



# System Administration Practice

## Homework 1-2 : X Window System

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lctseng

# References

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## ❑ Some useful information:

- ❑ <http://www.x.org/wiki/>
- ❑ <http://www.freebsd.org/doc/en/books/handbook/x11.html>
- ❑ <http://www.twbsd.org/cht/book/ch11.htm>

# Requirements

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- Basic system
  - Build a basic X Server and Window Manager and **Wine**
- Software Rank B
- Software Rank A
- Software Rank S
- Bonus
- Choose to install **one** application for each category
  - You still can install more than one for precaution
  - \* **for recommended**

# Software Rank B

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- ❑ Terminal

  - ❑ rxvt

  - ❑ **xterm\***

  - ❑ eterm

  - ❑ aterm

- ❑ FTP client

  - ❑ **filezilla\***

- ❑ Mail client

  - ❑ **Thunderbird\***

  - ❑ Evolution

- ❑ Instant Messenger

  - ❑ **pidgin\***

- ❑ PDF reader

  - ❑ **Xpdf \***

  - ❑ evince

  - ❑ mupdf

- ❑ Browser

  - ❑ **Firefox\***

  - ❑ Opera

  - ❑ Chromium

# Software Rank A

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- Browser
  - (with Flash support)
  - Firefox\*
  - Opera
  - Chromium
- Multimedia : Video, Audio
  - Mplayer\*
  - VLC
  - Xmms
- BBS client
  - pccmanx\*
- Pictures editor/viewer
  - Gimp\*
- Remote desktop
  - freeNX\*
    - (32bits only)
  - tightvnc
  - tigervnc
  - Tsclient
  - Remmina
  - vinagre

# Software Rank S

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- ❑ Office
  - ❑ openoffice
  - ❑ **libreoffice\***
- ❑ Virtual Machine
  - ❑ **virtualbox-ose\***
  - ❑ qemu
- ❑ P2P software
  - ❑ **transmission\***
  - ❑ deluge

# Bonus

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- ❑ IDE Environment
  - ❑ Code::Blocks
  - ❑ geany
- ❑ Games (in Wine)
- ❑ Misc
  - ❑ applications which cannot be built up easily

# Due Day

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- ❑ Will be announced in HW1-3
- ❑ Important! DO NOT use **root** account when demonstrating your homework!
  - ❑ Try to use **normal user with sudo** when doing your homework



# Help!

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- Newsgroup `cs.course.sysadm`
- BS2 board `CS-SysAdmin`
- CSCC
- `ta@nasa.cs.nctu.edu.tw`
- IRC channel `#nctuNASA` on freenode

