

# GNU/Linux and Free Software

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Feburary, 2012



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- 1 Free Software
- 2 Common myths
- 3 Why Free Software?
- 4 History
- 5 Words to avoid
- 6 GNU/Linux
- 7 Installing GNU/Linux
  - Getting the CD/DVD
  - Applications



# What is Free Software?

- Software that respects users freedom



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- Freedom to run the program for any purpose



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# What is Free Software?

- Software that respects users freedom
- Freedom to run the program for any purpose
- Freedom to study how the program works and change it
- Freedom to redistribute copies so you can help your friend
- Freedom to distribute copies of your modified version



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- Free speech not Free beer!



- Free speech not Free beer!
- Free Software == open source Software



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- Free Software == open source Software
- Free Software is not secure



- Free speech not Free beer!
- Free Software == open source Software
- Free Software is not secure
- Free Software is bad for business



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- Users are divided and helpless



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- Proprietary software often 'spies' it users



- Users are divided and helpless
- Proprietary software often 'spies' it users
- Proprietary software does not allow you to share





- Users are divided and helpless
- Proprietary software often 'spies' it users
- Proprietary software does not allow you to share
- Free Software is good for students



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# History of Free Software

## ■ Richard Stallman



# History of Free Software

- Richard Stallman
- Free Software Foundation



# History of Free Software

- Richard Stallman
- Free Software Foundation
- **Linus torvalds**





Figure: Source: wikipedia







Figure: Source: wikipedia



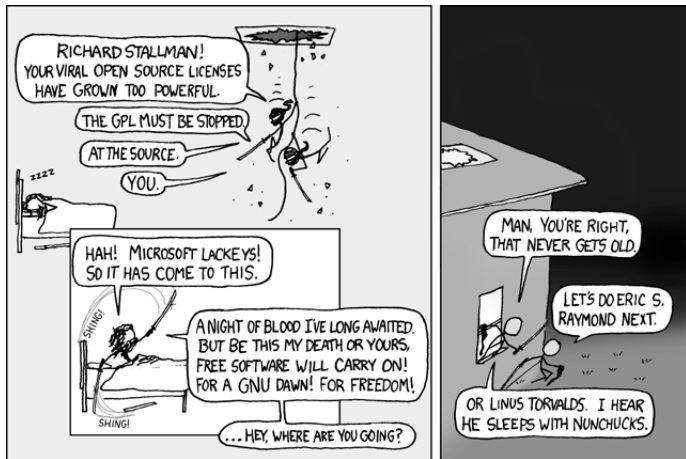


Figure: Source: [xkcd.com/225](http://xkcd.com/225)



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# Intellectual Property

## Intellectual Property

### ■ Copyrights



# Intellectual Property

## Intellectual Property

- Copyrights
- Patents



# Intellectual Property

## Intellectual Property

- Copyrights
- Patents
- TradeMarks



# Hacking

## Hacker

- Who is a hacker?



# Hacking

## Hacker

- Who is a hacker?



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# The kernel

## ■ Distributions or Distros



# The kernel

- Distributions or Distros
- Fedora



# The kernel

- Distributions or Distros
- Fedora
- Ubuntu



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# ISO Files

- Distro's are available online as ISO files



# ISO Files

- Distro's are available online as ISO files
- Live CD vs Install DVD



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# Common applications

## ■ Desktop Enviroments



# Common applications

- Desktop Enviroments
- pidgin



# Common applications

- Desktop Enviroments
- pidgin
- shutter



# Common applications

- Desktop Enviroments
- pidgin
- shutter
- **rhythmbox**



# Common applications

- Desktop Enviroments
- pidgin
- shutter
- rhythmbox
- Terminal



# Common applications

- Desktop Enviroments
- pidgin
- shutter
- rhythmbox
- Terminal
- Firefox



# Queries

# Questions?



# References

- <https://www.fsf.org/about/what-is-free-software>





# References

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<http://latex-beamer.sourceforge.net/>



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