How the Power of the Crowd could change Urbanism

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Introduction

- What I'm gonna talk about?
- Definitions
 - Information Age, Information
 - Digital vs. Analog, Internet
 - Culture, Digital Culture
 - Democracy: Representative vs. Participative









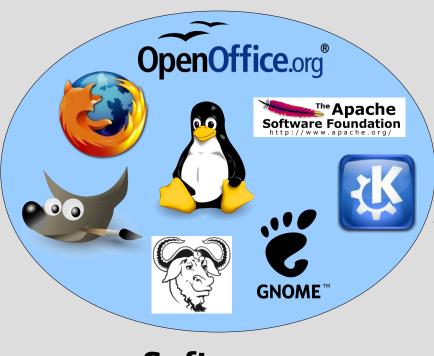
Working together: Free Software Movement

- Linux, GNU, GNU General Public License
- Freedom
 - The freedom to run the program, for any purpose.
 - The freedom to study how the program works, and adapt it to your needs.
 - The freedom to redistribute copies.
 - The freedom to improve the program, and release your improvements.
- First uses:
 - UNIX-Community (1960-1970)
 - GNU (Richard Stallman, 1983)
 - Linux (Linus Torvalds, 1991)





Working Together: Free Software Distribution



Software

Distributions



Economic Models

Firm economy: Tourist agency

Market economy: "Fiaker" in Vienna

Gift economy: Ask for the way

Commons based Peer Production:

"CouchSurfing"





Society, Culture: CouchSurfing

- CouchSurfing.com
 - Don't go to a hotel stay at someone who lives there!
 - Cultural exchange by traveling
 - >1,1 Mio registered users
 - Trust







Commons-based Peer Production

- Characteristics
 - See intellectual property as common good
 - no/few hierarchies
 - "peers" decide where and what to work
 - forking
- Creative Commons Licence
 - Attribution
 - Commercial use
 - Modifications





ThruYOU - Kutiman mixes YouTube Unfortunately not Creative commons :(

Urbanism

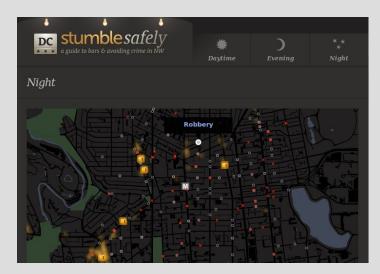
- How can we use "Peer Production"
- Politics
 - Participative democracy
 - Bottom-up instead of top-down
- Open Data
 - Municipalities should make data easily accessible
 - Communities will build applications themselves



District of Columbia: Apps for Democracy

- "Citywide Data Warehouse", live feeds
 - building permits
 - crime incidents
 - purchase orders
- In 2008: Contest for best use of data → 47 apps
 - e.g. Park IT DC, stumble safely, Historical Tours, Crimes



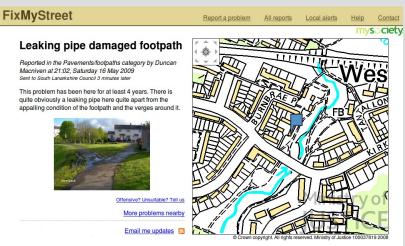


U.K. MySociety

- "Democracy"-Services for population (U.K.)
 - TheyWorkForYou, No10 Petitions Website, FixMyStreet
- Free Software adaptable for other communites







OpenStreetMap

- "Free" map of the world like Wikipedia
- Raw data can be used for maps, GIS, navigation, routing, ...

Projects: Cyclemap, Hiking, Public Transport,
 Seamap, ...





The End

Thanks for your attention!

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