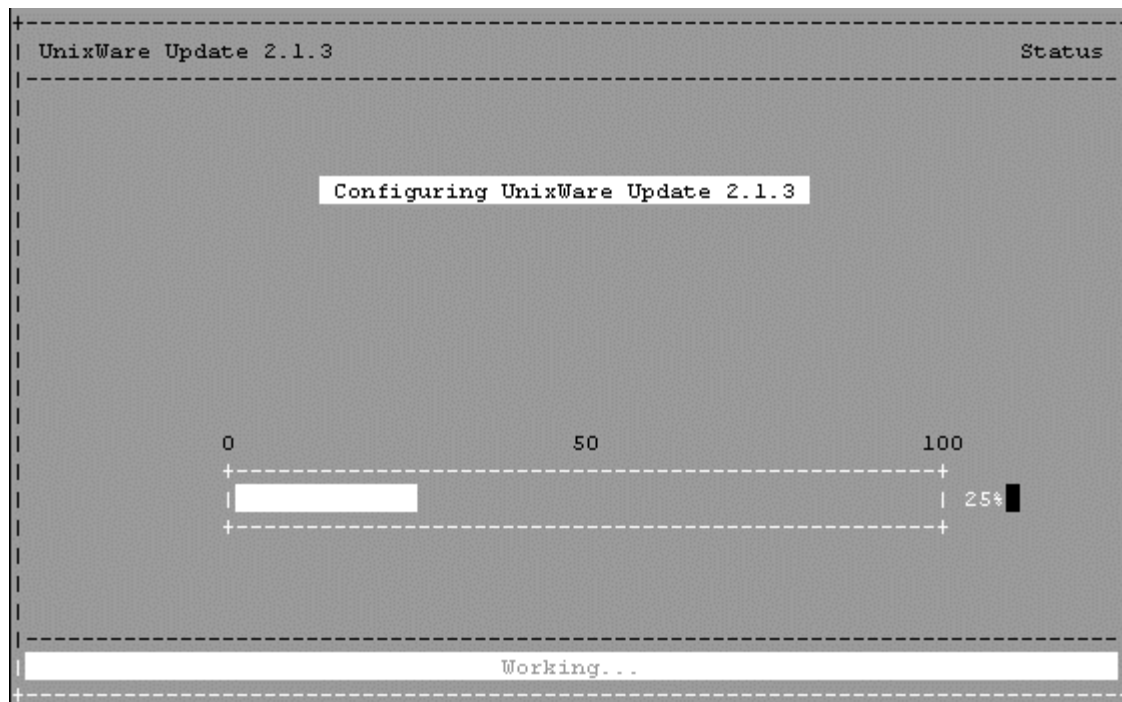
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File names will then begin scrolling on the screen. *Do not enter anything at this point.*

```
/usr/X/lib/display/unisys54xx.256dat
/usr/bin/ftp
## Installing part 25 of 36.
/etc/conf/pack.d/sd01/Driver.o
/etc/conf/pack.d/util/Driver_atup.o
/etc/fs/vxfs/df
/sbin/expr
/usr/lib/fs/sfs/fsck
/usr/lib/fs/vxfs/df
/usr/lib/uucp/uuxcmd
/usr/sadm/install/bin/pkgremove
/usr/ccs/lib/lib-lcurses.ln
/etc/conf/pack.d/tcp/Driver_mp.o
/usr/sbin/in.ftpd
/usr/sbin/named-xfer
/usr/share/man/cat1/mailx.1
/usr/share/man/cat1/sh.1
/etc/inst/nics/drivers/lsl/Driver.o
## Installing part 26 of 36.
/etc/fs/sfs/mkfs
/etc/fs/ufs/mkfs
/etc/fs/vxfs/mount
/sbin/df
/usr/bin/uucp
/usr/lib/█
```

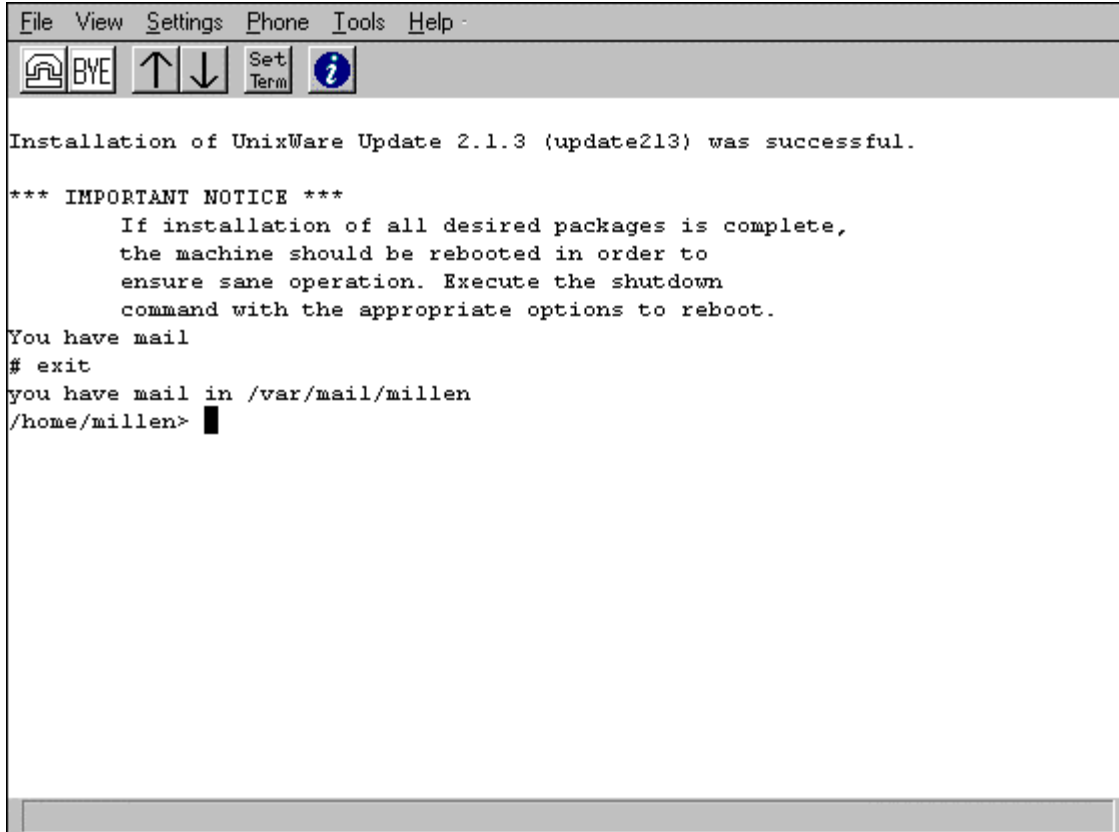
The configuring of UnixWare Update 2.1.3 will then occur. *Do not enter anything at this point.*



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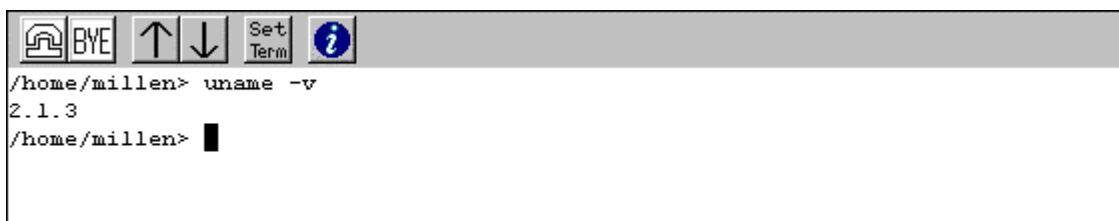
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The installation will then complete and state that it was successful. *If it did not complete successfully, contact Mattec Service.* You will be back at the # prompt. To exit the superuser prompt, type **exit** and then press the **Enter** key. This will put you back to the **/home/millen** or **/home/mattec** prompt. To exit the terminal session, type **exit** and then press the **Enter** key again and it will take you back to the SCO UnixWare desktop.



```
File View Settings Phone Tools Help
[Home] [BYE] [↑] [↓] [Set Term] [i]
Installation of UnixWare Update 2.1.3 (update213) was successful.
*** IMPORTANT NOTICE ***
    If installation of all desired packages is complete,
    the machine should be rebooted in order to
    ensure sane operation. Execute the shutdown
    command with the appropriate options to reboot.
You have mail
# exit
you have mail in /var/mail/millen
/home/millen> █
```

- (7.) From the SCO UnixWare desktop, locate the Shutdown icon and click on it to reboot the computer.
- (8.) The SCO UnixWare Kernel will be rebuilt when the computer reboots and then the log in screen will appear. Log back in as either user **mattec** or **millen** to get to the UnixWare desktop.
- (9.) Locate the terminal prompt and click on it to start a new terminal session. To view the SCO UnixWare release number to check the success of the update, key in the command **uname -v** at the prompt. *It should display 2.1.3 as shown below. If not, contact Mattec Service.*

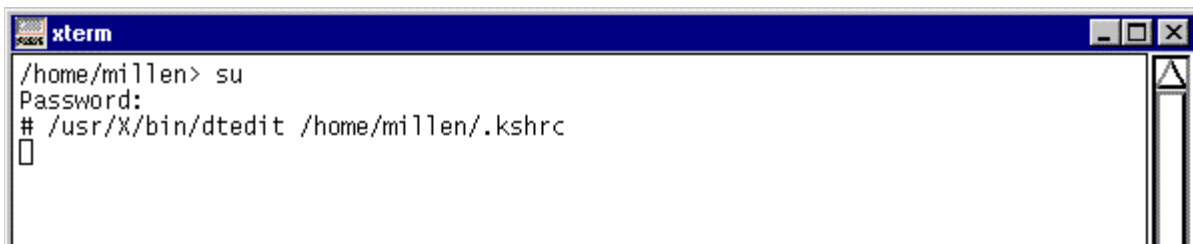


```
[Home] [BYE] [↑] [↓] [Set Term] [i]
/home/millen> uname -v
2.1.3
/home/millen> █
```

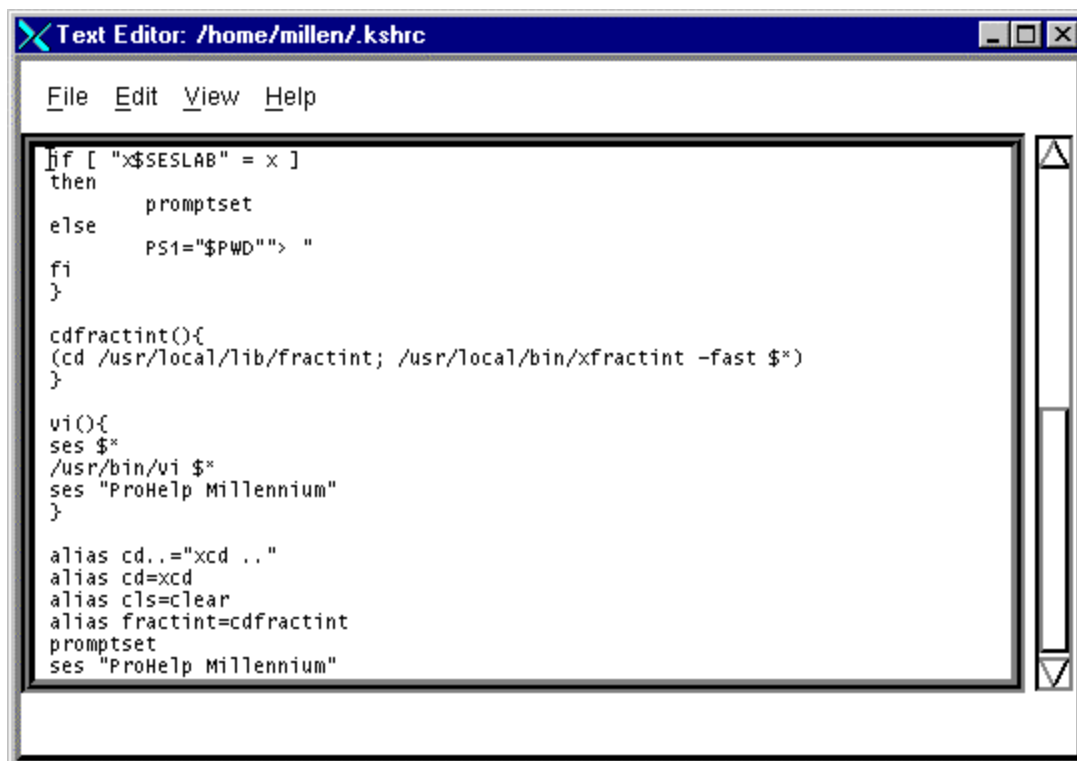
- (10.) The last instruction is to edit the files `/home/millen/.kshrc` and `/home/mattec/.kshrc`. Both ProHelp users have this filename in their home directory and both must be edited regardless of how you are currently logged in. The files must be edited due to a potential problem that could occur with the UnixWare Task Scheduler (UnixWare **crontab** file). You should still be at the terminal prompt from the last step. If not, click on the Terminal icon from the UnixWare desktop. If you are not in the `/home/millen` directory, type `cd /home/millen` then press the **Enter** key. Become superuser by entering `su` and then press **Enter**, then key in the **superuser** password then press **Enter**. At the `#` prompt, key in the following command:

```
/usr/X/bin/dtedit /home/millen/.kshrc
```

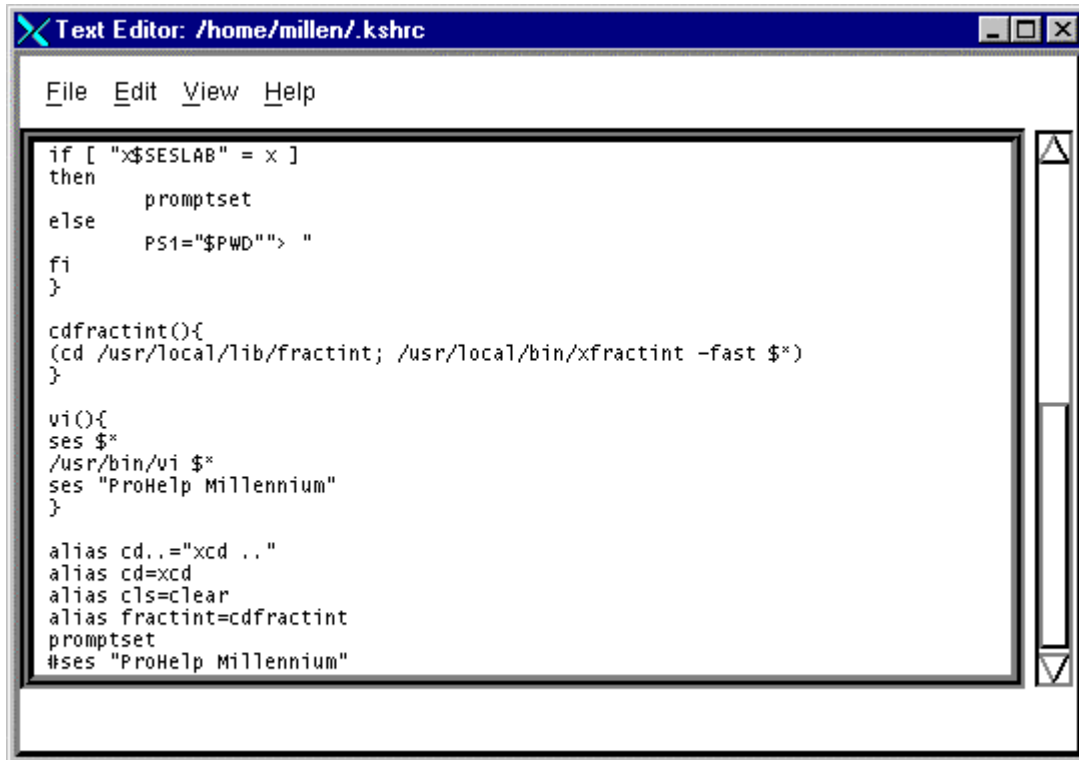
This command will load the **dtedit** editor with the `/home/millen/.kshrc` file loaded into it for editing. View the example below.



The editor will appear on the screen showing the contents of the file. Press the **Page Down** key once to go the end of the file. The last line should read `ses "Prohelp Millennium"`. Using the mouse, point and click to place the cursor at the beginning of this line. Key in a `#` sign at the cursor location. The line should now read `#ses "ProHelp Millennium"` The `#` sign comments out the line so it is not executed.



The file should now look like the screen below.



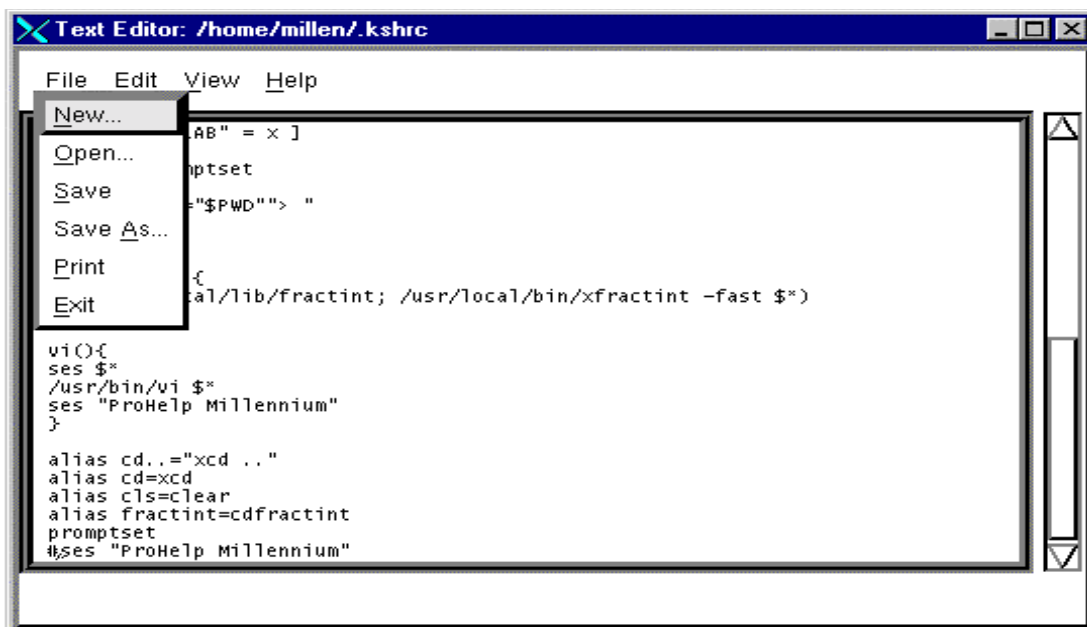
```
Text Editor: /home/millen/.kshrc
File Edit View Help
if [ "$SES LAB" = x ]
then
    promptset
else
    PS1="$PWD"> "
fi
}

cdfractint(){
(cd /usr/local/lib/fractint; /usr/local/bin/xfractint -fast $*)
}

vi(){
ses $*
/usr/bin/vi $*
ses "ProHelp Millennium"
}

alias cd..="xcd .."
alias cd=xcd
alias cls=clear
alias fractint=cdfractint
promptset
#ses "ProHelp Millennium"
```

To save the change, point and click the mouse on **File** to view the pull down menu. Click **Save**. Then click the **File** menu to select **Exit** to close the editor. Then type **exit** at the # prompt, then **exit** at the terminal prompt to get back to the UnixWare desktop. This completes the change for user **millen**.



```
Text Editor: /home/millen/.kshrc
File Edit View Help
New...
Open...
Save
Save As...
Print
Exit
LAB" = x ]
ptset
="$PWD"> "
{
al/lib/fractint; /usr/local/bin/xfractint -fast $*)

vi(){
ses $*
/usr/bin/vi $*
ses "ProHelp Millennium"
}

alias cd..="xcd .."
alias cd=xcd
alias cls=clear
alias fractint=cdfractint
promptset
#ses "ProHelp Millennium"
```

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The same change must be made for user mattec. You should now be at the UnixWare desktop. Click on the Terminal icon to get to a terminal prompt. If you are not in the **/home/mattec** directory, type **cd /home/mattec** then press the **Enter** key. Become superuser by entering **su** and then press **Enter**, then key in the **superuser** password then press **Enter**. At the # prompt, key in the following command. Note that “millen” has been replaced with “mattec”.

```
/usr/X/bin/dtedit /home/mattec/.kshrc
```

The remaining steps to add the # sign to the beginning of the line *ses “ProHelp Millennium”* are identical to the above instructions for user **millen**. When completed, key in **exit** at the superuser # prompt, then key in **exit** again at the terminal prompt to return to the UnixWare desktop. **THE UPDATE IS NOW COMPLETE!** If you have any questions regarding this update, please contact Mattec Service.

For additional information regarding Mattec products and services, visit us at:

www.mattec.com