



# Making Ubuntu Your Friend ... In A Windows World

# Sun VirtualBox Runs Ubuntu as a Windows Program

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# What I'll Cover

- This is a 20-minute presentation so I'll be moving quickly at times
- Dual boot?
- VirtualBox Installation/Setup
- Tips & Tricks

# Keep Windows?

- It's your SO's/boss's computer
- You need to run specific apps
- You're not sure you want linux
- Your SO/kids/parents use it
- etc....

# Dual Boot?

- Repartitioning/formatting—risky for many
- Choose at partition time how much to give to each OS
- Attended lengthy switchover

# VirtualBox

- Runs an image of a disk in its own protected space
- Lets you run an OS as a program in another OS. e.g. Windows in Linux, Linux in Windows, Windows in Windows, etc.

# Download From Sun

- <http://www.virtualbox.org/wiki/Downloads>
- Get the one for your *host* OS (Windows)
- Install it
- Register if you want

# Create a New VM

- Launch VirtualBox
- Press [New]
- Name your VM and select Linux  
(*your guest OS*)
- Continue setup

# Setting Up

- Memory Size
- Disk size
- Network
- Shared Folders
- Additions



# Memory/Disk Size

- Memory
  - Choose enough to be fast, but not more than 50%
- Disk
  - Auto expanding - elastic
  - Fixed size - fast

# Setting up Network

- Default is probably OK
- Adapter Bridge allows guest to access HW directly—useful for servers

# Set up Shared Folders

- Creates mountable devices on your Windows folders
- Create MYDOCS pointing to C:\Documents and Settings\Me\MyDocuments
  - `# mkdir /mnt/mydocs`
  - `# mount -t vboxsf MYDOCS /mnt/mydocs`

# Installing

- Mount CDROM—your \*.iso file or CDROM drive
- Press [Start]
- It's as if you turned on your virtual computer and now it'll install from the CD you mounted

# Setting Up Additions

- Vbox Additions
  - Clock synchronization
  - Seamless mouse/keyboard
  - Clipboard sync

# Congratulations!

- You now have a Virtual Machine window that's running Ubuntu!
- Do what you will: install, play, experiment, explore, get frustrated, go back and forth

# Turning it Off

- Close as normal—you can save the state or shutdown
- If you save the state, next time you run Windows you can load and unpause your Ubuntu

# Tips & Tricks

- /home on **C:\Documents** and Settings\you\My Documents\UbuntuHome?
- apt-cache files externally?
- Use snapshots to maintain different configurations



# Thank You!

Questions & Comments  
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