# Installing Ubuntu Linux

UIC Linux Users Group

September 7, 2010

Preparing and Installation
Install Issues
Out of the Box Software
Installing and Uninstalling
Getting Ubuntu

Prepare Notes
Partitions
Booting Screen
Installing Ubuntu

## Preparing to install

- ▶ Defrag hard drive
- ▶ BACK UP YOUR COMPUTER!
- ▶ Put in disk (Do this before shutting down!)
- ▶ Perform a clean shutdown

Preparing and Installation
Install Issues
Out of the Box Software
Installing and Uninstalling
Getting Ubuntu

Prepare Notes
**Partitions**
Booting Screen
Installing Ubuntu

## Partitions

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

Preparing and Installation
Install Issues
Out of the Box Software
Installing and Uninstalling
Getting Ubuntu

Prepare Notes
Partitions
Booting Screen
Installing Ubuntu

# Booting Screen

**Preparing and Installation**
Install Issues
Out of the Box Software
Installing and Uninstalling
Getting Ubuntu

Prepare Notes
Partitions
Booting Screen
**Installing Ubuntu**

And now a live demo!

Preparing and Installation
**Install Issues**
Out of the Box Software
Installing and Uninstalling
Getting Ubuntu

**This looks weird.**
Drivers

# 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.

Preparing and Installation
**Install Issues**
Out of the Box Software
Installing and Uninstalling
Getting Ubuntu

This looks weird.
**Drivers**

## 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.

Preparing and Installation
Install Issues
**Out of the Box Software**
Installing and Uninstalling
Getting Ubuntu

Firefox
Open Office
Empathy

# Firefox

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

Preparing and Installation
Install Issues
**Out of the Box Software**
Installing and Uninstalling
Getting Ubuntu

Firefox
Open Office
Empathy

## 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

Preparing and Installation
Install Issues
**Out of the Box Software**
Installing and Uninstalling
Getting Ubuntu

Firefox
Open Office
**Empathy**

## Empathy

Empathy is the default Instant Messaging client in ubuntu. It is accessible through the taskbar.

Many users (mostly the cool ones) prefer pidgin.

Preparing and Installation
Install Issues
**Out of the Box Software**
Installing and Uninstalling
Getting Ubuntu

Firefox
Open Office
**Empathy**

## Pidgin

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

Preparing and Installation
Install Issues
Out of the Box Software
**Installing and Uninstalling**
Getting Ubuntu

**aptitude**
Ubuntu Software Center
Locate Great Software Online
DeLocate Great Software

## 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.

Preparing and Installation
Install Issues
Out of the Box Software
**Installing and Uninstalling**
Getting Ubuntu

aptitude
**Ubuntu Software Center**
Locate Great Software Online
DeLocate Great Software

## Ubuntu Software Center

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

Preparing and Installation
Install Issues
Out of the Box Software
**Installing and Uninstalling**
Getting Ubuntu

aptitude
Ubuntu Software Center
**Locate Great Software Online**
DeLocate Great Software

# 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

Preparing and Installation
Install Issues
Out of the Box Software
**Installing and Uninstalling**
Getting Ubuntu

aptitude
Ubuntu Software Center
Locate Great Software Online
**DeLocate Great Software**

# DIY Uninstallations

- ▶ sudo dpkg -r packageNameGoesHere
- ▶ This command should be able to uninstall anything you installed using the 3 methods

Preparing and Installation
Install Issues
Out of the Box Software
Installing and Uninstalling
**Getting Ubuntu**

**Free install cd's**
Download

## Free install cd's

Use these as much as you want; share as much as you want.

Preparing and Installation
Install Issues
Out of the Box Software
Installing and Uninstalling
**Getting Ubuntu**

Free install cd's
**Download**

## Download the disk image

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