Why we shouldn’t give up on diversity on the Web, just yet...
1: Central service providers
2: Global access over the Internet
Perfect observability!
Explicit

- Created content
- Comments
- Structural interaction (contacts, likes)

„Meta data“

- *Session artifacts* (time of actions)
- *interest* (retrieved profiles; membership in groups/participation in discussions)
- *influence*
- Clickstreams, ad preferences
- *communication* (end points, type, intensity, frequency, extent)
- *location* (IP; shared; gps coordinates)

Inferred

- Preference– and
- *Image recognition models*

Externally correlated

- Observation in ad networks

But I’ve got nothing to hide…?
Explicit
• Created content
• Comments
• Structural interaction (contacts, likes)

Inferred
• Preference– and
• Image recognition models

Externally correlated
• Observation in ad networks

But I’ve got nothing to hide…?
United Nations

General Assembly

The harms of surveillance on expression and association

Human Rights Council
Twenty-third session

Human Rights Council

Report of the Special Rapporteur on promotion and protection of the right to freedom of opinion and expression

Online Contribution
Engage in Internet

STUDY

Surveillance and censorship:
The impact of technologies on human rights

ABSTRACT

As human rights transition online, we do human rights. The new challenge for the European Union and other realms is to promote all human rights to the digital world. This report argues that the human rights-based approach can be helpful in focusing discussions about society on individuals rather than states, in providing for the protection of individuals, and in promoting the human rights regime to the digital sphere. It uses the most relevant international and standards, technical standards, business guidelines, human rights principles, and policy initiatives that have been developed in the area of human rights, to provide a comprehensive picture of human rights in the digital sphere. It also analyses the impact of different models of EU strategic policy on human rights and digital policy and the need for better integration and coordination to ensure that both have a positive impact on human rights. The report concludes that EU should promote digital rights in national legislations of the third countries, but also in its own digital strategies.
• **Authorize actively! (Privacy controls)**

• **Communicate confidential (Encrypt your traffic)**
• Authorize actively! *(Privacy Controls)*

• Communicate confidential *(Encrypt your traffic)*

• Put your eggs into several baskets *(Decentralization)*
Let's go „dark“!

Friend-to-Friend:

• Freedom from observation
• Resilient to censorship and sabotage

https://freenetproject.org/
https://dud.inf.tu-dresden.de/
Let's not give up on diversity (and privacy!) on the Web, just yet!
References


Roos, Stefanie and Strufe, Thorsten. "On the impossibility of efficient self-stabilization in virtual overlays with churn." In IEEE INFOCOM, 2015


https://www.jabber.org/

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