

**Blurry line**  
between  
**private service**  
and  
**public infrastructure**

*(or how we're losing the Internet)*

Twister: **@rysiek**

Diaspora: **rysiek@joindiaspora.com**

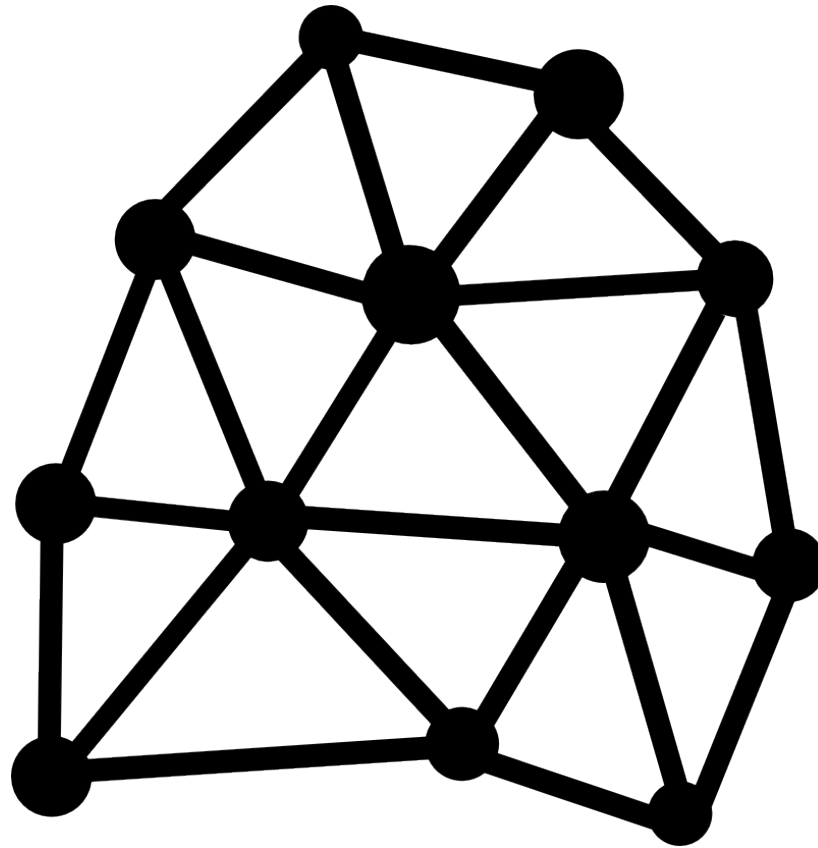
Mail/XMPP: **rysiek@hackerspace.pl**

Technology is neither good nor  
bad;

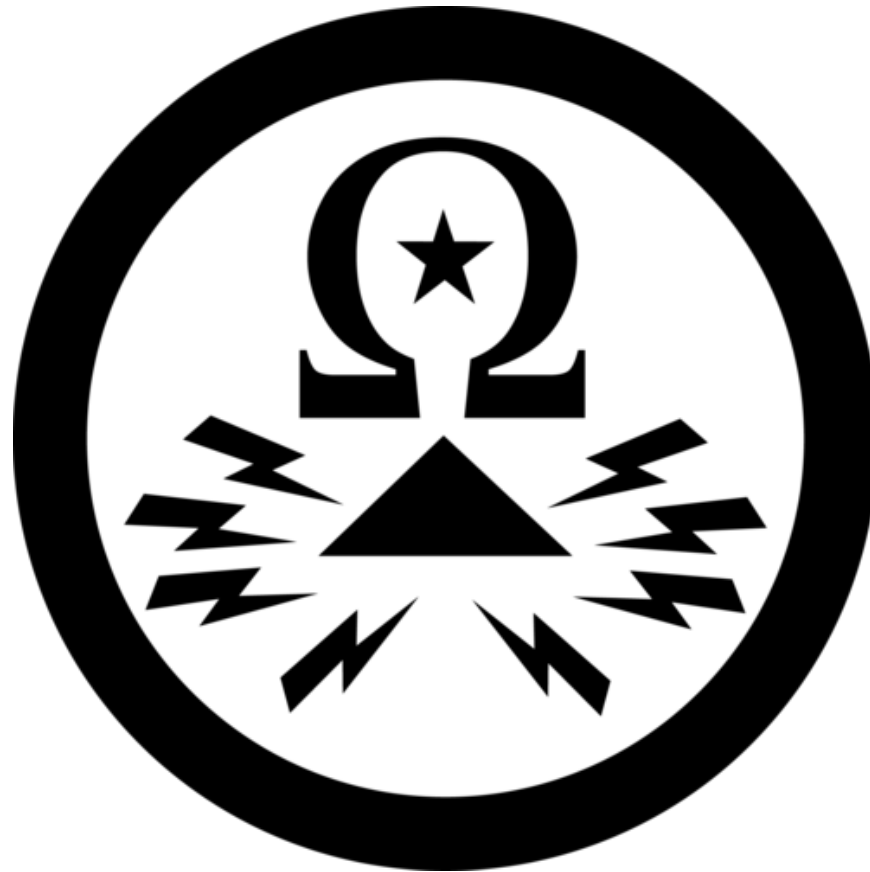
**nor is it neutral.**

*Melvin Kranzberg*

# Neither good nor bad...



**...nor neutral**



Loongcat is **loooooooooooooong.**

*Gustaw Leldon*

# The Net interprets censorship as damage **and routes around it**

*John Gilmore*

**XZIBIT A**





# XZIBIT A

City of London's "*Police Intellectual Property Crime Unit*" insists on taking down websites of suspected copyright infringers.

# XZIBIT A

**City of London's *"~~Police Intellectual Property~~  
Thought Crime Unit*"** insists on taking down  
websites of **suspected** copyright infringers.

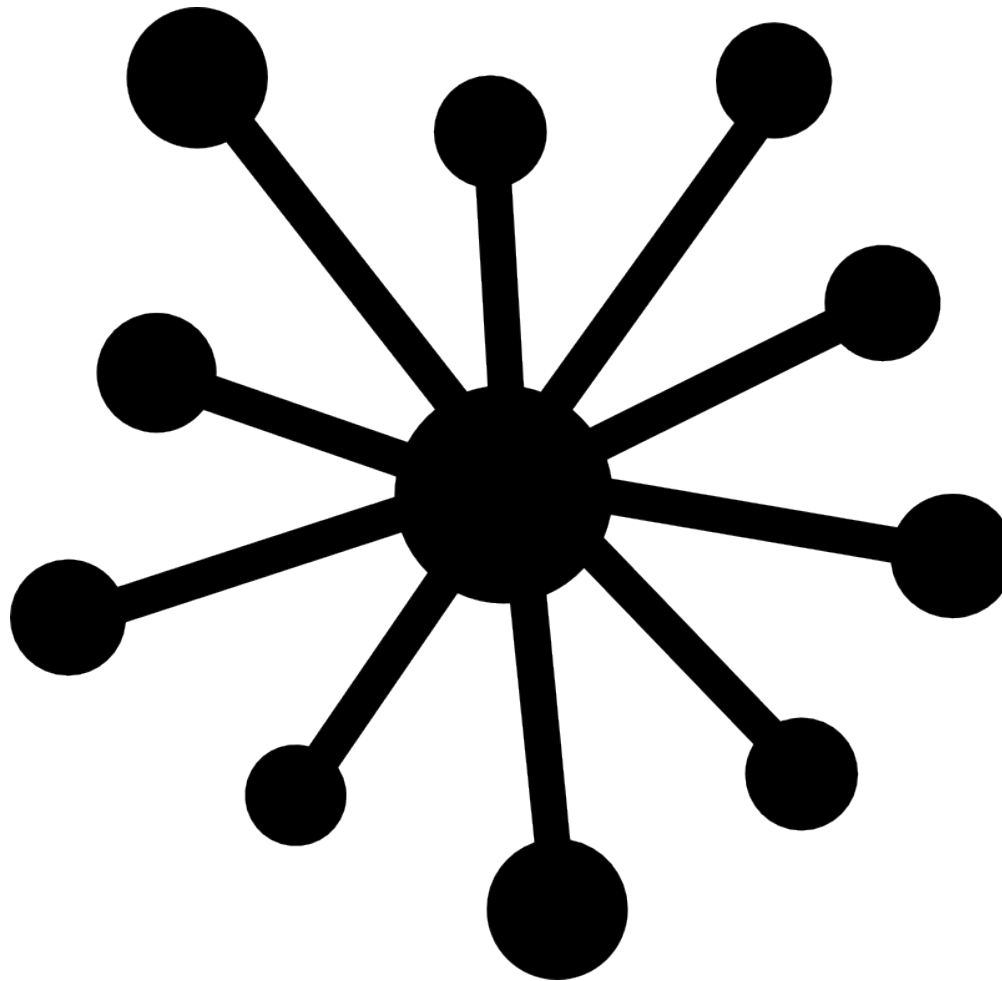
# **XZIBIT A**

**ICANN HAZ CONTROL?**

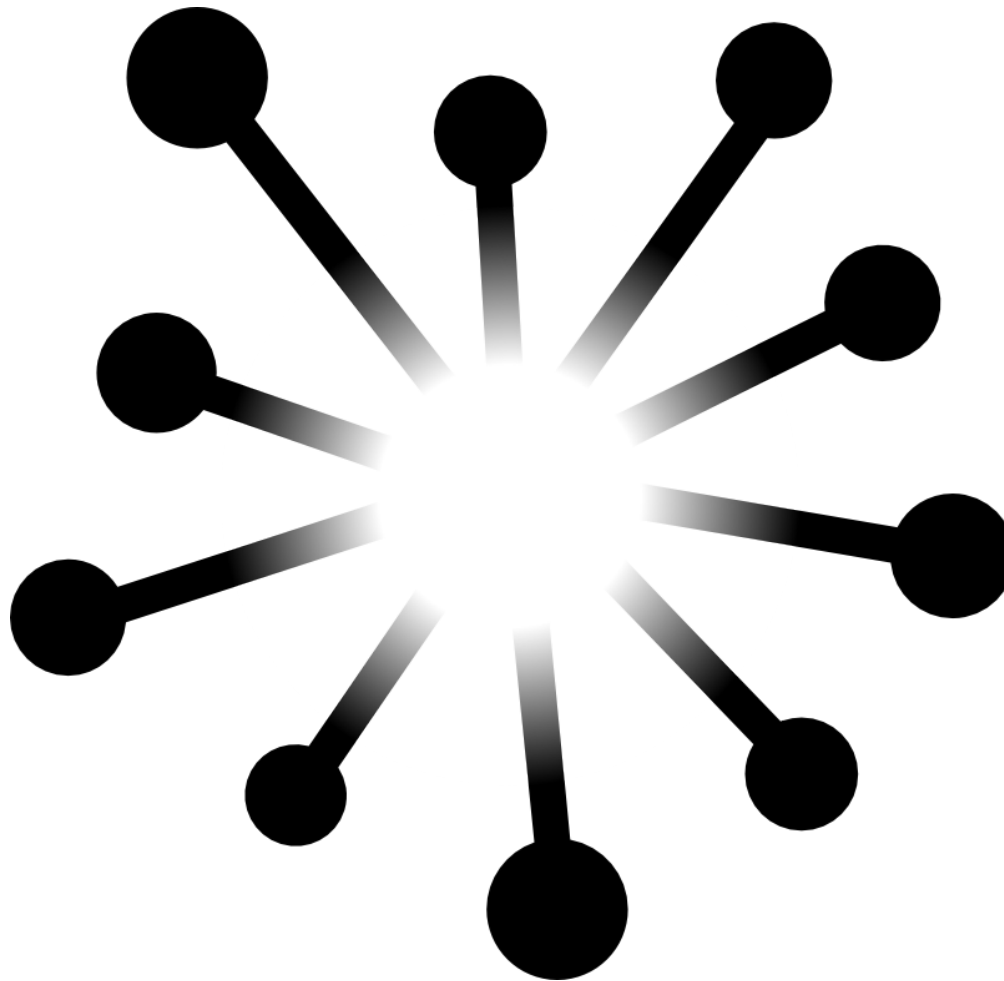
**XZIBIT B**



# XZIBIT B



# XZIBIT B



# WIN

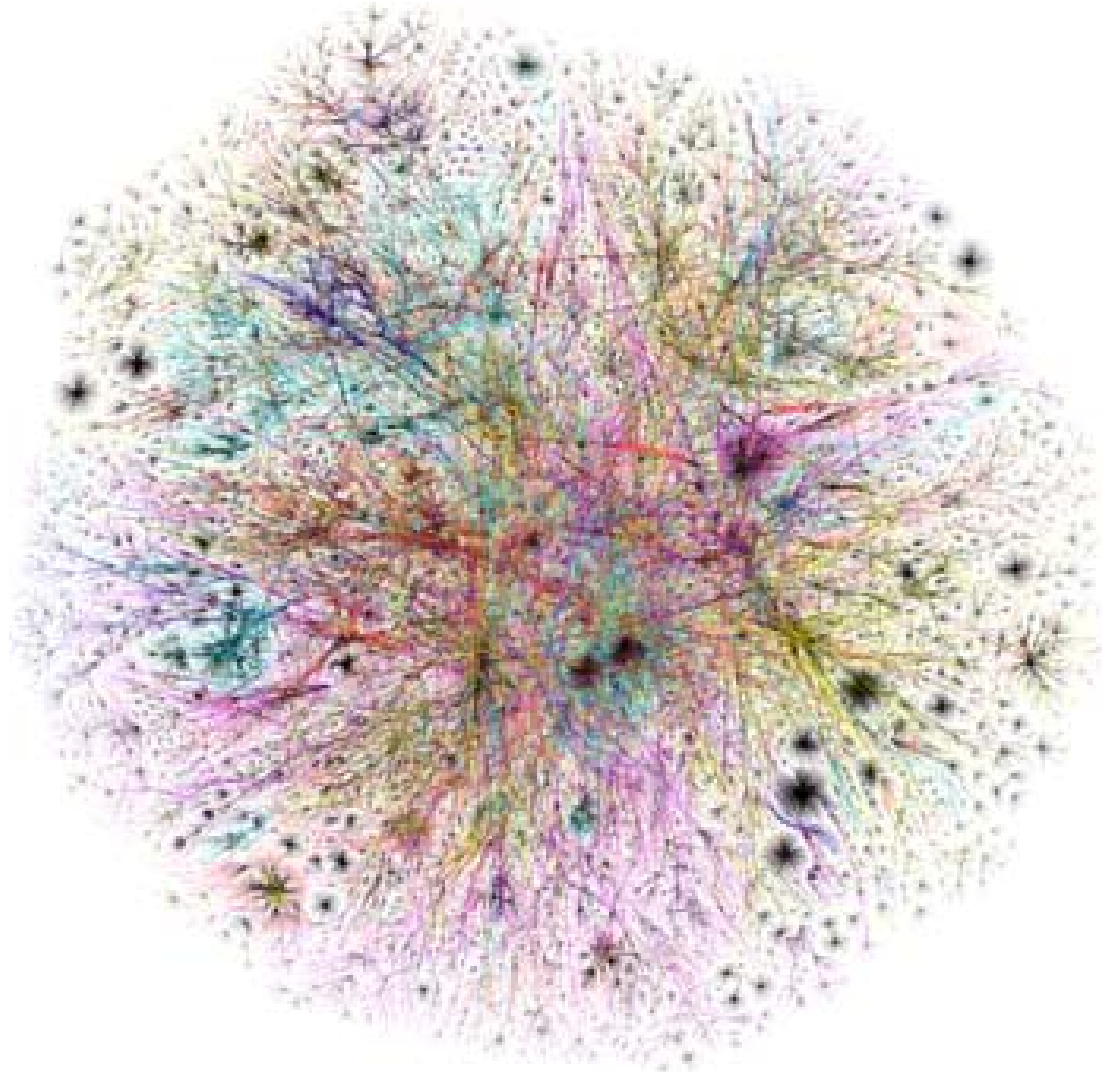
- ICANN decentralization, Net Neutrality, etc.
- FFDN – Federation of Non-profit ISPs

# WIN?

- ICANN decentralisation
- FFDN
- **Walled gardens**



# The Internet



„The Internet” (2006)

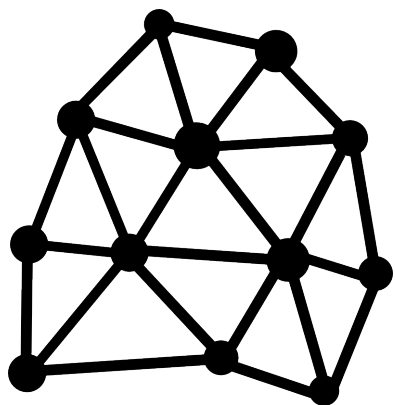


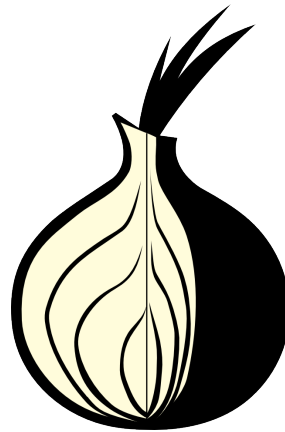
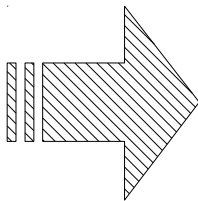
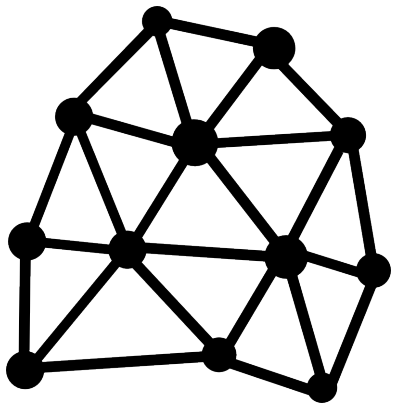
„The Internet” (now)

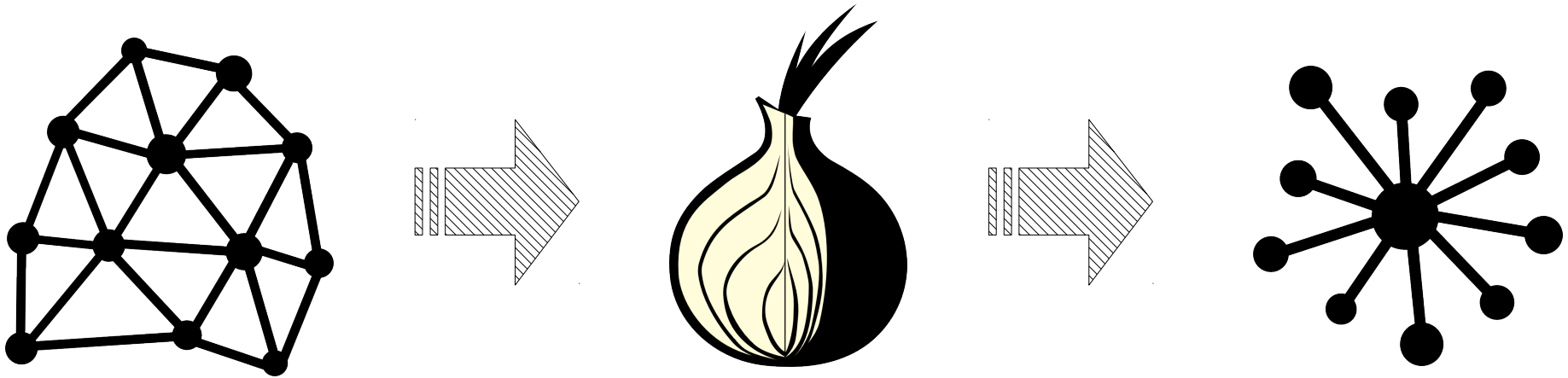


„The Internet” (now)







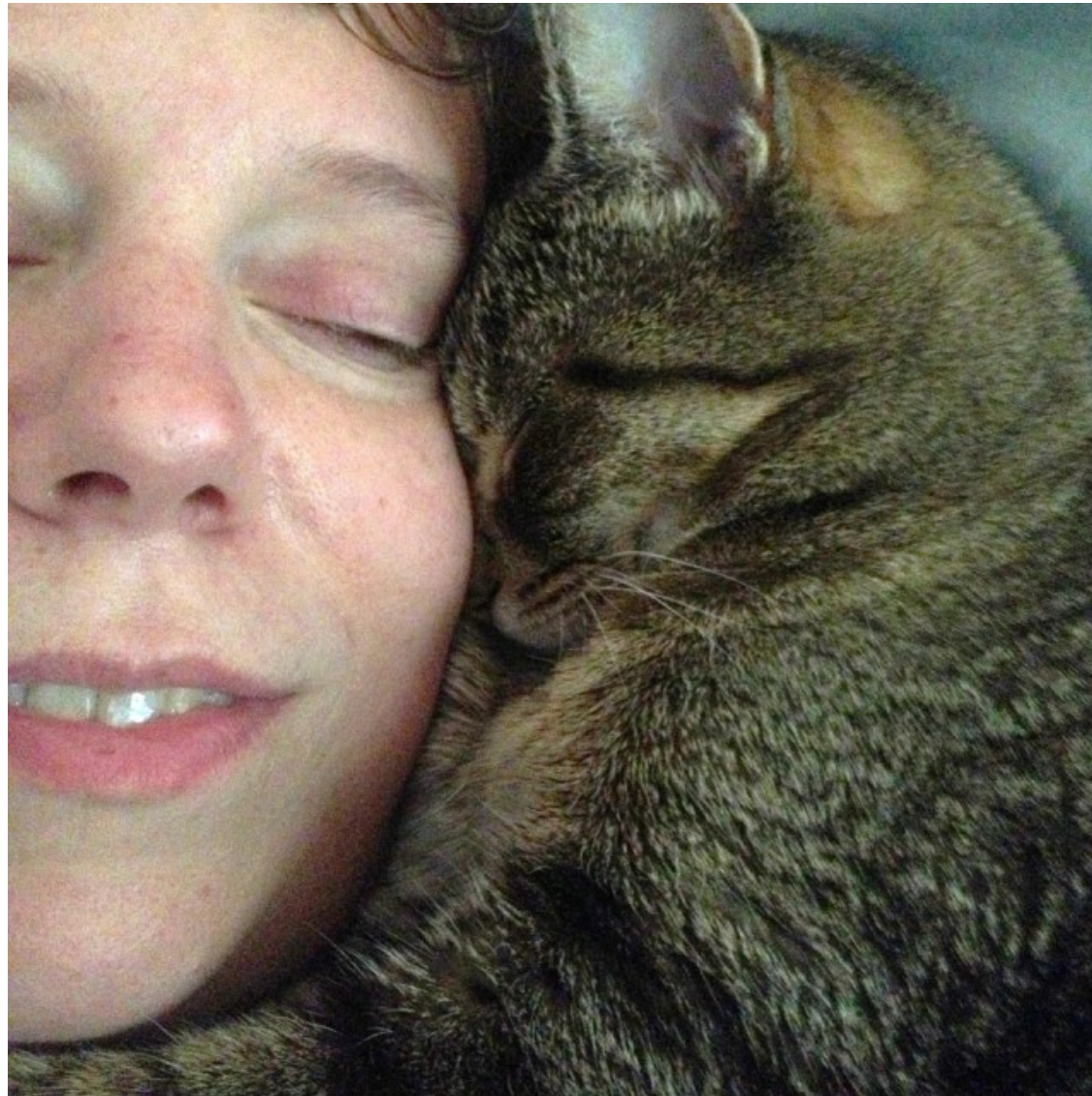


source: The TOR Project logo

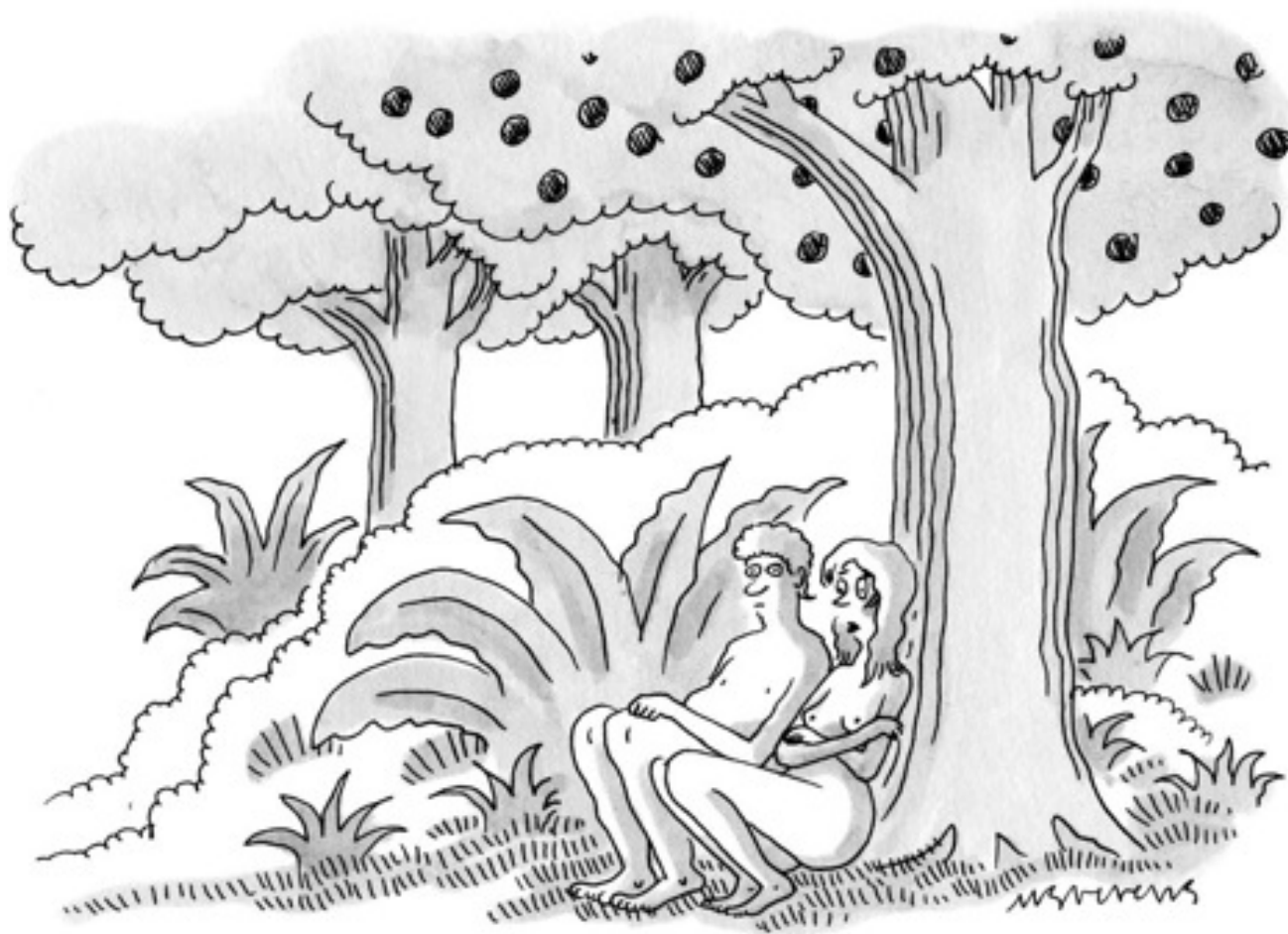




What good's a phone call if you  
cannot... **speak**

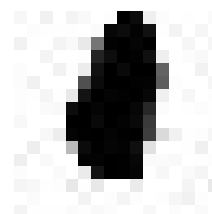
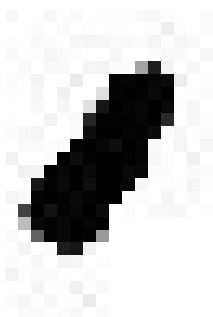


What good's a phone call if you  
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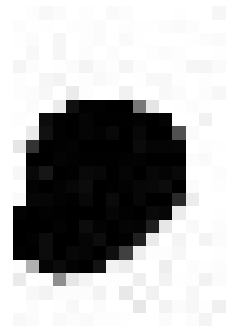
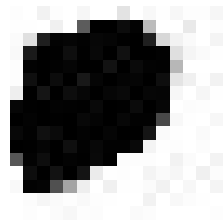


*"Well, it was original."*

GOOD:



BAD:



What good's a phone call if you  
cannot... **speak**



# What good's a phone call if you cannot... **speak**



The Net interprets censorship as  
damage  
**and routes around it**

**NOT**

*John No-more*

Private service

≠

Public infrastructure



- @Something (controlled by Twitter)
- /Something (controlled by Facebook)
- +Something (controlled by Google)
- Something.**tld** (controlled by ICANN)

**WORRIED ABOUT GOVERNMENT CENSORSHIP?**



**THAT'S CUTE**

memegenerator.net

**If it's technically possible, it's  
practically unavoidable.**

*rysiek's law of unavoidable consequences*

# **The Federation**

# The Federation

## **Episode IV: A New Hope**

# The Federation

## Episode IV: A New Hope





## Founding Species of The Federation

The Federation

**DIASPORA STILL HAS  
NO**

**CLIENT API**

memegenerator.net



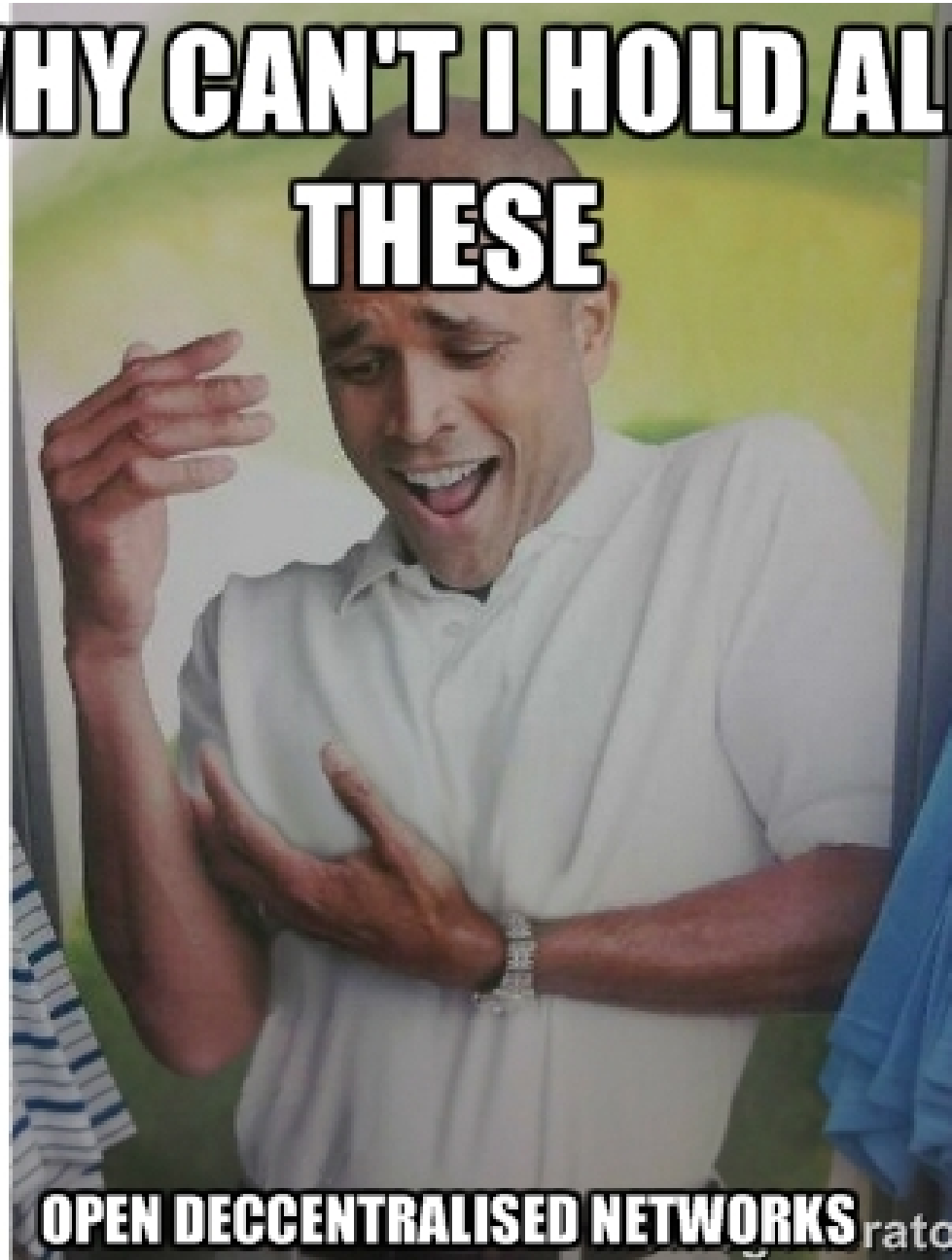
# The Federation

HOW STANDARDS PROLIFERATE:  
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)



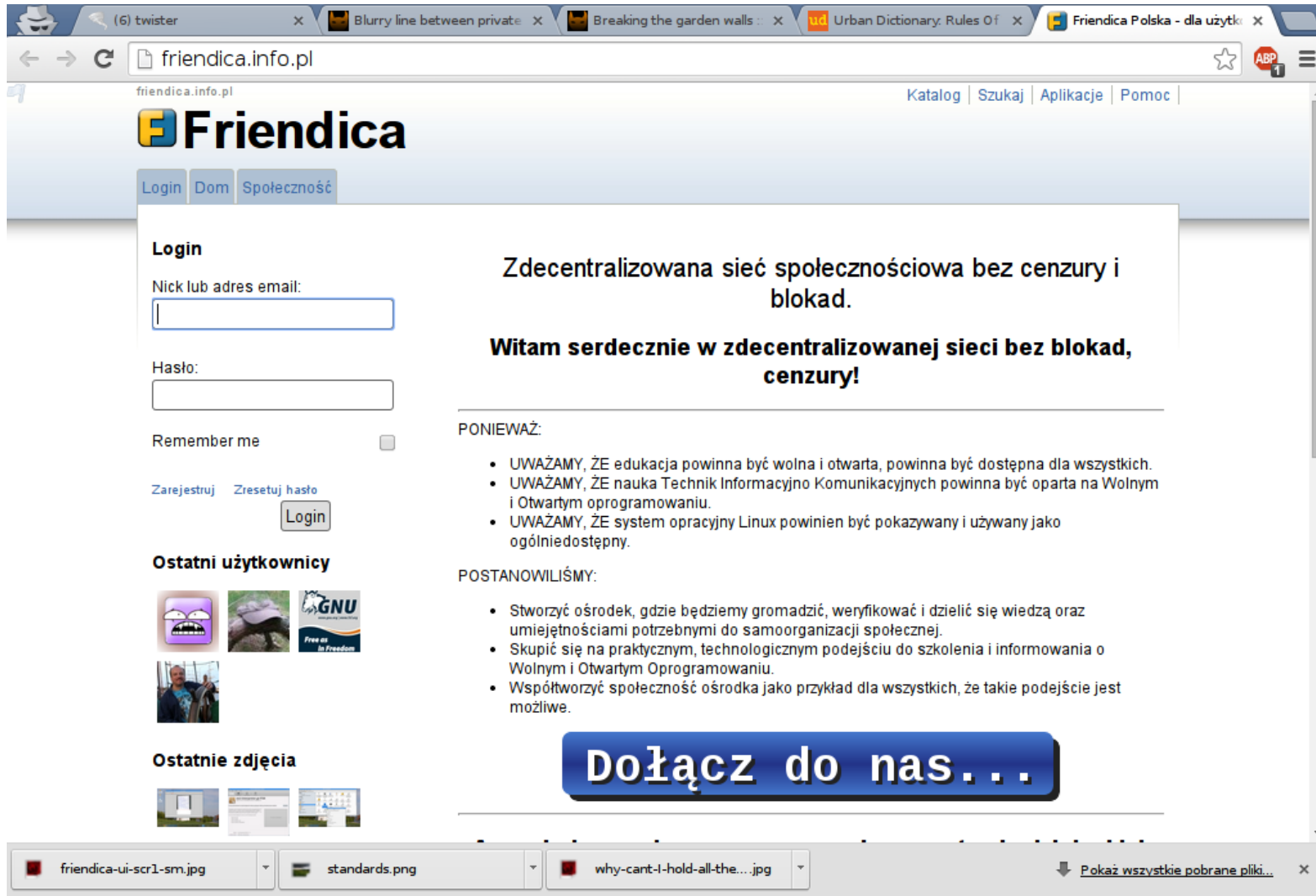
# The Federation

**WHY CAN'T I HOLD ALL  
THESE**



**OPEN DECENTRALISED NETWORKS** [rator.net](http://rator.net)

# The Federation



# The Federation



source: <http://www.jimis-cyberstore.com/store/khaaaaaan-tee-star-trek-t-shirt-cbs231.html>

Technical decision



non-technical outcome

No interoperability



Less users

# The Federation

**We can rebuild him.**



**We have the technology.**

# The Network Effect

The **more people use** a given telecommunication solution...

**...the more inclined other people will be to use it.**



# Marketing!

The **more people use** a given telecommunication solution...

**...the more inclined other people will be to use it.**

# Marketing!

„But! Users do not want to switch!”

# Marketing!



Say **Ello** to my little friend.

# Marketing!

„But! Geeks can't into marketing!”

# Marketing!



# Marketing!



INB4 though...

INB4 Though...





*Come join us!*  
*We use^Whave cookies!*

Twister: **@rysiek**

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Mail/XMPP: **rysiek@hackerspace.pl**

# Links

- <http://rys.io/en/131>
- <http://rys.io/en/88>
- <https://joindiaspora.com/tags/thefederation>
- <https://joindiaspora.com/posts/5068876>
- <https://joindiaspora.com/posts/5022661>
- <http://twister.net.co/>
- <http://www.youtube.com/watch?v=IPloO3Pkc5U>
- <http://www.ffdn.org/>
- <http://blog.ninapaley.com/2012/12/06/the-shocking-photos-that-violated-facebooks-policies/>
- <http://www.newyorker.com/cartoons/bob-mankoff/nipplegate>
- <http://www.thenewcivilrightsmovement.com/has-facebook-censorship-gone-too-far/politics/2011/11/07/29714>
- <https://www.facebook.com/notes/protect-the-graph/making-connections-to-facebook-more-secure/1526085754298237>

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