Installing Ubuntu Linux

UIC Linux Users Group

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Preparing to install

- Defrag hard drive
- BACK UP YOUR COMPUTER!
- Put in disk (Do this before shutting down!)
- Perform a clean shutdown
Each operating system that you put on your computer needs a separate division of your hard drive. These divisions are called partitions.

Different ways to configure:

- installing Ubuntu with Windows already installed
- clean install of Windows and Ubuntu
- clean install of Ubuntu
- Wubi
Booting Screen

GNU GRUB  version 1.97~beta4

Ubuntu, Linux 2.6.31-14-generic
Ubuntu, Linux 2.6.31-14-generic (recovery mode)
Memory test (memtest86+)
Memory test (memtest86+, serial console 115200)
Windows 7 (loader) (on /dev/sda1)
Windows 7 (loader) (on /dev/sda5)

Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the commands before booting or 'c' for a command-line.

The highlighted entry will be booted automatically in 7s.
And now a live demo!
Oh crap, what happened? (install issues)

- Graphics
- Wireless

Step One if you have problems: wait until you update. Step Two: Remember, Google is your best friend. If he fails you, then try the listserv.
Proprietary vs. Free

If the system doesn’t automatically prompt you for drivers after installation, then you can find it at System⇒Administration⇒Hardware Drivers. Most of the free drivers should work out of the box. You may prefer free drivers, but sometimes you just have to use proprietary.
Firefox

- Same great browser
- Firefox sync addon to keep windows and linux sessions connected
Open Office

- Same as windows version
- Mostly compatible with MS Office
- More compatible with .docx than some versions of MS Office
- This is what is installed on the Linux lab machines
Empathy

Empathy is the default Instant Messaging client in ubuntu. It is accessible through the taskbar. Many users (mostly the cool ones) prefer pidgin.
Pidgin

- Supports AIM, MSN, yahoo, and many others
- Supports UIC’s internal Instant messaging service (jabber)
- After installation, pidgin is integrated into the taskbar
aptitude command

- aptitude search
- aptitude install
  - a quick word about sudo access!
- aptitude remove
  - also needs sudo

Aptitude is good for when you know what you want to install.
Ubuntu Software Center

Ubuntu Software Center is good for browsing for free software. You can also see a list of installed programs here.
DIY installations

- Why? when you have aptitude and U.S.C
- tar is kind of like zip
- Installing checkinstall will make your life easier
- ./configure
- make
- sudo checkinstall –install
DIY Uninstallations

- sudo dpkg -r packageNameGoesHere
- This command should be able to uninstall anything you installed using the 3 methods
Free install cd’s

Use these as much as you want; share as much as you want.
Download the disk image

The install disk is a free download from http://ubuntu.com.
Burn it.
Use it.