

# Technomonopolies



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**inb4**

# Technomonopolies

- ♦ The only supplier of a product or service on a given market
- ♦ High barriers of entry
- ♦ No good substitute

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# Healthy market

## Mobile network

- ♦ Well-established standards (GSM, UMTS, HSDPA, ...)
- ♦ Keeping contact possible regardless of service provider

...hence...

- ♦ Free and independent selection of:
  - Service provider
  - Device

# Healthy market

## E-mail

- ♦ Well-established standards (SMTP, POP3, IMAP, ...)
- ♦ Keeping contact possible regardless of service provider

...hence...

- ♦ Free and independent selection of:
  - Service provider
  - User agent

# Healthy market?

## Browsers

- ♦ Embrace, Extend, Explorer
- ♦ Websites created for a particular browser

...hence...

- ♦ Barriers to selecting a browser freely





# Healthy market!

## Browsers

- ♦ Return to standards
- ♦ Standards-based website design

...hence...

- ♦ Independent choice of a browser



**WHAT WE?**



**BROWSERS!**



**BROWSERS! BROWSERS!**



**WHAT WE WANT?**



**MORE  
SPEED!**



**MORE  
SPEED!**



**MORE  
SPEED!**



**AND WHEN WE  
WANT?**



**RIGHT  
NOW!!!**



**RIGHT  
NOW!!!**



**RIGHT  
NOW!!!**



**BROWSERS!**



# Healthy market?

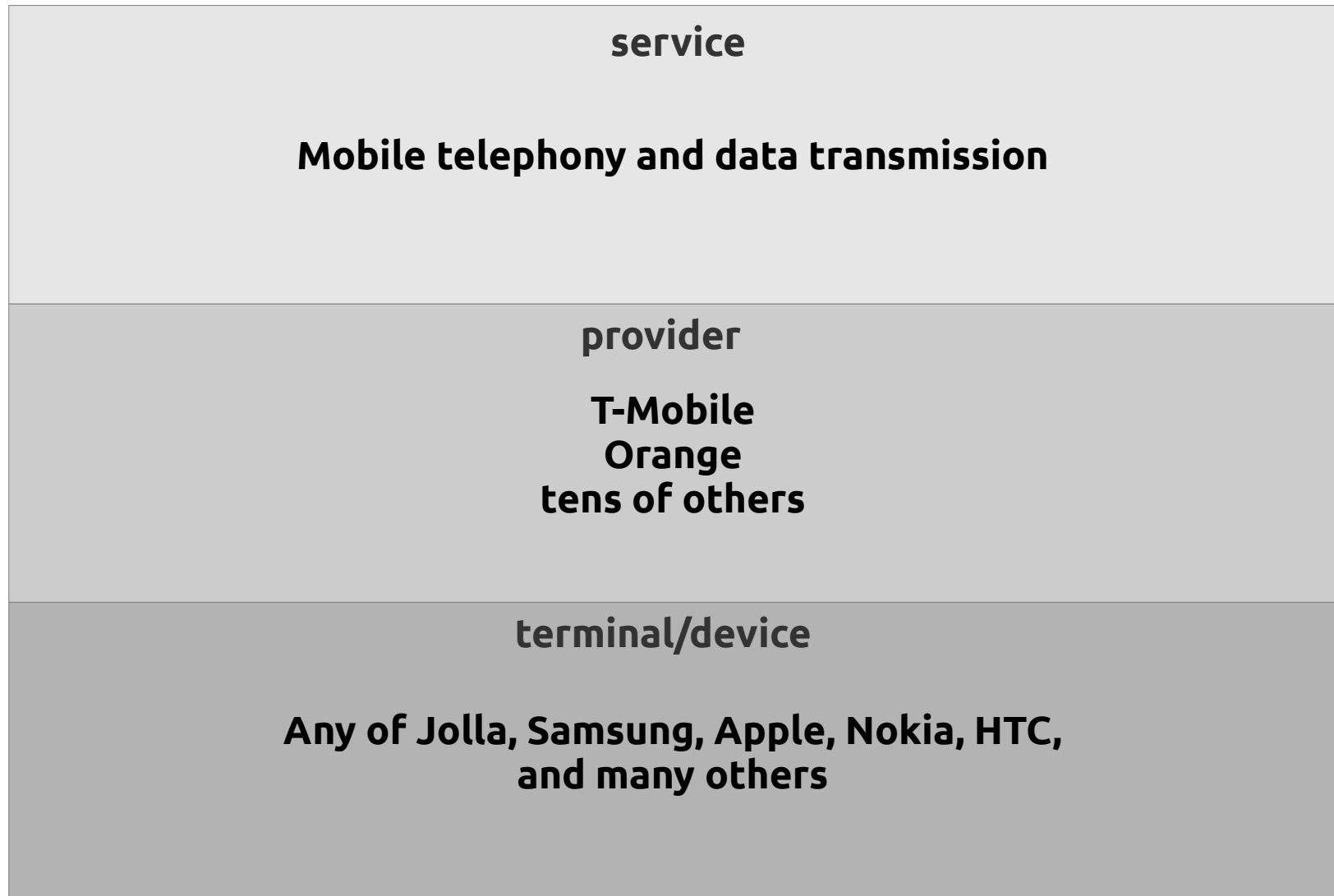
## Google Search

- ♦ Low barrier of entry
- ♦ Several providers (Bing, DuckDuckGo, ...)

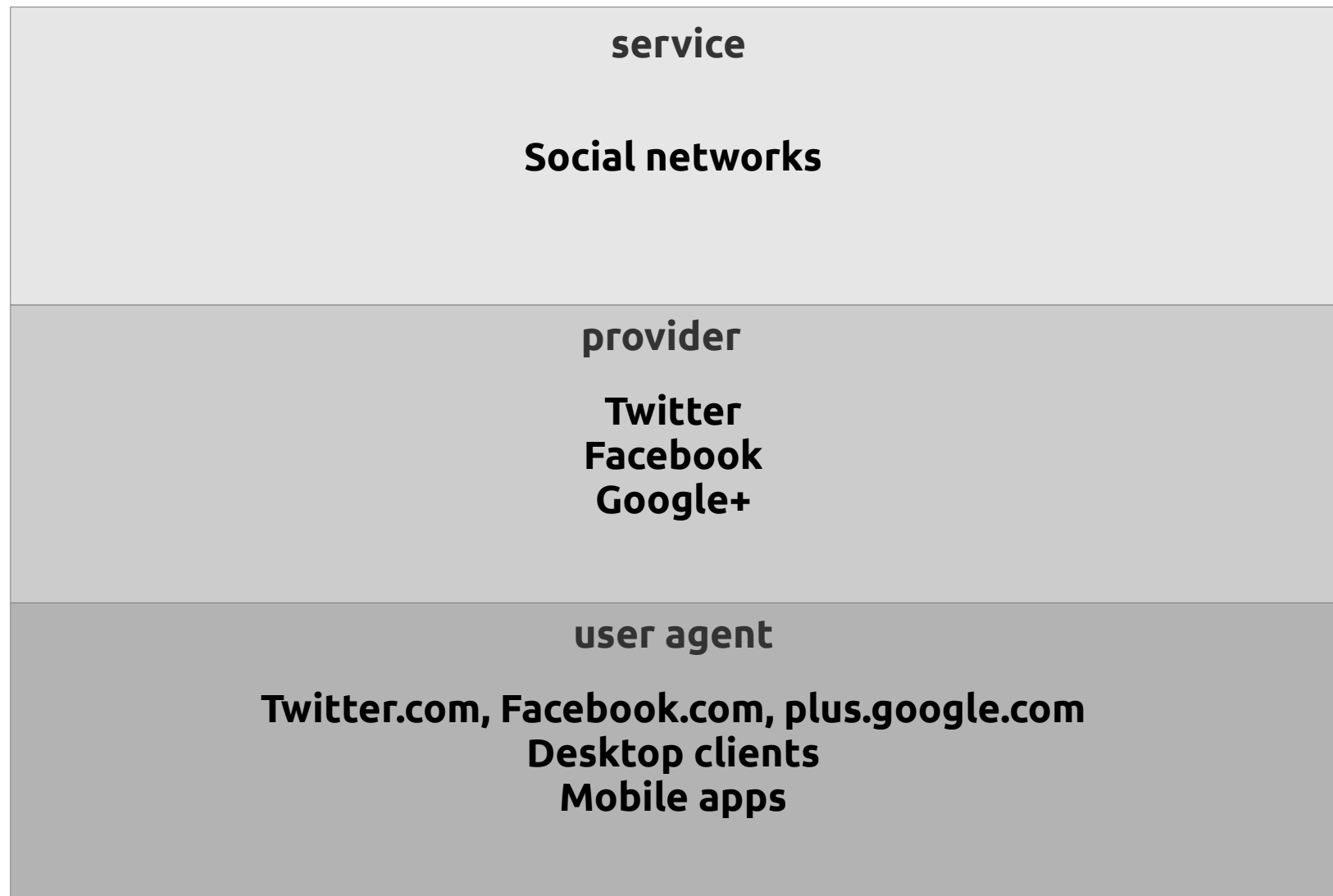
...hence...

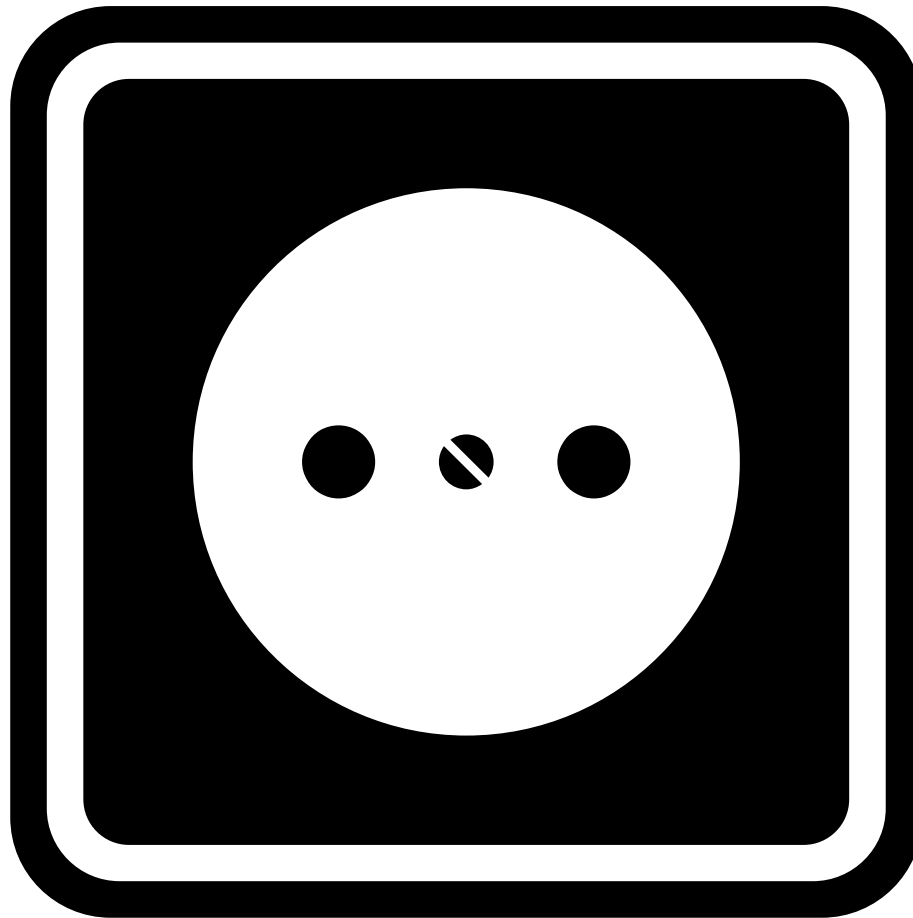
- ♦ Choice of provider regardless of Google's dominance

# Mobile network



# Social networks

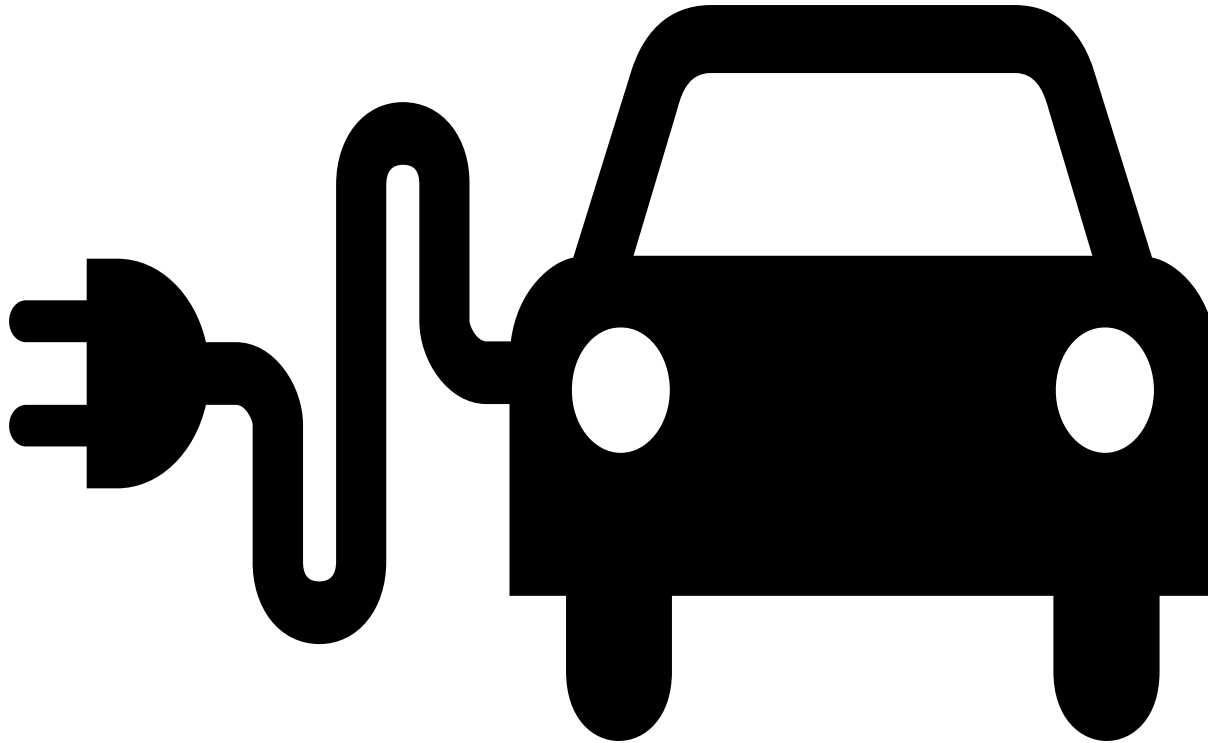




Outlet, Arthur Schlain, the Noun Project, CC-By 3.0



Outlet, Arthur Schlain, the Noun Project, CC-By 3.0





# Social networks

- Who has a Facebook account?

# Social networks

- ♦ Who has a Facebook account?
- ♦ Why won't you close it and move to Diaspora or Google+?

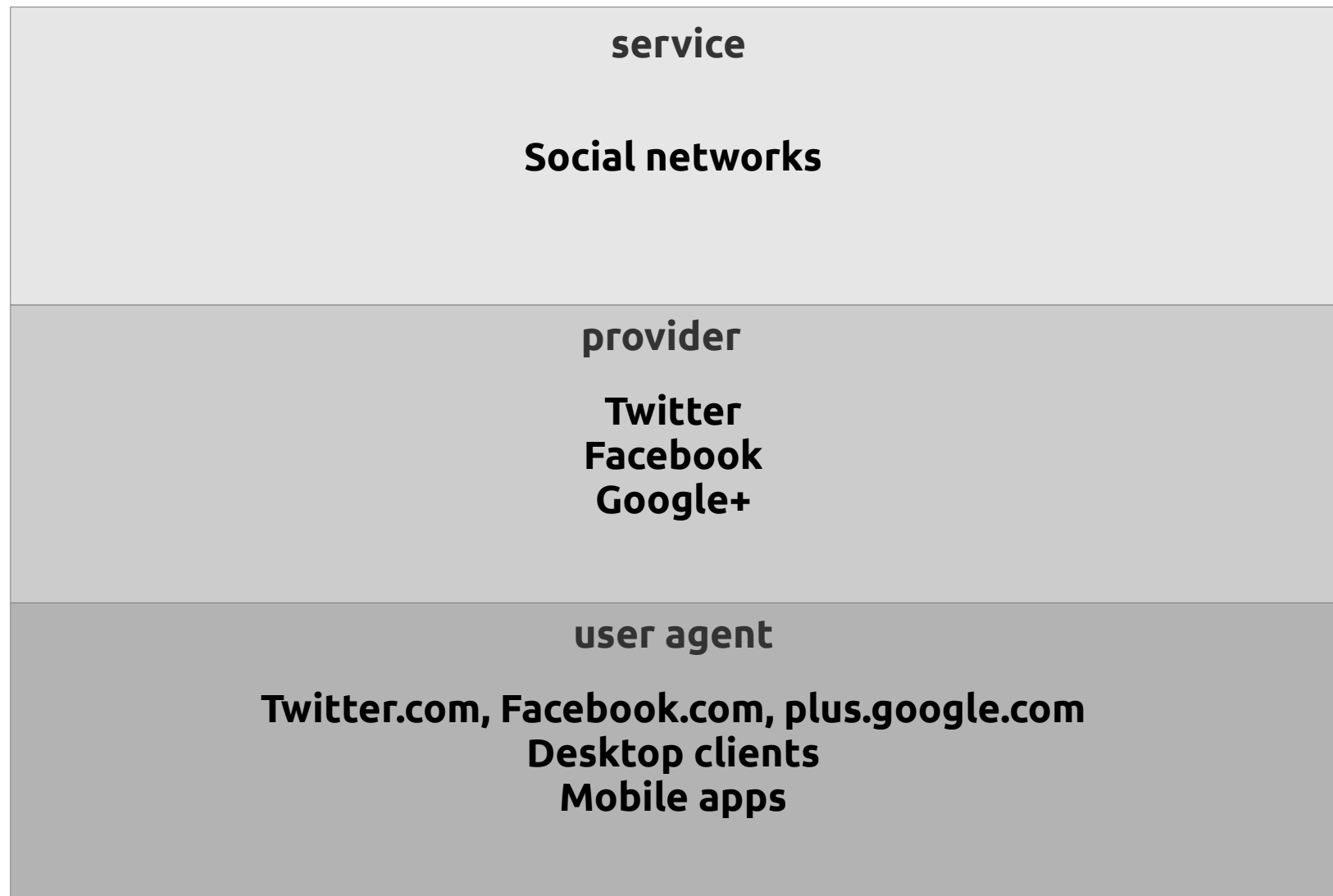
# Social networks

- ♦ Kto ma konto na Facebooku?
- ♦ Why won't you close it and move to Diaspora or Google+?
  - „All my friends are on Facebook”  
...hence...

# Social networks

- ♦ Kto ma konto na Facebooku?
- ♦ Why won't you close it and move to Diaspora or Google+?
  - „All my friends are on Facebook”  
...hence...
  - **Facebook is the only provider of the service of keeping in touch with Facebook users**

# Social networks



# Social monopolies

**service:  
Facebook**

**provider:  
Facebook**

**user agent:  
Any FB client**

**service:  
Twitter**

**provider:  
Twitter**

**user agent:  
Any Twitter client**

**service:  
Google+**

**provider:  
Google**

**user agent:  
Any Google+ client**

# Cloud monopolies

**service:  
iCloud**

**provider:  
Apple**

**user agent:  
iCloud**

**service:  
SkyDrive**

**provider:  
Microsoft**

**user agent:  
SkyDrive**

**service:  
DropBox**

**provider:  
DropBox**

**user agent:  
DropBox**

# IM Monopolies

**service:**  
**Skype**

**provider:**  
**Skype**

**user agent:**  
**Skype**

**service:**  
**iMessage**

**provider:**  
**Apple**

**klient:**  
**Message**

**usługa:**  
**Gtalk/XMPP**

**dostawca:**  
**Google**

**klient:**  
**GTalk**





# Network effect

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The more people use a given communication platform, the more people will start using it

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The more people use a given communication platform, the more people will start using it

(or, the harder it will be for people not to use it)

(and, the more power the entity controlling the platform has)

- ♦ Who uses Google Chrome?

- ♦ Who uses Google Chrome?
- ♦ ...as their main/only browser?

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**BROWSERS!**



- ♦ Who uses Google's XMPP/GTalk?



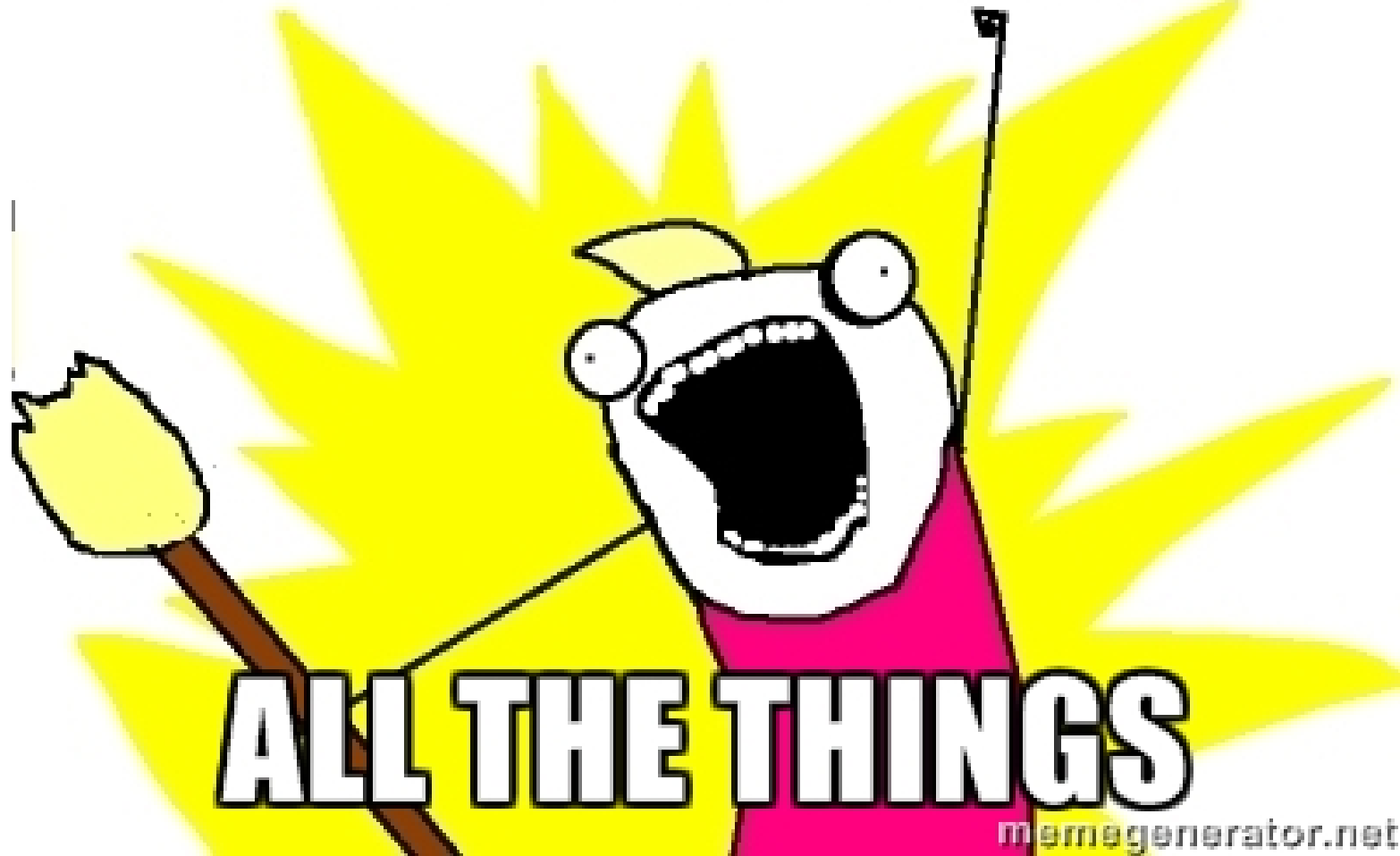
- ♦ Who uses Google's XMPP/GTalk?
- ♦ Who has and uses any other XMPP account, outside Google's infrastructure? And uses it?

# Freedom ecology

Don't do it to yourself, don't do it to others.

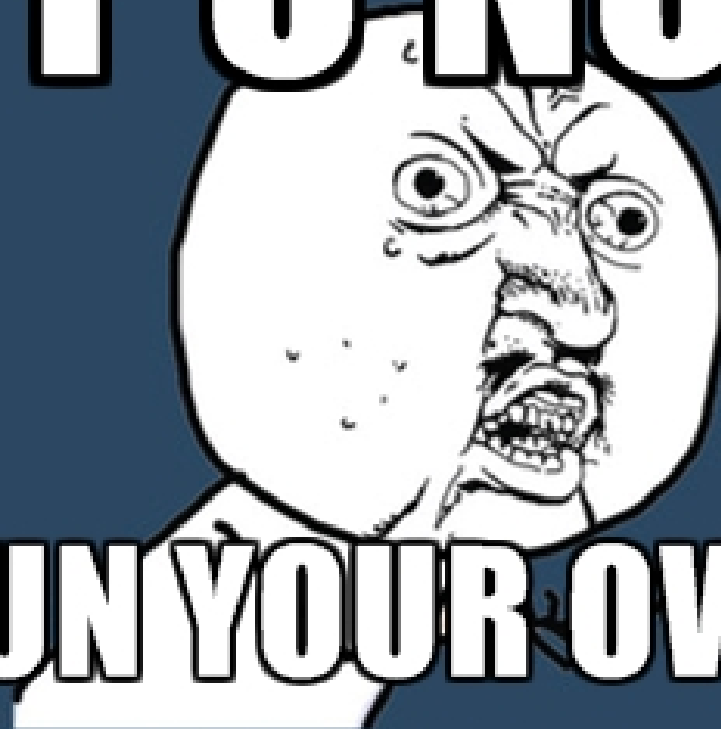
**WAT DO?**

**DECENTRALISE**



**ALL THE THINGS**

**Y U NO**



**RUN YOUR OWN  
SERVER**

**COME ON IN**

**THE OTTERS GREAT!**

# Thanks!



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