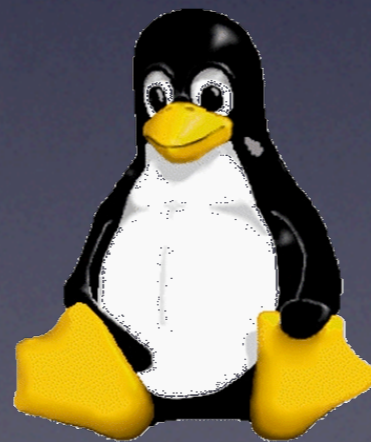


Install Fest 2008

LUG Roma Tre
www.lugroma3.org



- What Is GNU/Linux ?
 - An OS, users are never supposed to see it
- RMS & FS movement : the GNU Project (Jan '84)
 - Don't care of intellectual property
 - Software should just work
 - People can get involved, to fix and improve
 - Freedom to share : copyleft (© flipped over)
 - GNU-GPL : General Public License

- The GNU project
 - by 1991 replaced most of programs needed by an OS : compiler, text editor, mailer, system tools, and so on
 - but they didn't have a kernel yet...

- The Linux kernel
 - Announced 5/10/1991 on Usenet
- GNU project toolkit + Linux Kernel
 - GNU/Linux

- Why use linux ?
 - Open source
 - Freedom to learn
 - Business opportunity
 - Performance

- 1991, v0.01 10.000 LOC and 1 user
- 1992, v0.96 40.000 LOC and 1000 users
- 1993, v0.99 100.000 LOC and 20.000 users
- 1995, v01.2 250.000 LOC and 500.000 users
- 1997, v2.1 800.000 LOC and 3.500.000 users
- 1999, v2.2 1.500.000 LOC and 12.000.000 users

- The Apache Web Server
- Distribution and support : Red Hat

Distributions

- Slackware
- Debian (Ubuntu)
- Red Hat (CentOS, Fedora)
- SuSe
- ...



- Distribuzione consigliata ai neofiti: Ubuntu



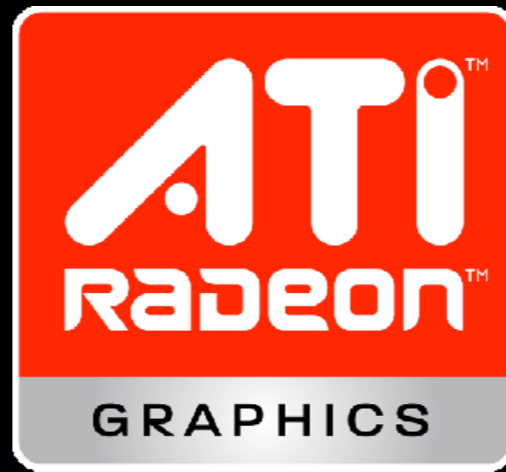
- installare rEFit
- `cd /efi/refit; ./enable.sh; ./enable-always.sh`
- `diskutil list`
- `diskutil resizeVolume disk0s2 <new-size>G`
- riavviare, modificare MBR e GPT, riavviare
- procedere con l'installazione



- **Resize Partitions:**
 - (r) My Computer > Manage > Disk Management
 - (r) VistaOS partition > Shrink
- **Problems with loaders ?**
 - makeactive
 - chainloader + l
- **Neosmart EasyBCD**



- <https://wiki.ubuntu.com/WifiDocs/Driver>
- NdisWrapper
 - `# apt-get install ndiswrapper-common ndiswrapper-source ndiswrapper-utils 1.9 module-init-tools module-assistant wireless-tools wpasupplicant`
 - `# ndiswrapper -i <driver.inf>; ndiswrapper -l`
 - `# m-a prepare; m-a a-i ndiswrapper; modprobe ndiswrapper`
 - Configurazione della rete
 - `# ndiswrapper -m`



- Default open-source ATI | Radeon Driver
- fglrx from Ubuntu repos
 - `sudo dpkg-reconfigure -phigh linux-restricted-modules-`uname -r``
 - `sudo insmod /lib/modules/`uname -r`/volatile/fglrx.ko`
- Use ATI drivers
 - <https://help.ubuntu.com/community/BinaryDriverHowto/ATI>



- GUI Sys > Adm > 'Manage drivers with restrictions'
- Or
 - `sudo apt-get install [nvidia-glx | nvidia-glx-new | nvidia-glx-legacy]`
 - Enable 3D acceleration
 - `sudo nvidia-xconfig --composite`
 - `sudo nvidia-xconfig --render-accel`
 - `sudo nvidia-xconfig --allow-glx-with-composite`
 - `sudo nvidia-xconfig --add-argb-glx-visuals`



Buon Utilizzo del pinguino =)

Linux User Group Roma Tre
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