

Pliki konfiguracyjne X-Windows

- X11 - .Xresources, .xinitrc, .xsession
- OpenWindows - .Xdefaults, .desksetdefaults, .openwin-init, .openwin-menu

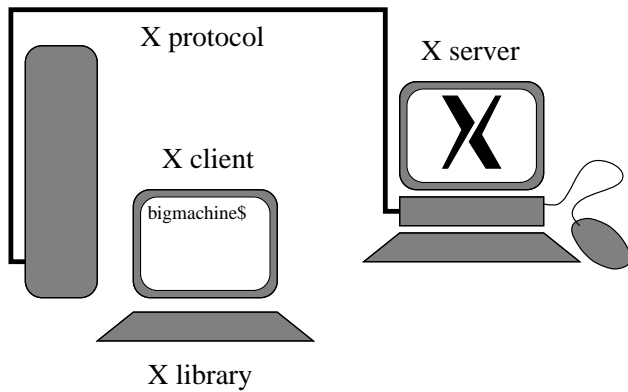
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.Xresources

```
XTerm*tek4014*fontLarge: 9x15
XTerm*tek4014*font2: 8x13
XTerm*tek4014*font3: 6x13
XTerm*cursorColor: blue
Mosaic*homeDocument: http://www.ia.pw.edu.pl/~jurek/
```

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Zasada działania X11



X11R5

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.xinitrc

```
#!/bin/sh
xconsole -geometry 573x63+0+0 -fn 5x7 &
xterm -geometry 94x53+0+88 &
xterm -geometry 94x53+0+88 &
xclock -geometry 78x78-0+0 &
xbiff -geometry 78x78-86+0 &
xman -geometry 118x78-172+0 &
exec twm
```

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.Xdefaults

```
OpenWindows.WorkspaceColor:    #40a0c0
OpenWindows.IconLocation:      bottom
```

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.openwin-init

```
#!/bin/sh
# .openwin-init - OpenWindows initialization script.
# WARNING: This file is automatically generated.
#         Any changes you make here will be lost!
cmdtool  -Wp  0  0 -Ws 566 78 -WP  3  4 +Wi-C &
clock    -Wp 1042 0 -Ws 100 90 -WP 1060 3 +Wi &
shelltool -Wp 576 110 -Ws 566 693 -WP 371 832 +Wi &
shelltool -Wp  0 109 -Ws 566 693 -WP 298 833 +Wi &
cm       -Wp  90 90 -Ws 640 690 -WP 900  0 -Wi &
filemgr  -Wp  0 120 -Ws 590 300 -WP  78 848 -Wi &
mailtool -Wp 180 180 -Ws 589 252 -WP 152 833 -Wi &
```

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.desksetdefaults

```
deskset.filemgr.shellToolName: cmdtool
deskset.filemgr.sortType: name
deskset.filemgr.treeDirectionVertical: true
deskset.filemgr.windowIconYPosition: 0
deskset.filemgr.wastebasketClosed: false
deskset.filemgr.wastebasketWindowXPosition: 646
deskset.filemgr.windowWindowYPosition: 120
deskset.filemgr.treeView: false
deskset.calendar.Upgrade: true
```

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.openwin-menu

```
#         OpenWindows root menu file
"Workspace" TITLE
"Programs"      DEFAULT INCLUDE openwin-menu-programs
"Utilities"     INCLUDE openwin-menu-utilities
"Properties..." PROPERTIES
SEPARATOR
"Workstation Info..." exec $OPENWINHOME/bin/wsinfo
SEPARATOR
"Exit..."     EXIT
```

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Pliki konfiguracyjne programu **x**dm

- x**dm-**config** – plik definiujący ścieżki do pozostałych plików
- X**startup – skrypt wykonywany z prawami root'a po zalogowaniu użytkownika
- X**servers – plik definiujący na jakich ekranach należy wystartować serwery
- X**session – skrypt wykonywany po zalogowaniu użytkownika z jego prawami
- X**resources – plik definiujący standardowe zasoby
- X**access – plik definiujący z jakie maszyny mają prawo otworzyć sesje

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Plik – Xstartup

```
#!/bin/sh
#
# Xstartup
#
# This program is run as root after the user is verified
#
if [ -f /etc/nologin ]; then
exit 1
fi
exit 0
```

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Plik – xdm-config

```
DisplayManager.servers:      /usr/local/xinit/Xservers
DisplayManager.errorLogFile: /var/tmp/xdm-errors
DisplayManager*resources:    /usr/local/xinit/Xresources
DisplayManager*startup:      /usr/local/xinit/Xstartup
DisplayManager*session:      /usr/local/xinit/Xsession
DisplayManager.pidFile:      /var/tmp/xdm-pid
DisplayManager._0.authorize:  true
DisplayManager*authorize:    false
DisplayManager.authDir:      /var/tmp
DisplayManager.*.chooser:    /opt/X11R5/lib/X11/xdm/chooser
DisplayManager.*.xrdp:       /opt/X11R5/bin/xrdp
DisplayManager.*.userPath:    /opt/X11R5/bin:/usr/bin:/usr/sbin
DisplayManager.*.systemPath: /opt/X11R5/bin:/usr/bin:/usr/sbin
DisplayManager.accessFile:    /usr/local/xinit/Xaccess
```

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Plik – Xservers

```
# Xservers file, workstation prototype
#
# This file should contain an entry to start the server on the
# local display; if you have more than one display (not screen),
# you can add entries to the list (one per line). If you also
# have some X terminals connected which do not support XDMCP,
# you can add them here as well. Each X terminal line should
# look like:
# XTerminalName:0 foreign
#
#:0 Local local /usr/openwin/lib/xdm/StartOW :0
```

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Plik – Xsession

```
#!/bin/sh
startup=$HOME/.xsession
resources=$HOME/.Xresources

if [ -f $startup ]; then
    exec /bin/sh $startup
else
    if [ ! -f $resources ]; then
        resources=$HOME/.Xdefaults
    fi
    if [ -f $resources ]; then
        xrdp -load $resources
    fi
    . /usr/local/xinit/x11-init
    exec twm
fi
```

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Plik – Xaccess

```
* #any host can get a login window

#terminal-a host-a

* CHOOSER BROADCAST #any indirect host can get a chooser

#%hostlist host-a host-b
** CHOOSER %hostlist #
```

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Plik – Xresources

```
xlogin*greeting: Welcome To X11
xlogin*namePrompt: login:\
xlogin*fail: Login incorrect
#ifdef COLOR
#xlogin*greetColor: #f63
xlogin*greetColor: blue
xlogin*failColor: red
*Foreground: white
*Background: grey
#else
xlogin*Foreground: black
xlogin*Background: white
#endif
XConsole.text.geometry: 480x130
```

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Metody autoryzacji

xhost	/etc/Xn.hosts
	xhost
MIT-MAGIC-COOKIE-1	\$HOME/.Xauthority
	xauth
XDM-AUTHORIZATION-1	= MIT-MAGIC-COOKIE-1 + DES
SUN-DES-1	Secure RPC + NIS/NIS+

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Autoryzacja przy pomocy programu xhost

```
dss<jurek>(1)$ xhost + twins
twins being added to access control list
dss<jurek>(2)$ rlogin twins
Last login: Tue May 14 19:30:36 from dss

twins<jurek>(1)$ export DISPLAY=dss:0.0
twins<jurek>(2)$ xeyes &
[1] 15986
```

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Autoryzacja SUN-DES-1

```
dss<jurek>(1)$ xauth add $DISPLAY SUN-DES-1\
                    unix.203@ia.pw.edu.pl
dss<jurek>(2)$ xhost +janusz@ +unix.twins@
dss<jurek>(3)$ xhost -dss -localhost
```

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Autoryzacja MIT-MAGIC-COOKIE

```
dss<jurek>(1)$ xauth extract - $DISPLAY \
                | rsh twins xauth merge -
dss<jurek>(2)$ rlogin twins
Last login: Tue May 14 19:30:36 from dss

twins<jurek>(1)$ export DISPLAY=dss:0.0
twins<jurek>(2)$ xeyes &
[1] 15986
```

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