

General Knowledge about Linux:

- COPYLEFT: <http://en.wikipedia.org/wiki/Copyleft>
- OPEN SOURCE: http://en.wikipedia.org/wiki/Open_source
- FREE AS IN BEER|FREE AS IN SPEECH:
http://en.wikipedia.org/wiki/Gratis_versus_Libre
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-> WHAT IS LINUX? | WHAT IS A DISTRO |WHO IS THE PENGUIN? | LINUX FOR HUMAN BEINGS?

- LINUX: <http://en.wikipedia.org/wiki/Linux>
- DISTRO: http://en.wikipedia.org/wiki/Linux_distribution
- TUX THE PENGUIN: http://en.wikipedia.org/wiki/Linux_distribution
- LINUX FOR HUMAN BEINGS (A.K.A UBUNTU):
http://en.wikipedia.org/wiki/Linux_for_human_beings
- UBUNTU STUDIO: <http://ubuntustudio.org/>

-> WHAT IS A WIKI? | MAILING LISTS? | IRC? | ARCHIVES? | NETIQUETTE?

- NETIQUETTE: <http://en.wikipedia.org/wiki/Netiquette>
- CORE RULES OF NETIQUETTE: <http://www.albion.com/netiquette/corerules.html>
- WIKI (BTW- THIS HERE IS A WIKI...FEEL FREE TO EDIT):
<http://en.wikipedia.org/wiki/Wiki>
- MAILINGLIST: http://en.wikipedia.org/wiki/Electronic_mailing_list
- MAILINGLIST ARCHIVES: <http://lists.puredata.info/listinfo/pd-list>
- INTERNET CHAT RELAY (A.K.A IRC): <http://en.wikipedia.org/wiki/IRC>

- INTRODUCTION TO IRC + COURSES: <http://wiki.ubuntu-women.org/Courses/IRC/>
Ex : <http://www.linuxchix.org/connecting-linuxchix-irc-using-xchat.html>

- DOWNLOAD XCHAT (IRC CLIENT): <http://www.xchat.org/download/>

-> WOMEN IN FOSS? | WHERE ARE THEY? | WHAT DO THEY DO?

- LINUXCHIX (irc: #linuxchix): <http://www.linuxchix.org/>
- UBUNTU WOMEN (irc: #ubuntu-women server: FreeNode): <http://ubuntu-women.org/>
- THE GENDERCHANGERS: <http://www.genderchangers.org/>
- GENDERIT: <http://www.genderit.org/en/index.shtml?apc=---e--1&x=93204>
- STUDIO XX: <http://www.studioxx.org/e/studioxx/organisation.php>
- CONSTANT (BELGIUM): <http://constantvzw.com/>
- FOSS AND ART | FESTIVALS | CENTRES...
- PIKSEL (NORWAY) <http://www.piksel.no/piksel07/about.html>
- THE UPGRADE (INTERNATIONAL WITH NODE IN MONTREAL):
<http://www.theupgrade.net/>
- DORKBOT (INTERNATIONAL WITH NODE IN MTL): <http://dorkbot.org/>
- BENT FESTIVAL (NYC): <http://www.bentfestival.org/>
- MAKE ART FESTIVAL (FRANCE): <http://makeart.goto10.org/2007/>

Installing UBUNTU

Backing up your Data :

Data can be lost when installing a dual boot even if we don't erase the disc. If you make a clean install all the data will be erased from your machine

You need to format your external drive using the disk utility

On OS X : located in Utilities folder in applications

Make sure you choose the right disk and not your computer's HD.

Then choose the format you want to format the disk:

- HFS + is Mac OS read and write
!-> Not writable from other Operating systems: read only on Linux and Windows
- NTFS Is a Windows format that will read and write on Linux and Windows
!-> Not writable on OSX natively
- FAT 32 is readable and writable on all operating systems: Mac OS, Linux and Windows.
!-> Cannot hold files > 4gig

What is your processor?

PC (Intel x86) (32 bit)

- For almost all PCs. This includes most machines with Intel/AMD/etc type processors and almost all computers that run Microsoft Windows. Choose this if you are at all unsure.

PC (AMD64) (64-bit)

- For computers based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon). It is not necessary for all (even most) processors made by AMD -- only their 64 bit chips.

Mac (PowerPC)

- For Apple Macintosh G3, G4, and G5 computers, including iBooks and PowerBooks.

Iso Images

- * ubuntu-8.10-desktop-i386.iso or ubuntu-8.04-desktop-i386.iso (long term release)
- * ubuntu-8.10-desktop-amd64.iso
- * ubuntu-8.10-desktop-powerpc.iso

Homework: Your Computer description

- Make the following description of your computer

== My computer ==

Name::

Processor::

* name :

* type : [choose btw x86 (32 bits); Amd64 (64 bits), Power Pc (Old Mac)]

Hard Disk::

RAM ::

Downloader l'image iso

Ubuntu classique

* <http://www.ubuntu.com/getubuntu/download>

* <http://mirror.csclub.uwaterloo.ca/ubuntu-releases/>

Ubuntu Studio

* <http://ubuntustudio.org/download>

* <http://cdimage.ubuntu.com/ubuntustudio/releases/gutsy/release/>

Xubuntu: light version of Ubuntu for computers with small RAM and processing power

* <http://hex1a4.net/xubuntu/mirror/releases/8.10/release/>

Burn the CD

* <https://help.ubuntu.com/community/BurningIsoHowto>

* Burn an iso file as an image : right clic + burn

Dual boot OSX-Ubuntu

- Installer OSX

Sur OSX -> Installer bootcamp : attention ceci ne peut être fait qu'une seule fois !

(http://www.apple.com/downloads/macosx/apple/application_updates/bootcampupdate21forwindowsxp.html)

- Redimensionner les partitions pour créer un espace vide sur lequel on installera Ubuntu sans affecter le system OSX.

- Sur OSX -> Installer reFit le bootloader

<http://refit.sourceforge.net/>

http://refit.sourceforge.net/doc/c1s1_install.html

- Initialiser reFit :
ouvrir le terminal et taper :

```
cd /efi/refit
```

```
./enable.sh
```

- Installer Ubuntu

en choisissant l'espace libre préparé par Bootcamp pour l'installation et le petit espace pour le SWAP.

Dual boot Ubuntu-Windows

Linux Only : Follow the instructions. :)

Post Installation

Activate Software sources

* Open: System->Administration-> Software sources

* Ubuntu Softwares: check the 4 sources

* Updates : the 3 first (security, updates, proposed)

Do the Updates

Add studio package

* System/Administrate/Synaptic

* in Synaptic:

o search Ubuntustudio

o select Ubuntu Studio Desktop (all other packages will be selected)

o accept

* ADD and remove applications: Applications->Add and remove

Check devices

Wifi: * <http://doc.ubuntu-fr.org/wifi>

Pb with the wifi on MacBook

- * The last Mac Book has difficulties to compile the wifi card.

- * Here is the description of the pb: Forum Ubuntu

- * Here is a tutorial: The flew.free.fr

We copied the Tuto on this WifiMacBook page (in case it disappear from this blog)

Printer * <http://linuxprinting.org>

Sound * <http://alsa-project.org>

Other Devices * The linux documentation project

- * <https://wiki.ubuntu.com/FrenchDocumentation>

File System in Ubuntu

- * /home/anne/Desktop : working table, for current projects.
- * /home/anne : your personal home (= your room), with your documents, images, but also personal settings
- * /Home : Home, with other user personal home (room).

Every personal home as a password (rooms with locks)

- * /: Root File
- * /media : là où sont monté les périphériques de stockage externe
- * /bin : binary files
- * /lib : libraries, code archives, used by other softwares (ex. maths)
- * /etc : global configuration
- * /var : variable (log...)
- * /boot : kernel
- * /dev : devices
- * /lost+found: where the rescue prog (fsck) put the rescued files when the disk freeze.
- * /mnt : mount
- * /proc et sys: system information and process
- * /root : root user's home
- * /sbin : binary system files
- * /tmp : temporary files
- * /usr/bin : where are the real applications (= an heavy file)
- * /usr/games: games
- * /usr/include: for programmers
- * /usr/lib : for programmers (libraries)
- * /usr/share : share files (documentation, template...)
- *

/usr/share/doc: program documentation (ReadMe, ManPage (Manuel de référence ...))
o ex, in a shell, try:

man man
man hier (hierarchy)