

introduction to free software switch to free software

Akira Treize

ESPRIT Libre

February 13, 2013

Plan

- 1 What's the free software ?
- 2 Notion of community
- 3 Some Examples of free Softwares
- 4 Conclusion

Plan

- 1 What's the free software ?
 - The Father of Free Software
 - Open source VS Free Software
 - The various licenses:
- 2 Notion of community
- 3 Some Examples of free Softwares
- 4 Conclusion

What's the free software ?

Notion of community

Some Examples of free Softwares

Conclusion

The Father of Free Software

Open source VS Free Software

The various licenses:

What is a free software?

What is a free software?

freedom 0

Freedom **to run** the program, for any purpose.

What is a free software?

freedom 0

Freedom **to run** the program, for any purpose.

freedom 1

Freedom **to study** how the program works, and change it **to make** it do what you wish

What is a free software?

freedom 0

Freedom **to run** the program, for any purpose.

freedom 1

Freedom **to study** how the program works, and change it **to make** it do what you wish

freedom 2

Freedom **to redistribute** copies so you can help your neighbor.

What is a free software?

freedom 0

Freedom **to run** the program, for any purpose.

freedom 1

Freedom **to study** how the program works, and change it **to make** it do what you wish

freedom 2

Freedom **to redistribute** copies so you can help your neighbor.

freedom 3

Freedom **to distribute** copies of your modified versions to others.

The Father Of Free Software

Richard Matthew Stallman (rms)



GNU(Gnu is Not Unix)
FSF(Free Software Foundation)



Free forever ?

The freedom of some must not restrict the freedom of others
humain (labor law, civil law, etc...) What is free must remain
The author retains its right in the work

Other face of philosophy of free

The philosophy of the Free now affects other areas:

Other face of philosophy of free

The philosophy of the Free now affects other areas:

- art (music, books, pictures) with Creative Commons licenses,

Other face of philosophy of free

The philosophy of the Free now affects other areas:

- art (music, books, pictures) with Creative Commons licenses,
- sharing knowledge with the collaborative Wikipedia encyclopedie,

Other face of philosophy of free

The philosophy of the Free now affects other areas:

- art (music, books, pictures) with Creative Commons licenses,
- sharing knowledge with the collaborative Wikipedia encyclopedie,
- scientific publications,

Other face of philosophy of free

The philosophy of the Free now affects other areas:

- art (music, books, pictures) with Creative Commons licenses,
- sharing knowledge with the collaborative Wikipedia encyclopedie,
- scientific publications,
- different technical and recipes,

Other face of philosophy of free

The philosophy of the Free now affects other areas:

- art (music, books, pictures) with Creative Commons licenses,
- sharing knowledge with the collaborative Wikipedia encyclopedie,
- scientific publications,
- different technical and recipes,
- etc...

What's the free software ?

Notion of community

Some Examples of free Softwares

Conclusion

The Father of Free Software

Open source VS Free Software

The various licenses:



What's the free software ?

Notion of community

Some Examples of free Softwares

Conclusion

The Father of Free Software

Open source VS Free Software

The various licenses:



OPEN SOURCE

What's the free software ?

Notion of community

Some Examples of free Softwares

Conclusion

The Father of Free Software

Open source VS Free Software

The various licenses:



OPEN SOURCE

!=

What's the free software ?

Notion of community

Some Examples of free Softwares

Conclusion

The Father of Free Software

Open source VS Free Software

The various licenses:



OPEN SOURCE
!=
FREE SOFTWARE

The various licenses:

	to use	to copy	to modify
Proprietary software	Yellow	Red	Red
Shareware	Green	Red	Red
Freeware	Green	Green	Red
Free software	Green	Green	Green

Plan

- 1 What's the free software ?
- 2 Notion of community
 - Communitys
 - Who can develop the free software
 - Different communities
- 3 Some Examples of free Softwares
- 4 Conclusion

What's the free software ?
Notion of community
Some Examples of free Softwares
Conclusion

Communitys

Who can develop the free software
Different communities

Community

Community

- **Interactions** between users (support, advice,...)

Community

- **Interactions** between users (support, advice,...)
- **Interactions** between users and developers
(bug,reports,suggestion features,documentation, translation)

Who can develop the free software?

- volunteers
 - students
 - IT in his free time
 - anyone (why not you?)
- employees
 - research laboratory
 - company
- In finally, you have hundreds of thousands of contributors

Different communities

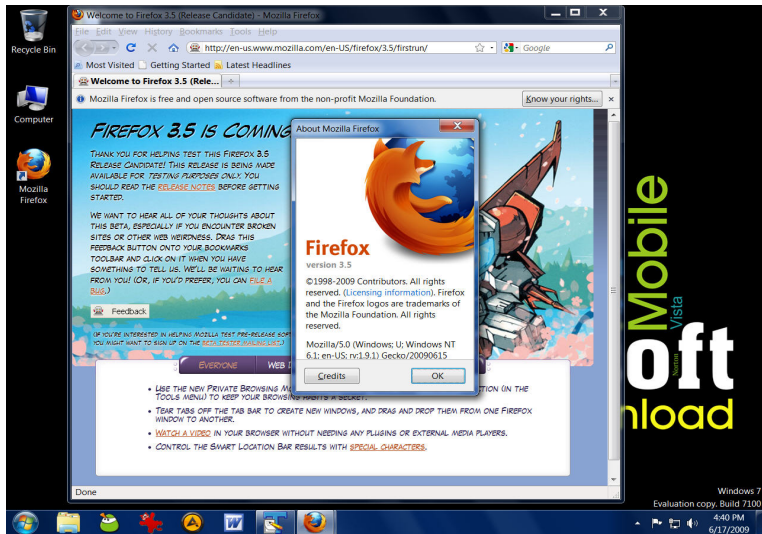
- **Global level:** (FSF, Fondation Mozilla, KDE/Gnome, linux,..),
- **National level:** (Ubuntu-tn, Mozilla-tn, fedora-tn,...),
- **ESPRIT level:** (ESPRIT Libre),



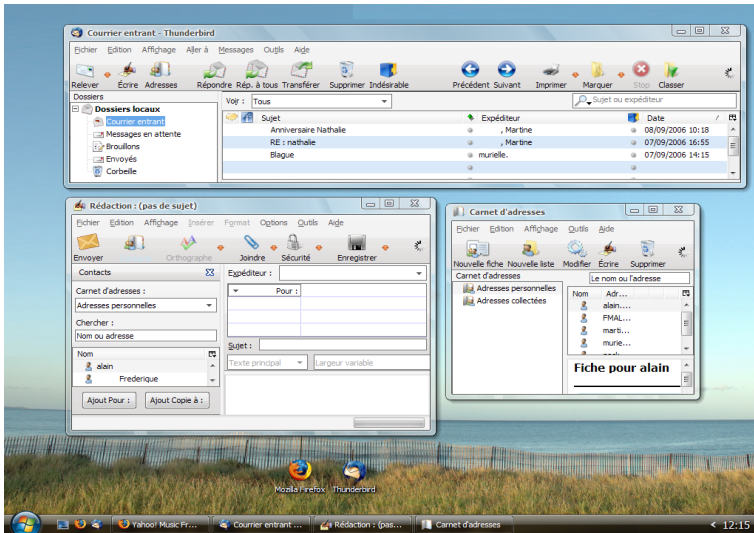
Plan

- 1 What's the free software ?
- 2 Notion of community
- 3 Some Examples of free Softwares
 - Firefox
 - Thunderbird
 - Gimp
 - Wikipedia
- 4 Conclusion

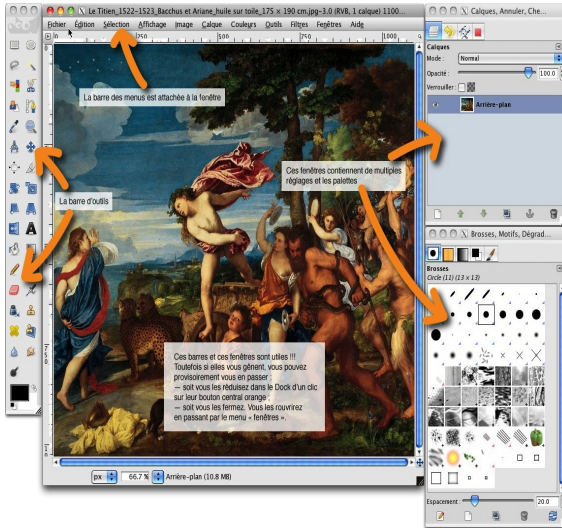
Firefox for Windows 7



Thunderbird for Windows



Gimp on Mac OS



Gimp

GNU Image
Manipulation
Program

► <http://www.gimp.org>



Wikipedia



Wikipedia



- A free, collaborative encyclopedia

Wikipedia



- A free, collaborative encyclopedia
- Probably the most exciting free project

Plan

- 1 What's the free software ?
- 2 Notion of community
- 3 Some Examples of free Softwares
- 4 Conclusion

conclusion

The transition to free software should be step by step:

- step1: keep your current system with using free software
- step2: coexist a free operate system same **GNU/Linux** with your current system
- step3: you probably will replace your current system with **GNU/Linux**



The way is open but
the road is long!