

Free software

- Free software and freedoms
- Free software and community

Business model

- Need money !
- Differents financing

Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Conclusion

Free Software

Toulouse III University – Paul Sabatier
Master in computer science

December 14th, 2014

Free software

- Free software and freedoms
- Free software and community

Business model

- Need money !
- Differents financing

Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Conclusion

- Since decades, free software is everywhere !

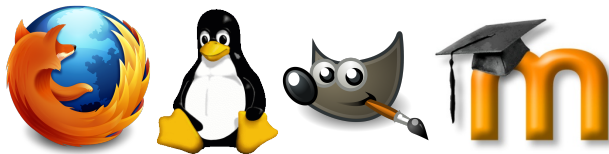


Figure: Differents free Software

Free software

- Free software and freedoms
- Free software and community

Business model

- Need money !
- Differents financing

Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Conclusion

- Since decades, free software is everywhere !

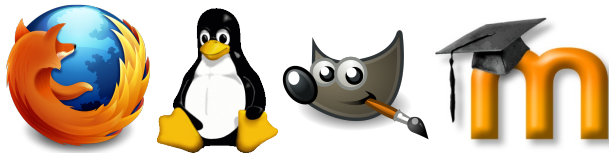


Figure: Differents free Software

- How it works ?

Free software

- Free software and freedoms
- Free software and community

Business model

- Need money !
- Differents financing

Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Conclusion

1 Free software

- Free software and freedoms
- Free software and community

2 Business model

- Need money !
- Differents financing

3 Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

1 Free software

- Free software and freedoms
- Free software and community

2 Business model

- Need money !
- Differents financing

3 Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

Free software is not. . .

- Software without payment
- Open-source software

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

Free software is not. . .

- Software without payment
- Open-source software

. . . but free software is

A software that you can

- Run
- Study
- Modify
- Distribute



Figure: GNU Project

Free software is not. . .

- Software without payment
- Open-source software

. . . but free software is

A software that you can

- Run
- Study
- Modify
- Distribute



Figure: GNU Project

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

Free software is not. . .

- Software without payment
- Open-source software

. . . but free software is

A software that you can

- Run
- Study
- Modify
- Distribute



Figure: GNU Project

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

Free software is not. . .

- Software without payment
- Open-source software

. . . but free software is

A software that you can

- Run
- Study
- Modify
- Distribute



Figure: GNU Project

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

- Lot of contributors. . .
 - Developpers, Translators, Designers, Writers, Helpers, . . .

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

- Lot of contributors. . .
 - Developpers, Translators, Designers, Writers, Helpers, . . .
- . . . in lot of nations

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

- Lot of contributors. . .
 - Developpers, Translators, Designers, Writers, Helpers,...
- ... in lot of nations

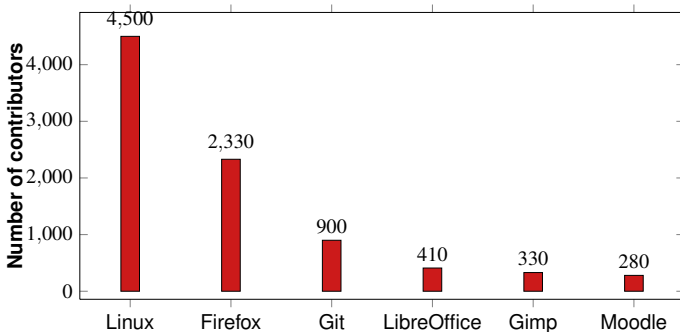


Figure: Number of contributors and their project

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

1 Free software

- Free software and freedoms
- Free software and community

2 Business model

- Need money !
- Differents financing

3 Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Different financing

Innovation

Collaborative work is powerful
Examples of innovation with Free Software

Conclusion

Money is required for

- Servers
- Web sites
- Advertising
- Few developers

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

Money is required for

- Servers
- Web sites
- Advertising
- Few developpers

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

Money is required for

- Servers
- Web sites
- Advertising
- Few developers

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

Money is required for

- Servers
- Web sites
- Advertising
- Few developpers

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

Money is required for

- Servers
- Web sites
- Advertising
- Few developpers

⇒ Creation of **associations** or **companies** for money management

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free
Software

Conclusion

- Technical supports
- All-inclusive solution
- Sponsoring and gifts
- Advertising
- Goodies

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free
Software

Conclusion

- Technical supports
- All-inclusive solution
- Sponsoring and gifts
- Advertising
- Goodies

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free
Software

Conclusion

- Technical supports
- All-inclusive solution
- Sponsoring and gifts
- Advertising
- Goodies

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free
Software

Conclusion

- Technical supports
- All-inclusive solution
- Sponsoring and gifts
- Advertising
- Goodies

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free
Software

Conclusion

- Technical supports
- All-inclusive solution
- Sponsoring and gifts
- Advertising
- Goodies

1 Free software

- Free software and freedoms
- Free software and community

2 Business model

- Need money !
- Differents financing

3 Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

- Many people
 - Many ideas
 - Many point of view
 - Many talented persons

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

- Many people
 - Many ideas
 - Many point of view
 - Many talented persons
- Do it with passion

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

- Many people
 - Many ideas
 - Many point of view
 - Many talented persons
- Do it with passion
- “ *Forks* ”

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion

- Many people
 - Many ideas
 - Many point of view
 - Many talented persons
- Do it with passion
- “ *Forks* ”
- Some companies pay contributors
 - Google, Microsoft, . . .
 - ⇒ They need free software !

- Linux
- Wikis
- Live CD
- Virtual Network Computing (VNC)

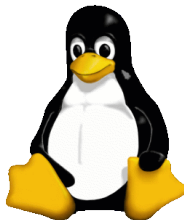


Figure: Tux, Linux symbol

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion

- Linux
- Wikis
- Live CD
- Virtual Network Computing (VNC)

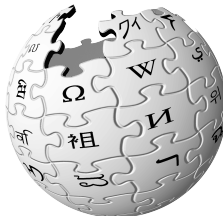


Figure: Wikipédia

- Linux
- Wikis
- **Live CD**
- Virtual Network Computing (VNC)

Free software

Free software and freedoms
Free software and community

Business model

Need money !
Differents financing

Innovation

Collaborative work is powerfull
Examples of innovation with Free
Software

Conclusion



Figure: Knoppix, first distribution with Live CD

- Linux
- Wikis
- Live CD
- Virtual Network Computing (VNC)

Free software

Free software and freedoms

Free software and community

Business model

Need money !

Differents financing

Innovation

Collaborative work is powerfull

Examples of innovation with Free Software

Conclusion



Figure: VNC in use

Free software

- Free software and freedoms
- Free software and community

Business model

- Need money !
- Differents financing

Innovation

- Collaborative work is powerfull
- Examples of innovation with Free Software

Conclusion

Free software is cool !