

Homework #06

Building your FreeBSD Desktop

What did you do when you turn on your computer ?

- ◎ Browse some web pages ?
- ◎ MSN with your friend ?
- ◎ Play some games ?
- ◎ Write some program ?
- ◎ Do your SA homework !?
- ◎ FreeBSD can provide you all these things!

Xwindow

- ◎ Graphical engine for un*x system.
- ◎ Some useful information:
 - > <http://www.x.org/wiki/>
 - > <http://www.freebsd.org/doc/en/books/handbook/x11.html>
 - > <http://chinsan2.twbbs.org/zh-tut/>
 - > <http://www.twbsd.org/cht/book/ch11.htm>

Window Manager

- Xfce
- Gnome
- KDE
- IceWM
- Afterstep

Software

- ◎ Terminal
 - > roxterm
 - > eterm
 - > aterm
 - > rxvt
 - > xterm

Software

- ◎ BBS client
 - > telnet/ssh !
 - > pcmanx
- ◎ Browsers
 - > firefox2/firefox3/mozilla
 - > opera
 - > w3m-img !

Software

- ◎ FTP client
 - > ftp/ncftp/lftp
 - > filezilla
- ◎ PDF reader
 - > xpdf
 - > Acrobat PDF reader
- ◎ Pictures editor/viewer
 - > gimp
 - > comix

Software

- ◎ P2P
 - > mldonkey
 - > transmission
- ◎ Remote desktop
 - > tsclient
 - > rdesktop
 - > Tightvnc
- ◎ Screenshot
 - > gimp
 - > gsnapshot

Software

- ◎ Multimedia !
 - > xmms
 - > mplayer
 - > bmpx
 - > beep-media-player
- ◎ Instant Messenger
 - > pidgin
- ◎ Mail client
 - > thunder bird
 - > evolution

Software

- ⦿ Input method
 - > xcin
 - > gcin
 - > scim
- ⦿ Office
 - > Openoffice
 - > koffice
 - > staroffice

Software

- ◎ Games!

- > /usr/ports/games
- > wine/qemu (windows emulators!)

- ◎ dictionary

- > /usr/ports/chinese/

- ◎ Fonts

- > /usr/ports/chinese/
- > /usr/ports/x11-fonts/

Software - Bonus

- ◎ Programming IDE

- > Introduce your own programming IDE (xxgdb + vim + valgrind)

- ◎ Other miscs

- > IPOD support
- > Wireless support
- > Anything you will do during your daily life with FreeBSD !

Grading Policy

- ◎ Your desktop should support chinese environment.
- ◎ Basic X system: 10%
- ◎ Window manager: 20%

Grading Policy

- ◎ Software – Rank **B**: (at most 60%)
 - > Terminal: **0~3%**
 - > BBS client: **0~2%**
 - > ftp: **0~2%**
 - > Screenshot: **0~2%**
 - > IM-software: **0~3%**
 - > Mail client: **0~3%**
 - > Input method: **0~3%**
 - > Dictionary: **0~3%**
 - > PDF reader: **0~3%**

Grading Policy

- ◎ Software – Rank **A**: (at most 60%)
 - > Browser: **0~8%** (depend on your plug-ins)
 - > Picture editor and viewer: **0~5%**
 - > P2P: **0~5%**
 - > Remote desktop: **0~5%**
 - > Fonts: **0~5%**
 - > CD/DVD burner: **0~5%**

Grading Policy

- ◎ Software – Rank **S**: (at most 60%)
 - > Games: **0~15%**
 - > Multimedia environment: **0~10%**
 - > Office system: **0~10%**
 - > Other miscs: **0~10%**

Grading Policy

- ◎ Software – Bonus (at most 30%)
 - > Your programming IDE (GUI): **0~15%**
 - > Other miscs: **0~30%**

Hand in

- ◎ Send a email along with a snapshot of your desktop to `hwk6@sysadm.cs.nctu.edu.tw`
- ◎ Snapshot content are not limited, surprise us with your best work!
- ◎ You will also need to come to CSCC and show your “personal” desktop to us!