



Free Software





Agenda

Open forum

Identify subjects for breakout groups
and later meetings

Main presentation

Tea and coffee break (3.30pm)

Breakout into smaller groups



What is it?

- Software that is free to use and change
- The main organisations are:
 - Free Software Foundation – Free Software
 - Open Source Initiative – Open Source Software
 - Apache – Apache Software Foundation
- They have similar but different licenses
 - FSF does not allow so many limitations
- Most people just call it FOSS
 - Free and Open Source Software
- Some projects ask for donations

Many Licenses Exist



- GNU/GPL
- Apache
- FreeBSD
- Creative Commons – music, art, photos, etc
- Microsoft Public License
- EU Public Software License – see europa.eu
- Plus many more – see opensource.org
- *Only programmers, creators and commercial users need to worry*
- *They give users confidence in the code and material and its security*

FOSS in the Home



You already use it:

- Smart TVs
- Video Recorders
- Surveillance cameras and systems
- Apple and Android tablets and phones

Some Useful Applications



OS - GNU/Linux – Mint, Ubuntu

Virtual machines - Virtualbox

Office - LibreOffice, OpenOffice,
Scribus, AbiWord

Photos/Graphics - Gimp, Inkscape,
IrfanView, digicam, Shotwell, MyPaint

eMail – Mozilla Thunderbird

Web browser – Mozilla Firefox

Finance – GnuCash, Homebank

Printer- PDFCreator, Cutenpdf,
GhostScript, GSView

File transfers - FileZilla

Video players - VLC, Miro

Video editors – Openshot, Kdenlive

3D modelling - Blender, K3D, PovRay

Audio – Audacity

Disc management - GPartEd

File recovery - TestDisk, PhotoRec

File compression - 7Zip, PeaZip

Ancestry - gramps

Phone – Jitsi, Skype

OCR - YAGF + Tesseract or
Cuneiform

CAD - FreeCAD

Flight simulator - FlightGear

Music – many

Maps – OpenStreetMap

Music Streaming -

News Readers – RSSOwl, Liferea,
Akregato, Thunderbird

Surveillance - Zoneminder

Where to find Info ...



- <https://www.virtualbox.org/>
- <http://www.linuxmint.com>
- <https://www.libreoffice.org/>
- <http://www.mozilla.org/en-GB/thunderbird/>
- <http://www.gimp.org/>
- <http://www.irfanview.com/>
- <http://www.wikipedia.org/>
- <http://sourceforge.net/>
- <http://www.gnu.org/>
- <http://www.videolan.org/index.html>
- <http://opensource.org/licenses/category>
- www.zoneminder.com
- <http://www.pdfforge.org/>
- <http://www.cgsecurity.org/>
- <https://gramps-project.org/>
- https://www.gramps-project.org/wiki/index.php?title=Other_genealogy_software
- <http://www.openstreetmap.org>
- <https://code.google.com/p/tesseract-ocr/>
- <http://www.freecadweb.org/>
- <http://www.gnucash.org/>



How to Try Linux

- Make sure your PC can boot from CD or DVD
- Download Linux Mint 16 to your PC
 - You need an ISO file
 - This is a complete disk image
- Burn it to DVD as a bootable image
- Insert and reboot your PC
- Linux Mint will now run from disk
 - It will not touch Windows
 - Download and try applications
- Explore
- It does not leave any trace on your PC