

Web

Web Linux

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- [Linux](#)

SOAtest " " Web

soatestcli SOAtest Web soatestcli -browserTestsVisible ([soatestcli](#))

- 1.
2. []

Linux

Linux Web SOAtest X X Xvfb SOAtest Linux Xvfb (Xvfb_Linux) Xvfb

```
/usr/bin/Xvfb
/usr/X11R6/bin/Xvfb /usr/X/bin/Xvfb
/usr/openwin/bin/Xvfb
```

Xvfb SOAtest Xvfb SOAtest Xvfb

Xvfb SOAtest \$DISPLAY SOAtest GUI GUI SOAtest Xvfb [] SOAtest Firefox Web

SOAtest Svfb

SOAtest Xvfb Xvfb

(1) display :20 Xvfb

:20 display

```
$ cd /path/to/soatest/plugins/com.parasoft.xtest.libs.web_[version]/root
$ ./Xvfb_Linux :20 -ac
```

X Fedora Core Xvfb_Linux

```
Couldn't open RGB_DB '/usr/X11R6/lib/X11/rgb'
error opening security policy file /usr/X11R6/lib/X11/xserver/SecurityPolicy
Could not init font path element /usr/X11R6/lib/X11/fonts/misc/, removing from list!
Could not init font path element /usr/X11R6/lib/X11/fonts/Speedo/, removing from list!
Could not init font path element /usr/X11R6/lib/X11/fonts/Type1/, removing from list!
Could not init font path element /usr/X11R6/lib/X11/fonts/CID/, removing from list!
Could not init font path element /usr/X11R6/lib/X11/fonts/75dpi/, removing from list!
Could not init font path element /usr/X11R6/lib/X11/fonts/100dpi/, removing from list!
```

```
Fatal server error:
could not open default font 'fixed'
```

(2) Xvfb X

Fedora Core

```
$ ./Xvfb_Linux -ac -sp /usr/lib/xserver/SecurityPolicy -fp /usr/share/X11/fonts/misc -co /usr/share/X11/rgb -
screen 0 1024x768x24 :20
```

A virtual frame buffer is now running on display :20.

(3) X

```
$ xclock -display :20 &
display :20 display :20
$ xwd -display :20 -root | xwud
xwd(1) xwud(1) man
```

(4) Firefox

```
$ firefox --display :20
xwd/xwud Firefox
$ xwd -display :20 -root | xwud
Xvfb X Firefox SOAtest Cairo (2D ) Linux Cairo 8
```

SOAtest Xvfb

```
Xvfb SOAtest Xvfb Xvfb_Linux SOAtest Xvfb
```

(1) /path/to/soatest/plugins/com.parasoft.xtest.libs.web_[version]/root Xvfb_Linux Xvfb_Linux.bin

```
$ mv Xvfb_Linux Xvfb_Linux.bin
```

(2) Xvfb_Linux.bin Xvfb_Linux.sh

Fedora Core

```
-----
#!/bin/sh

# Use $@ to pass along any argument specified by SOAtest.
# The $@ will include the display on which to run the server.
# Currently this is always display :32.  You can override this
# by adding another display number as the last argument.

# There can be problems with graphics libraries if you do
# not set the display depth to greater than 8 using the
# -screen argument.

# Make sure to run Xvfb with 'exec' so that SOAtest will
# kill the correct process.

XVFB_DIR=`dirname $0`
exec ${XVFB_DIR}/Xvfb_Linux.bin \
    -ac \
    -sp /usr/lib/xserver/SecurityPolicy \    -fp /usr/share/X11/fonts/misc \
    -co /usr/share/X11/rgb \
    -screen 0 1024x768x24 \
    $@
-----
```

(3) Xvfb_Linux.sh

```
$ ln -s Xvfb_Linux.sh Xvfb_Linux
SOAtest Xvfb_Linux Xvfb_Linux.bin
Xvfb_Linux SAOtest Xvfb
```

(4) Web

```
SOAtest ps(1) Xvfb_Linux.bin xwd/xwud Firefox (SOAtest Firefox)
$ ps -ef | grep Xvfb
$ xwd -display :32 -root | xwud
```

Xvfb xwd(1)