

Intro



# Wer sind wir?



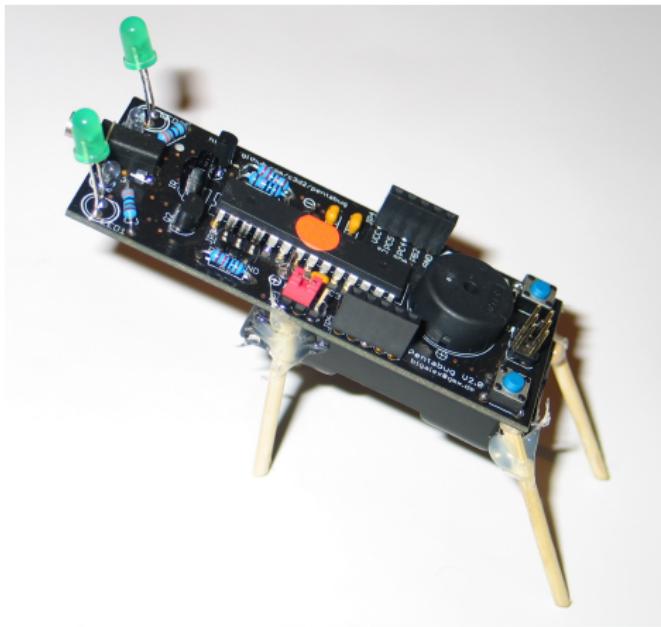
# Wer sind wir?



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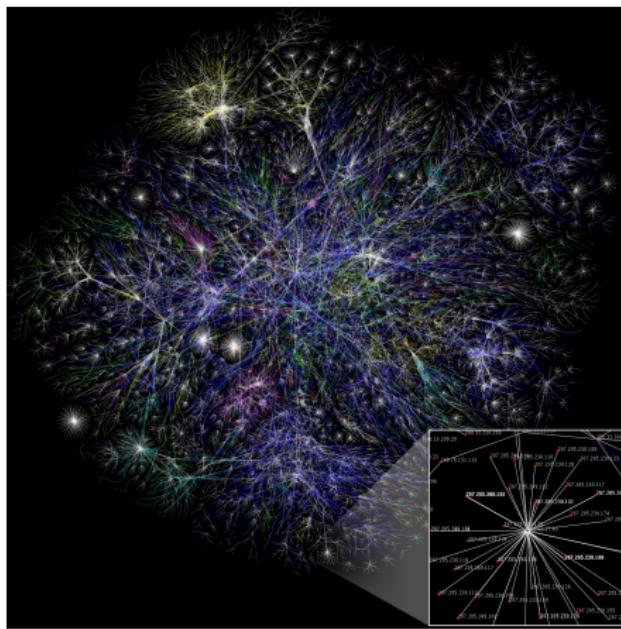
# Wer sind wir?



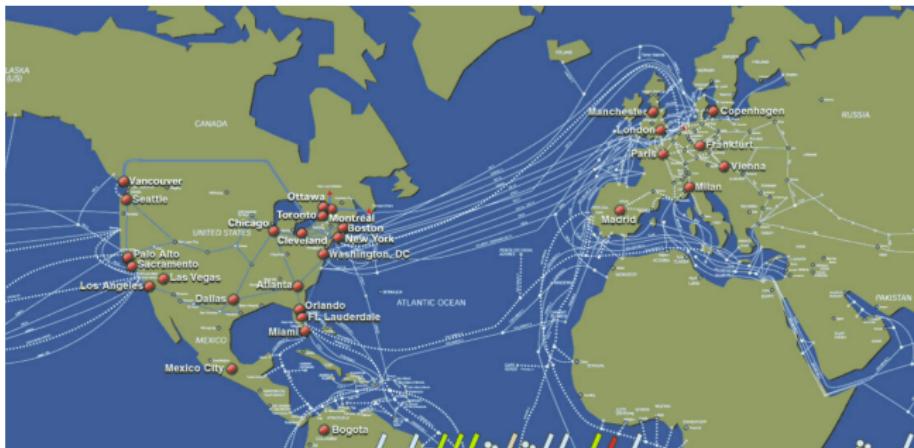
# Wer sind wir?

- seit ca. 2007
- Ehrenamtlich organisiert
- Bildung und Sensibilisierung

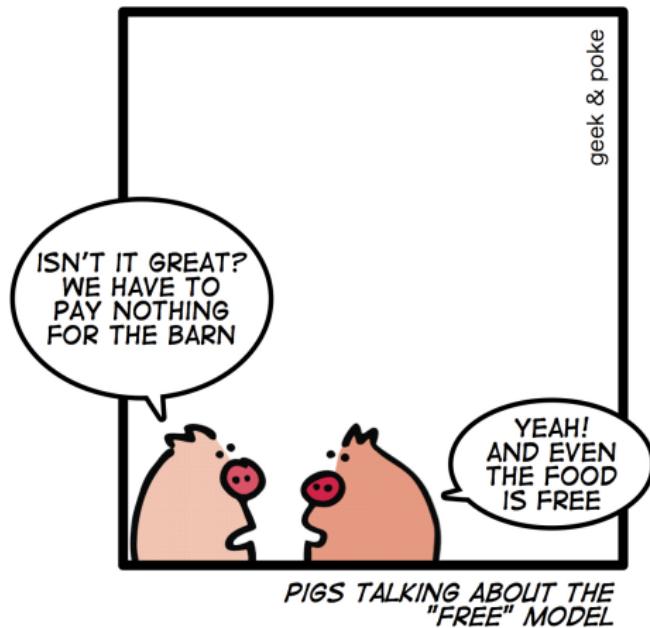
## Internet



# Internet



# Soziale Netzwerke



# Soziale Netzwerke

Mögliche Fragen ...

- Ausdrucken?
- vom Balkon rufen?

# Tracker & Cookies



- Verlauf
- Betriebssystem
- Browser
- Bildschirmauflösung
- Plugins
- Schriftarten
- Zeitzone

# Browser Fingerprint



A screenshot of the Panopticlick test page. The top navigation bar is black with the EFF logo, the text "A RESEARCH PROJECT OF THE ELECTRONIC FRONTIER FOUNDATION", and a "DONATE" button. The main title "PANOPTICCLICK" is in large, bold, white letters on an orange background. Below it is the subtitle "Is your browser safe against tracking?" in a smaller white font. A central white box contains text about browser tracking and the Panopticlick test's purpose. At the bottom of this box is a large orange "TEST ME" button. Below the button, a note states that only anonymous data will be collected. At the very bottom, it says the test is a project of the Electronic Frontier Foundation with a "Learn more" link.

When you visit a website, online trackers and the site itself may be able to identify you – even if you've installed software to protect yourself. It's possible to configure your browser to thwart tracking, but many people don't know how.

Panopticlick will analyze how well your browser and add-ons protect you against online tracking techniques. We'll also see if your system is uniquely configured—and thus identifiable—even if you are using privacy-protective software.

**TEST ME**

Only **anonymous data** will be collected through this site.

Panopticlick is a research project of the Electronic Frontier Foundation. [Learn more](#)

<https://panopticclick.eff.org/>

# Firefox Add-ons

- HTTPS Everywhere
- uMatrix
- uBlock Origin
- Lightbeam



# HTTPS Everywhere



# uMatrix

The screenshot shows the uMatrix interface for the website computerbild.de. The interface is a grid-based visualization where each row represents a domain and each column represents a resource type. The columns are labeled: Alle, Cookie, CSS, Bild, Plugin, Skript, XHR, Frame, and Andere. The rows list various domains, some of which have numerical values indicating the count of resources or interactions. The background color of each cell in the grid corresponds to the resource type, as defined by the legend at the top.

		uMatrix 0.9.3.3								
		computerbild.de								
		Alle	Cookie	CSS	Bild	Plugin	Skript	XHR	Frame	Andere
Aktuelle Domain										
computerbild.de	20									
r1.computerbild.de				1						
www.computerbild.de	6						1			
computer-bild.de										
i.computer-bild.de	1	1	123				9			
ioan.de	1									
script.ioan.de							1			
optimizely.com										
cdn.optimizely.com							1			
google-analytics.com										
www.google-analytics.com							1			
googletagmanager.com										
www.googletagmanager.com							1			
meetic-partners.com				1						
www.meetic-partners.com							1			
outbrain.com	31									
widgets.outbrain.com							1			
smartadspace.com										

# uBlock Origin



# Lightbeam



## Instant Messenger

Wikipedia



# E-Mail

## GnuPG

- Plattform unabhängig
- Ende zu Ende
- Web of Trust

# Filter

Filter sind sinnlos weil ...

- leicht zu umgehen
- nicht skalierbar

# Filter

Lösung?

- vorbereiten
- begleiten
- vertrauen

## Freie Software

- Betriebssystem
- Mobile
- Suchmaschinen
- Cloud

## Linux

- Open Source & Frei
- hohe Anpassbarkeit
- Paketverwaltung
- Auswahl an Distributionen & Desktopumgebungen

## LineageOS

- keine Gapps
- Monatliche Updates
- Unabhängigkeit

# Mobile

F-Droid

Android-Appstore für freie Software



F-Droid

# Alternative Suchmaschinen

- Startpage

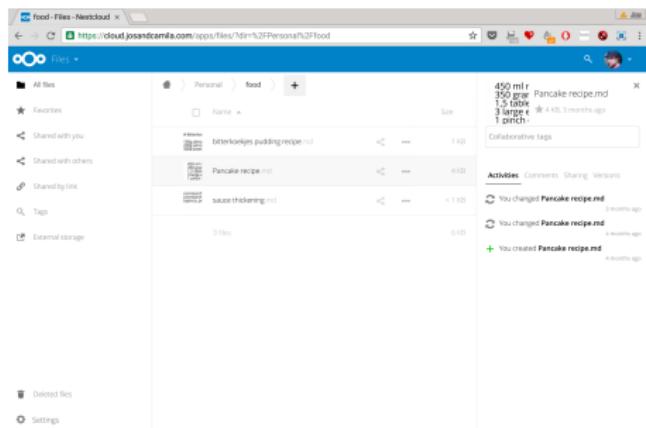


- DuckDuckGo



# Nextcloud

## Plattformübergreifende Synchronisierung von Dateien, Dokumenten, Kalendern, Kontakten, Notizen und News.



Ende

**Vielen Dank für eure Aufmerksamkeit**

**Kontakt**

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**Webseite**

<https://c3d2.de>

**Termine**

Datenspuren 2018

22.09. - 23.09.2018

<https://datenspuren.de/2018>