#youbroketheinternet - we'll make ourselves a new one

Social networking is a means of direct, group based, and international communication that became a basic commodity of life for very many people. For those born after 1990 it is the normal state of the world.

Both individuals and companies want to keep informational self determination (sovereignty) and ownership of their data not only in social networks. Social and environmental activists are dependent on trustworthy communication via secure and linked-up channels.

"Trustworthiness" encompasses features such as end-to-end encryption, social graph obfuscation, forward secrecy, self determined data storage, free and open software and, in the very end, self determined communication meshes, independent from hierarchically managed networks, as well as free and open hardware that is unlikely to be equipped with backdoors.

#youbroketheinternet is an initiative to create a scalable social communications and data exchange network that brings all the things you need to share to just the people that are intended to have it. Already, a substantial number of projects exist that purport to fullfill these goals. Looking closer at those projects during the past four years made it clear that they all have serious deficiencies as regards either privacy, scalability, or usability. But the existing projects all have their merits. Therefore, #youbroketheinternet will not try to build the ideal system from scratch, but rather it will try to integrate, re-use, and re-orient existing projects to work towards a common goal.

To this end we want to organize a cluster of events at 30C3. An introductory panel presentation as kick-off, and a series of workshops with introductory talks on the following topics:

- Social Net Politics and Political Attack Vectors
- Usability and Adoption Threshold
- Scalability and Architecture
- Crypto Routing Cores
- (Wireless) Mesh Networks
- Open Hardware
- Fincancing and Business Models

Social Net Politics and Political Attack Vectors

Using communication technology as a tool for solving social problems is regarded "dangerous" by the elite.

Usability and Adoption Threshold

How can we appeal to a large audience? And how can we make the technologies developed grandparent compatible?

Scalability and Architecture

How can we build systems that are capable of scaling to, in the best case, some hundred million users? How can we leverage the distributed computing power and refuse to be thrown back into the cloud?

Crypto Routing Cores

How can we achieve confidential transmission of information? How much anonymity is possible and what are the tradeoffs?

(Wireless) Mesh Networks

We need more infrastructure that is run independently of nation states or for-profit corporations. How can we as a society operate networks for the common good?

Open Hardware

If the hardware we are running our systems on is intrinsically insecure, we may be building a fortress on top of a house of cards. What is required on the lowest levels to get reasonable endpoint security?

Financing and Business Models

Operating networks and developing software that do not, by design, allow the aggregation, marketing, and eavesdropping of user data is a technical challenge. Making it trustworthy for the general public calls for free and open software. This creates its own challenges when it comes to financing and sustaining a business. How can we get done what we think is right and still afford a living?

Invited projects (so far) are

BATMAN
BitTorrent
Briar
cjdns
cryptocat
debian
GNUnet
I2P
LoreaT
Milkymist
OTR
Pond
PSYC
Retroshare
TAHOE-LAFS
The Freenet Project
Tor
Tribler
Unhosted

Open list of supporters

Nana Karlstetter, Daniel Reusche, Tom Twiddlebit, Carlo v. Loesch, Clemens Cap, Guido Witmond, twelve unnamed,