

# BitTorrent? Is that not illegal?

By Yori Fournier

(2/4)

# Informations & Contact

- Website: <http://www.witi.zici.fr>
- Email: [y.fournier@aip.de](mailto:y.fournier@aip.de)
- IRC channel: <irc://anarchy.esper.net/witi>
- RSS feed: <https://pod.geraspora.de/public/fritom.atom>
- Invitation to Diaspora: <https://pod.geraspora.de/i/c1b9a6039c1f>

# Sources

- **People:** Benjamin Bayart, Richard Stallman, James Boyle, Aaron Swartz, Stéphane Bortzmeyer, ...
- **ISP:** FDN, FFDN, INBERLIN ...
- **Political organization:** Quadrature du Net, net-neutrality
- **Community:** RHIEN
- **Foundation:** Free Software (FSF), GNU, Creative Common, Mozilla, Diaspora\*... a lot more.

[pixabay.com](http://pixabay.com), [openclipart.org](http://openclipart.org) and [wikipedia](http://wikipedia) for the pictures.

# About the conference series

- Four talks of 30 minutes each
  - 24<sup>th</sup> of September → **What is the Internet?**
  - 8<sup>th</sup> of October → **How to use the Internet?**
  - 22<sup>nd</sup> of October → **What is the impact of the Internet on the virtual world?**
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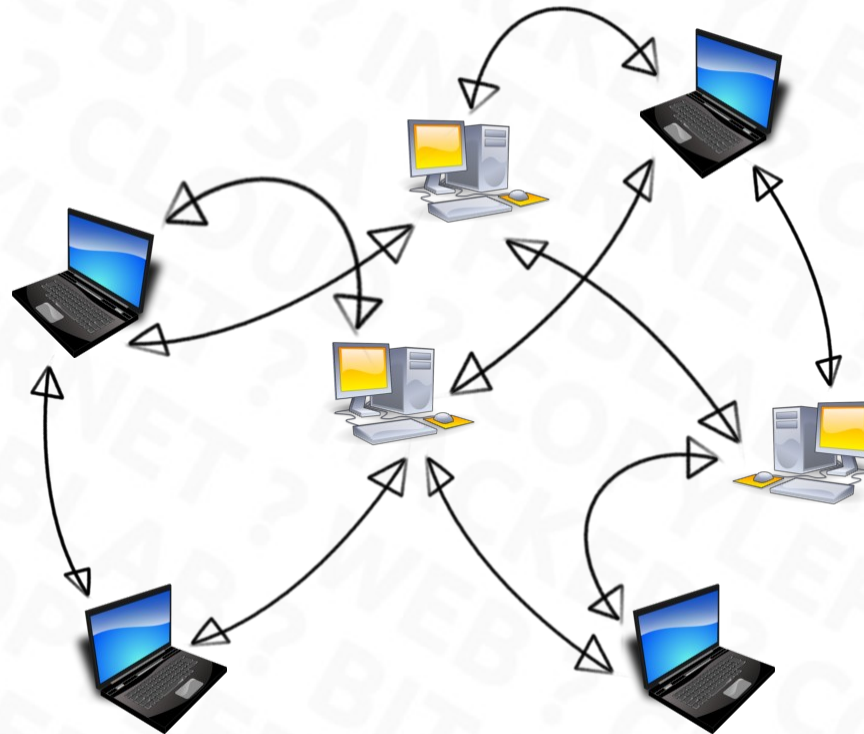
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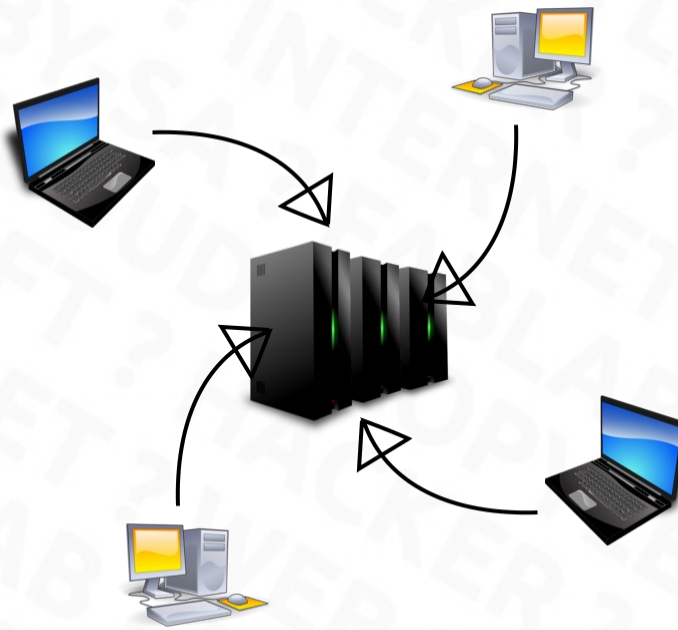
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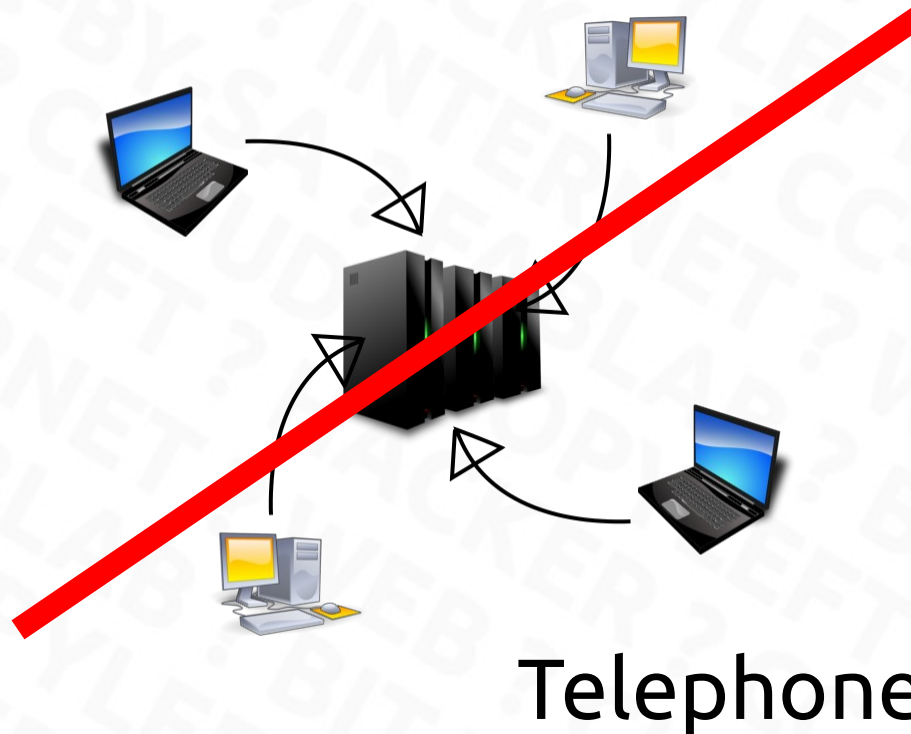
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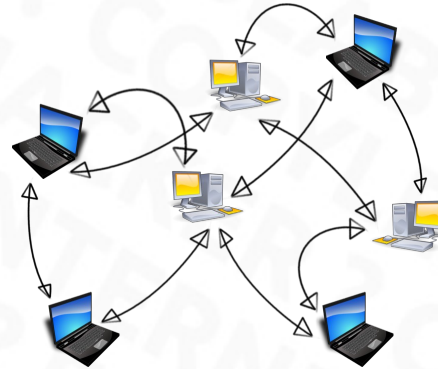
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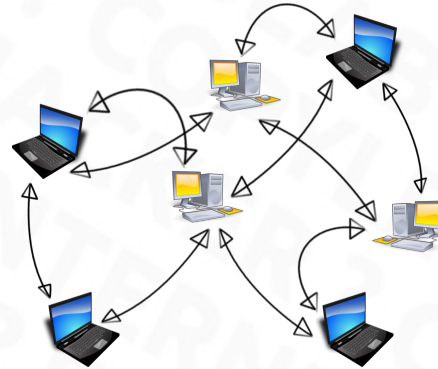
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  - decentralized
  - A neutral network
  - An idea



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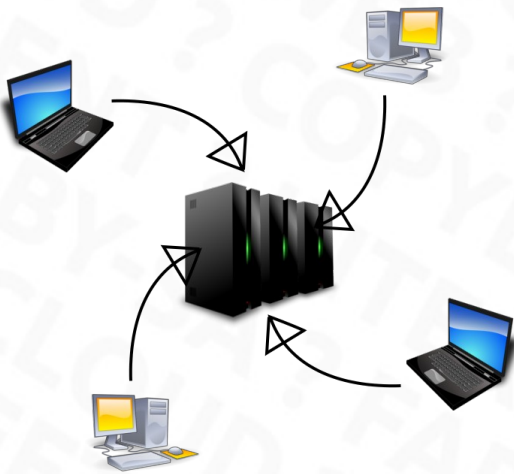


- **Why using the Internet?**

- To secure your data
- To share with the world
- To save the Internet from regression

# What you need for today?

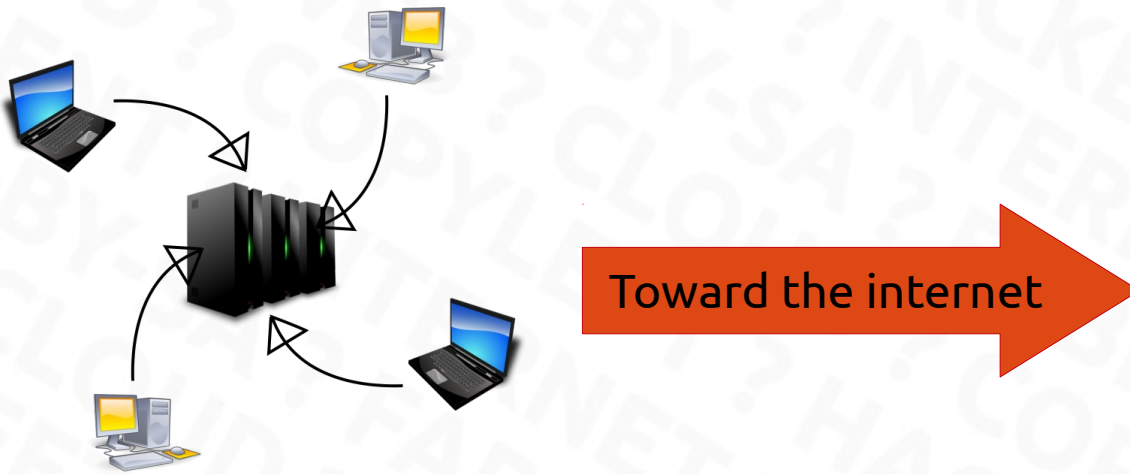
Highly centralized



Server/Client  
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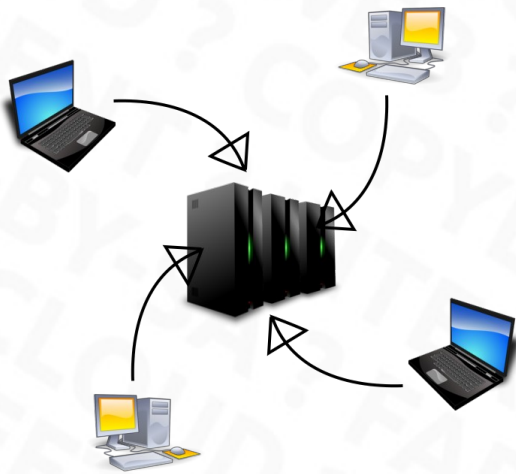
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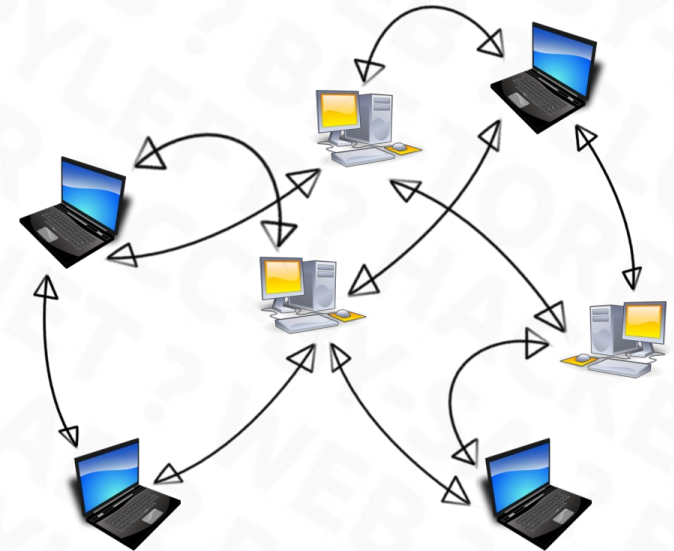
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Server/Client  
**Telephone**

Toward the internet

Fully decentralized  
(ideal system)



Server + Client = servant  
**Internet**



# Looking for information on the Internet.

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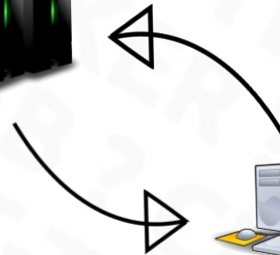
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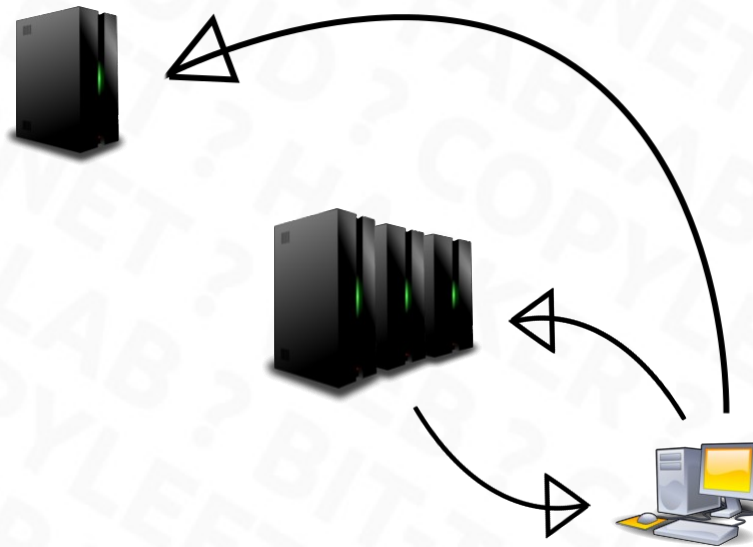
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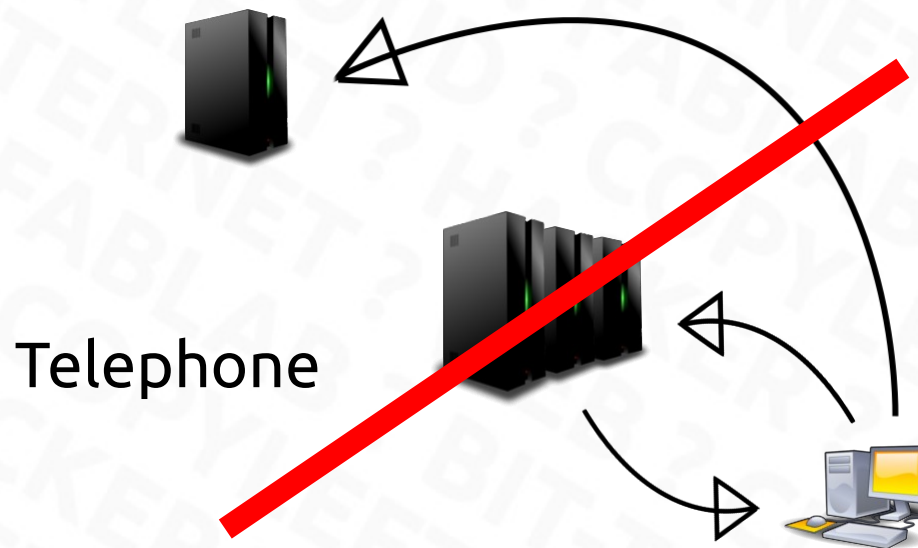
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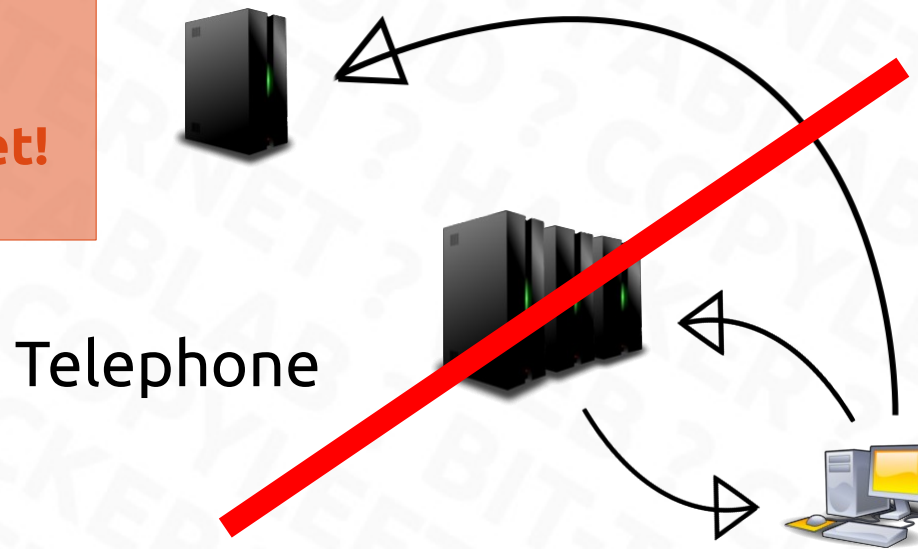


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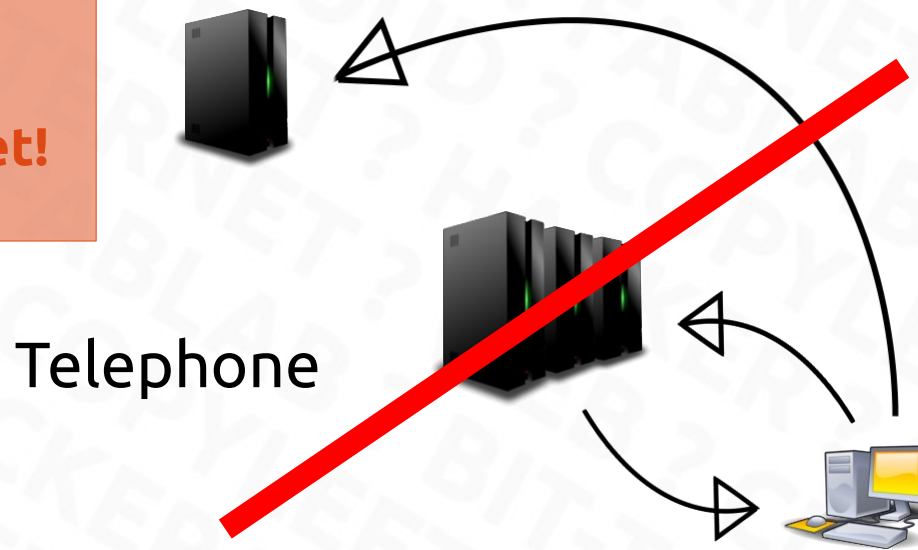


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To learn how to  
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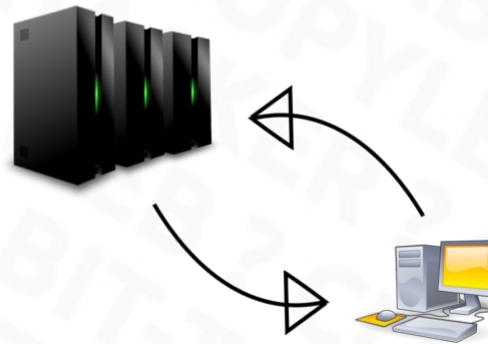
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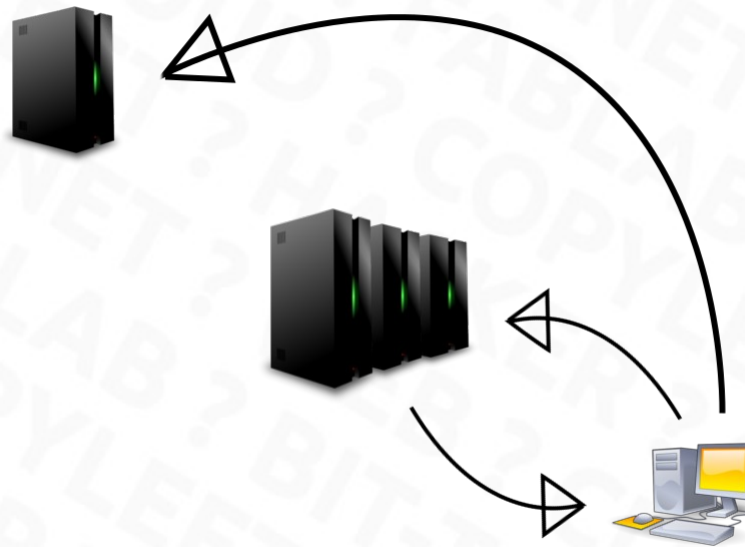


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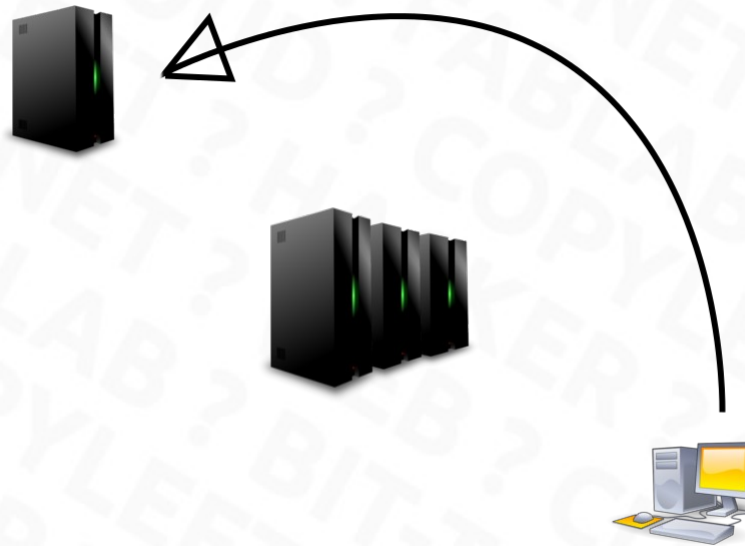
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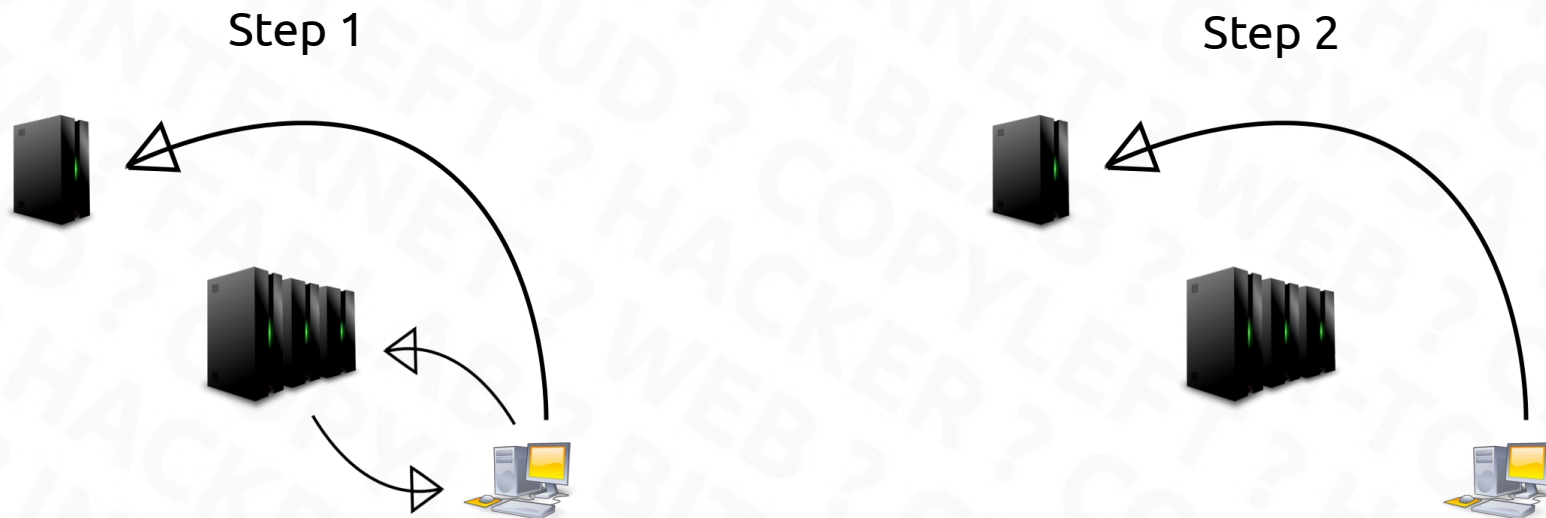
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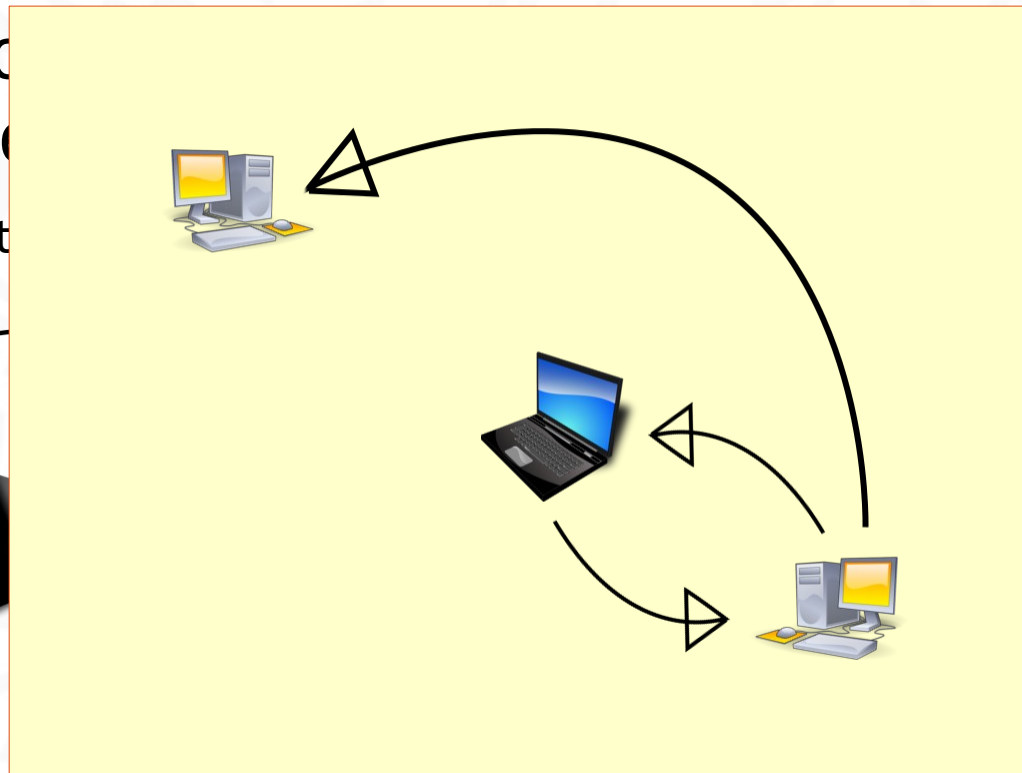
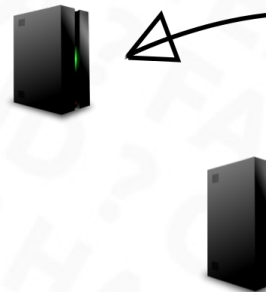
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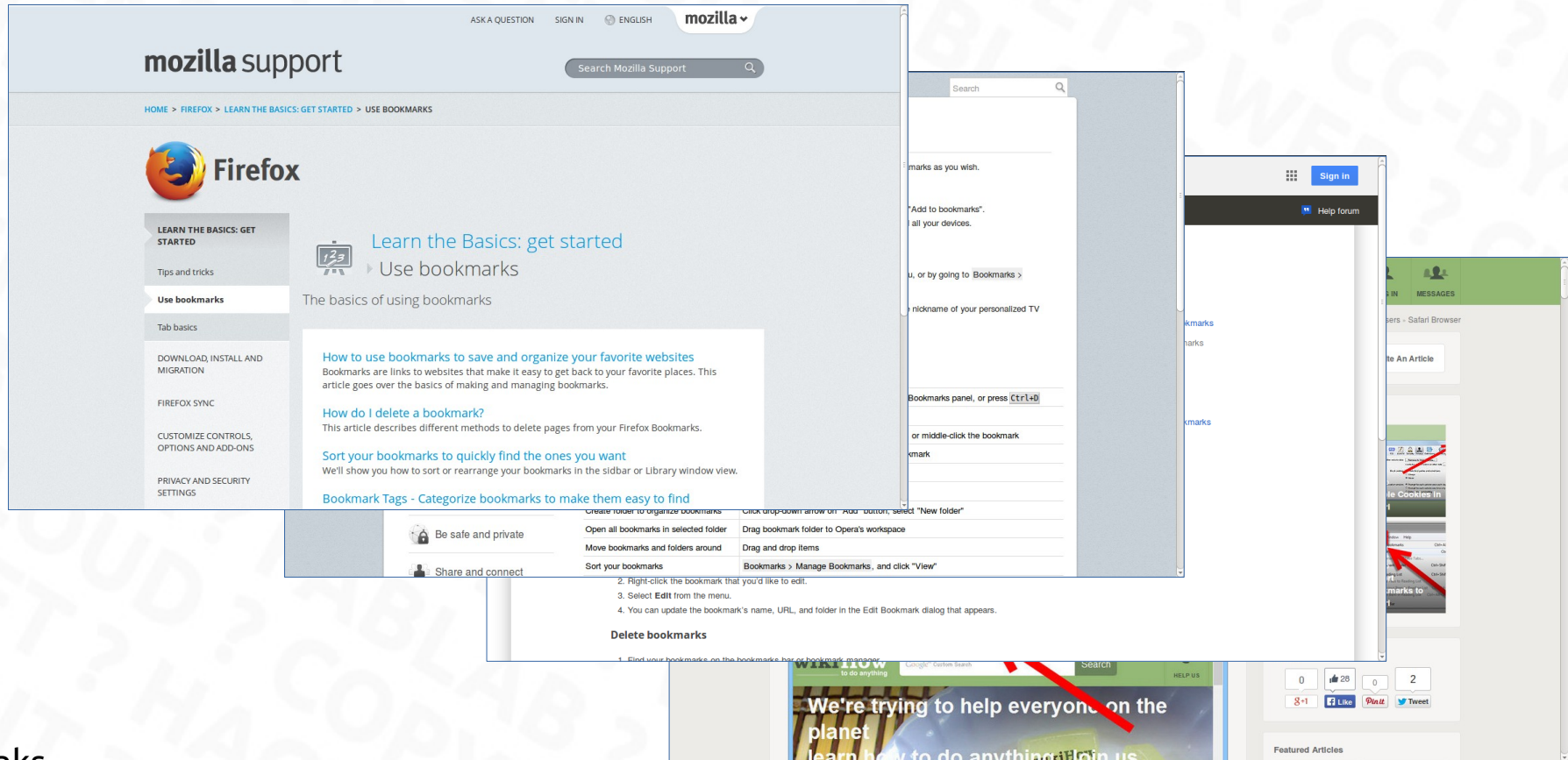


# Looking for information on the Internet.

- The first step: **Bookmarking!**
  - Learn how to bookmark:
    - Bookmark folders
    - Tags
    - Build your own library ! and Share it !

<http://witi.zici.fr/links.php>

# Looking for information on the Internet.



- Links

- **Firefox:** <https://support.mozilla.org/en-US/products/firefox>
- **Opera:** <http://help.opera.com/Linux/12.10/en/bookmarks.html>
- **Chrome:** <https://support.google.com/chrome/answer/188842>
- **Safari:** [http://www.wikihow.com/Add-a-Bookmark-in-Safari#Using\\_Your\\_Computer\\_sub](http://www.wikihow.com/Add-a-Bookmark-in-Safari#Using_Your_Computer_sub)

# Looking for information on the Internet.

## 2 possibilities

- Centralize the Information:
- Decentralized the information:

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- Centralize the Information:
  - + easy, fast, complete
  - not Internet, oriented, passive, no reflexion, control.
- Decentralized the information:



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## 2 possibilities

- Centralize the Information:
  - + easy, fast, complete
  - not Internet, oriented, passive, no reflexion, control.
- Decentralized the information:
  - + own result, active searcher, harder to control (less), Internet !
  - slow, incomplete, overwhelmed by info.

# Looking for information on the Internet.

Internauts face these problems since the 80's

- They had few decades to find a solutions.
  - Email-list
  - IRC chat
  - RSS and Potcast

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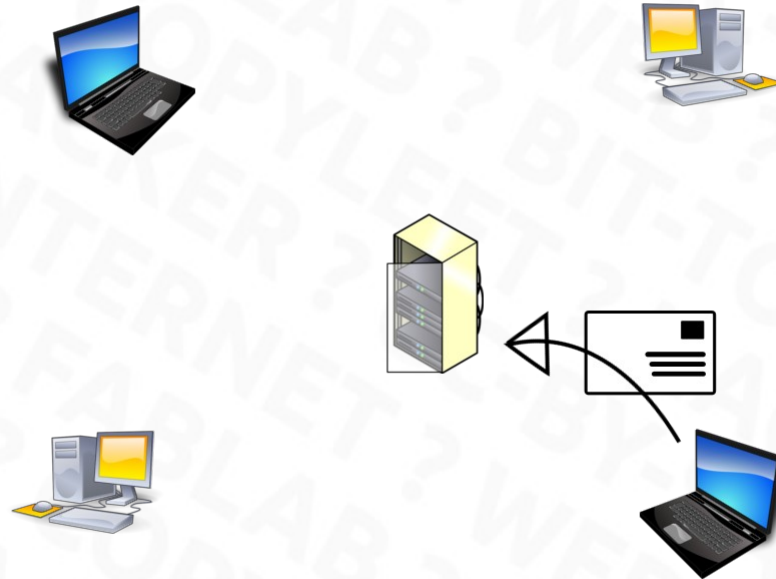
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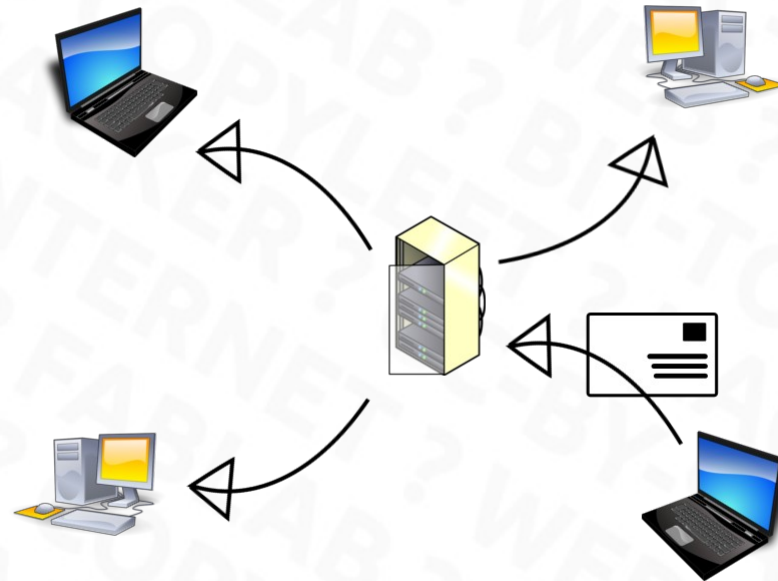
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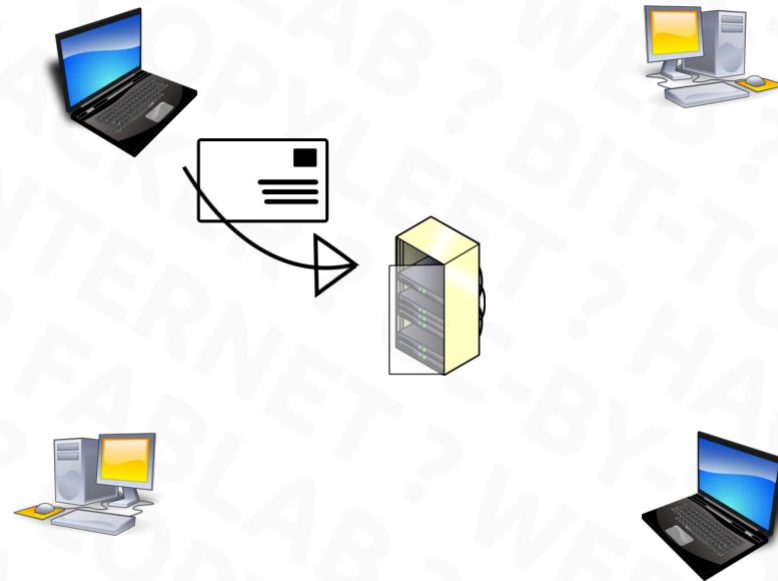
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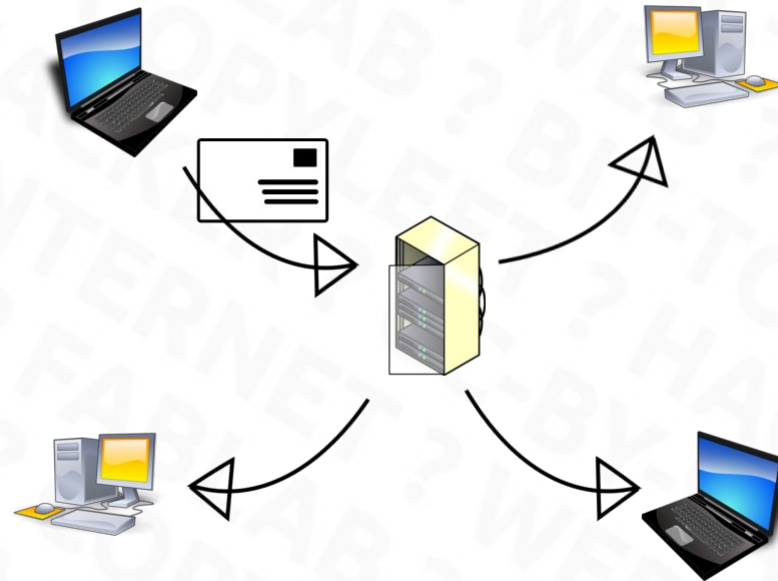
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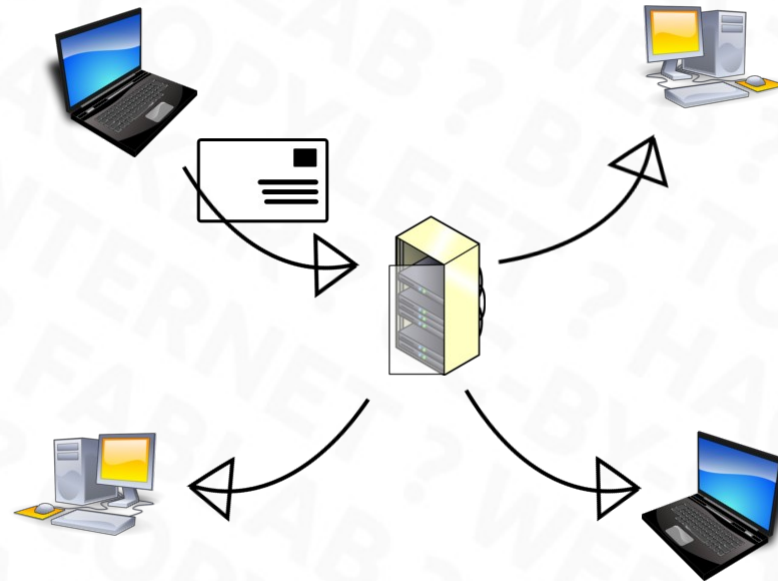
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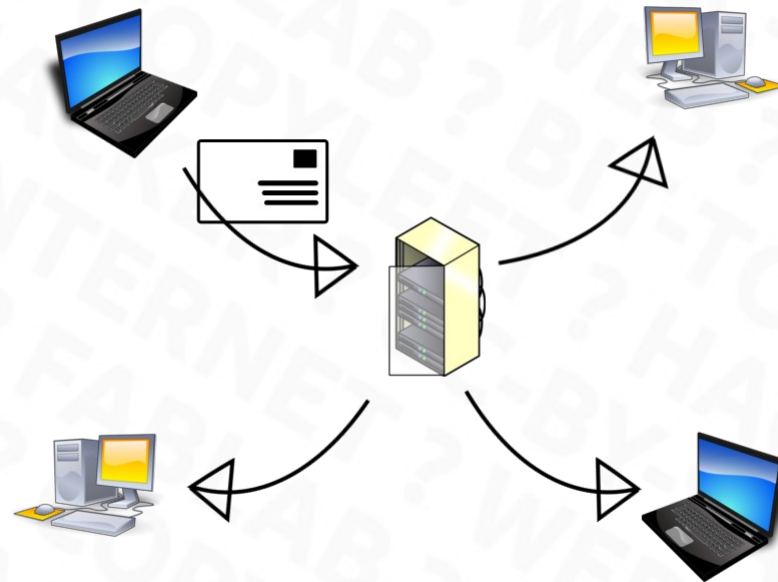
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How to search with **Email-lists**?

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How to search with **Email-lists**?

- When you look for an information make a research in your archive or the on-line archive.

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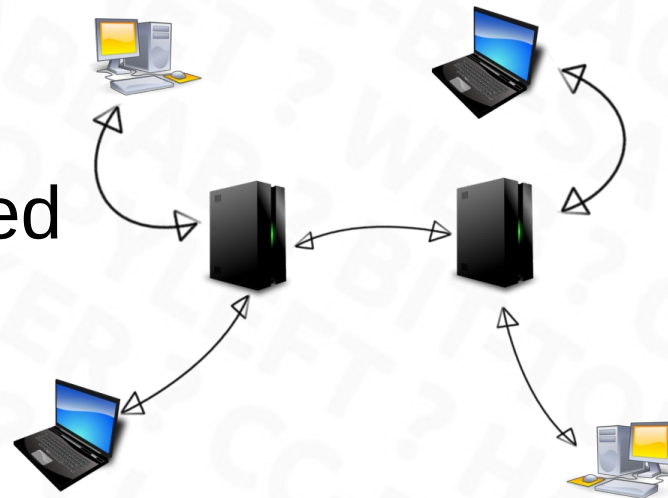
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What are the **IRC** (Internet Relay Chat) chat rooms?

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How does **IRC** works?

- Multi servers interconnected in a network: acentral.



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The example of the **#witi** IRC channel:

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IRC search engines:

- <http://searchirc.com/>

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How to search with **RSS & Potcast**. 

- Follow a feed
- Any time the author update its feed you get a notification
- The information comes to you, but the one you have chosen !!

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## Advantages:

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- you can discuss, debate, comment...

# Looking for information on the Internet.



**Thunderbird** the best Internet tool box !

But not the only one: i.e. icedove ;)

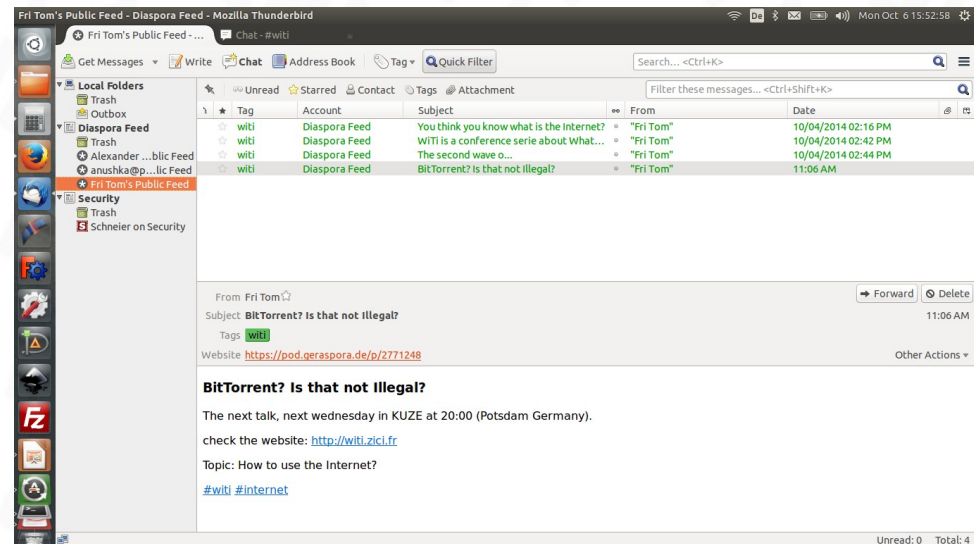
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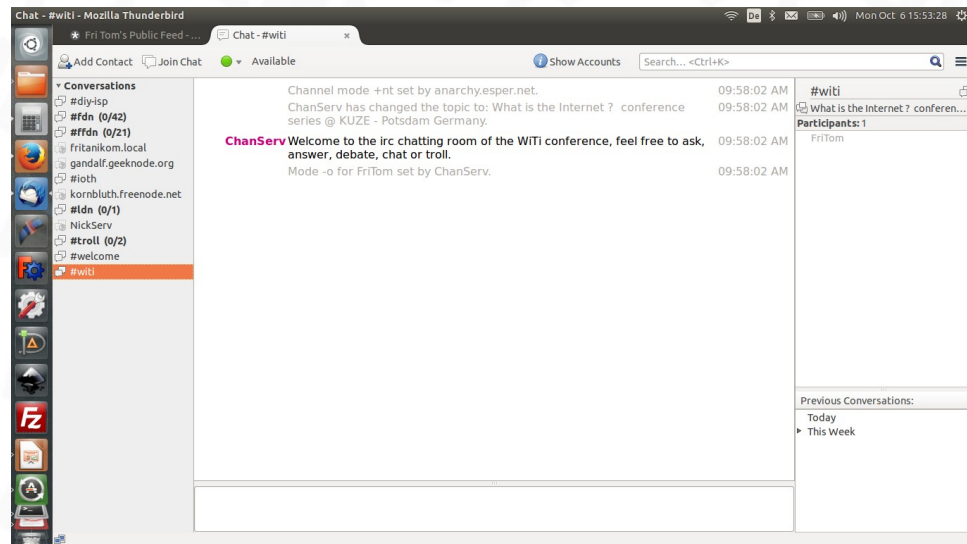
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The path to become an Internaute:

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- Use other services than the web: i.e. build your own library and share it with the world with ftp, torrent ...

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The path to

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**Self-Hosting**

chan...

your own

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- What is a server? a special program

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  - which deliver a service (web, mail, irc ...)
  - which is listening to given ports of your network connection.



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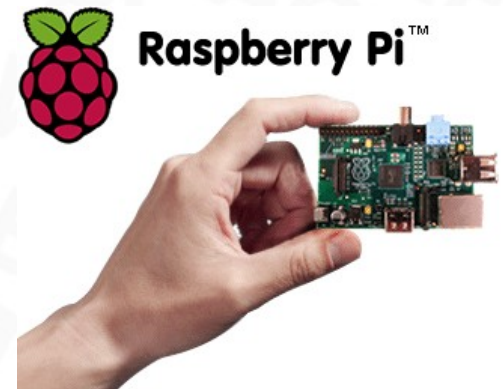
- A computer which is exclusively used to listen to the network. (Google servers)
- Your computer on which you can install one or several servers (software)

# Sharing information with the Internet.

**Self-hosting:** you need a **server**.

What is a server?

- A machine which run a least one program which listen to the network deliver a service.



- A software which listen and deliver the service.



# Sharing information with the Internet.

**Self-hosting:** you need a **server**.

- **Web server:** NGINX, lighttpd, LAMP, XAMP, WAMP, MAMP, ...
- **Mail server:** Postfix, ...
- **FTP server:** ftpd, ftpd-ssl, vsftpd ...
- **SQL server:** MySQL, Postgresql, firebird ...
- **Torrent servant:** Azureus, Vuze, ...

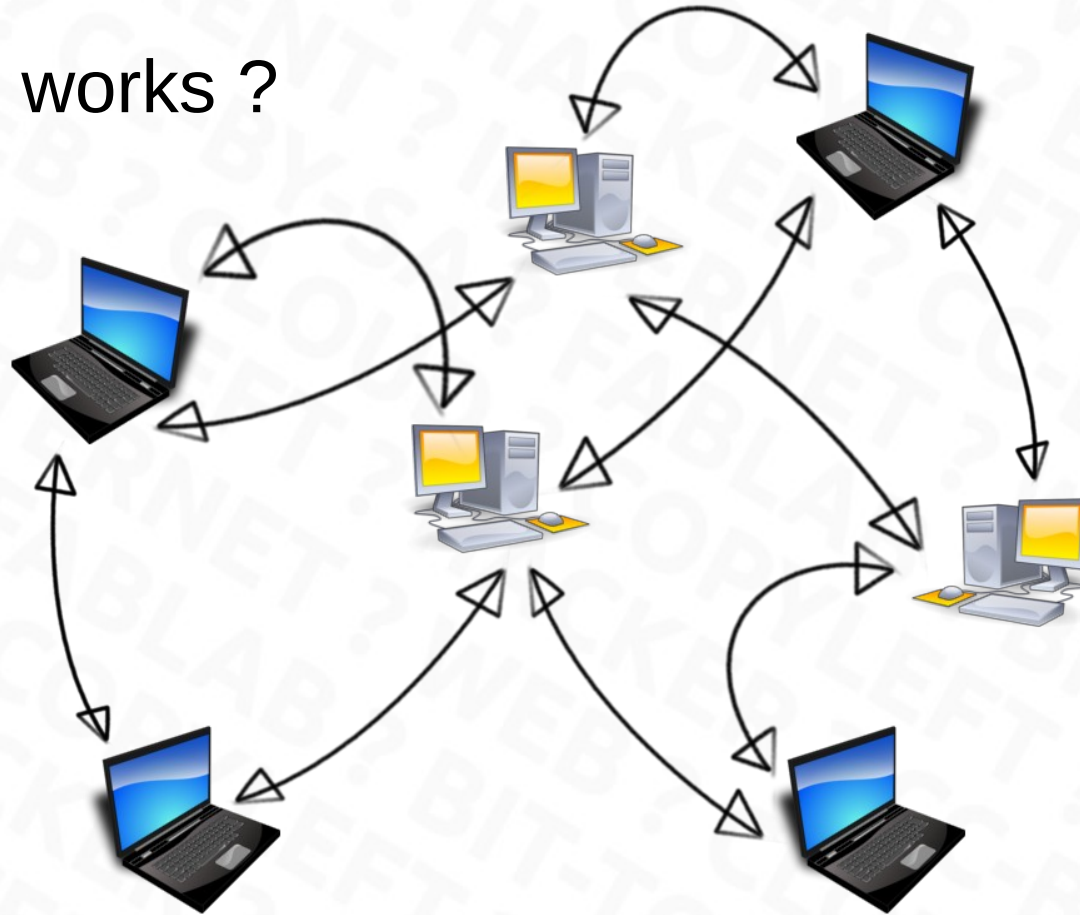
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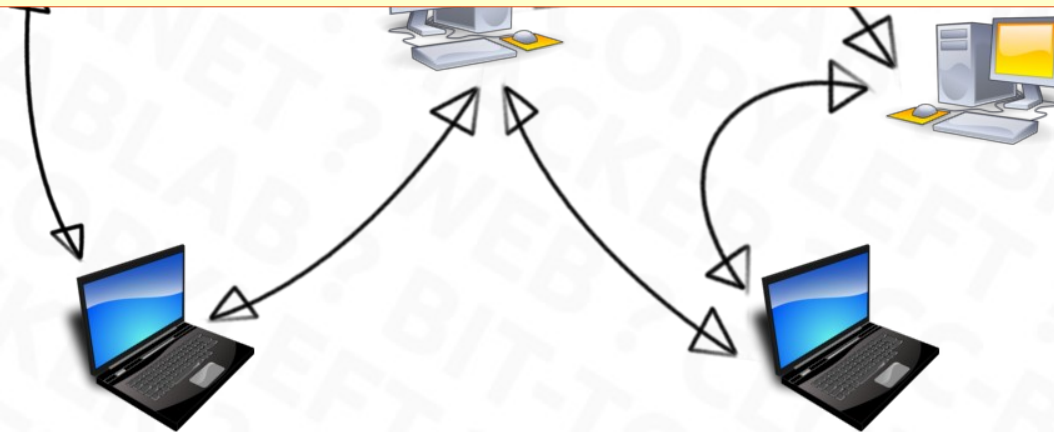
# The ultimate Internet tool

- **Torrent**

- How it works ?



What you put on the network is not yours anymore,  
let it go !!



# The ultimate social network

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## The Internet

# The ultimate social network

**The Internet** is the ultimate social network! Imagine using all these tool together, on a decentralized manner.



# The ultimate social network

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DIASPORA\*

# How to use the Internet?

- Think **different**.
- Be **active**, be part of it.
- The tools are there, just use them. **Learn** how to use them
- The Internet is **much more** than just the web, google search engine, facebook and so on...
- **Sharing** is about losing control

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# How to use the Internet?

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- The Internet is **much more** than just the web, google search engine, facebook and so on...
- **Sharing** is about losing control → in two weeks.

# How to use the Internet?

*We are the **Internet** let's take it back !*