FLOSS meets social science — FOSDEM 2021

Maya Anderson-González · FOSDEM 2021, Open Research

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FLOSS meets Social Science Research (and lived to tell the tale)

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D.research
2021-02-06



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Open Research Tools and Technologies

11:55

FLOSS meets Social Science Research

(and lived to tell the tale)

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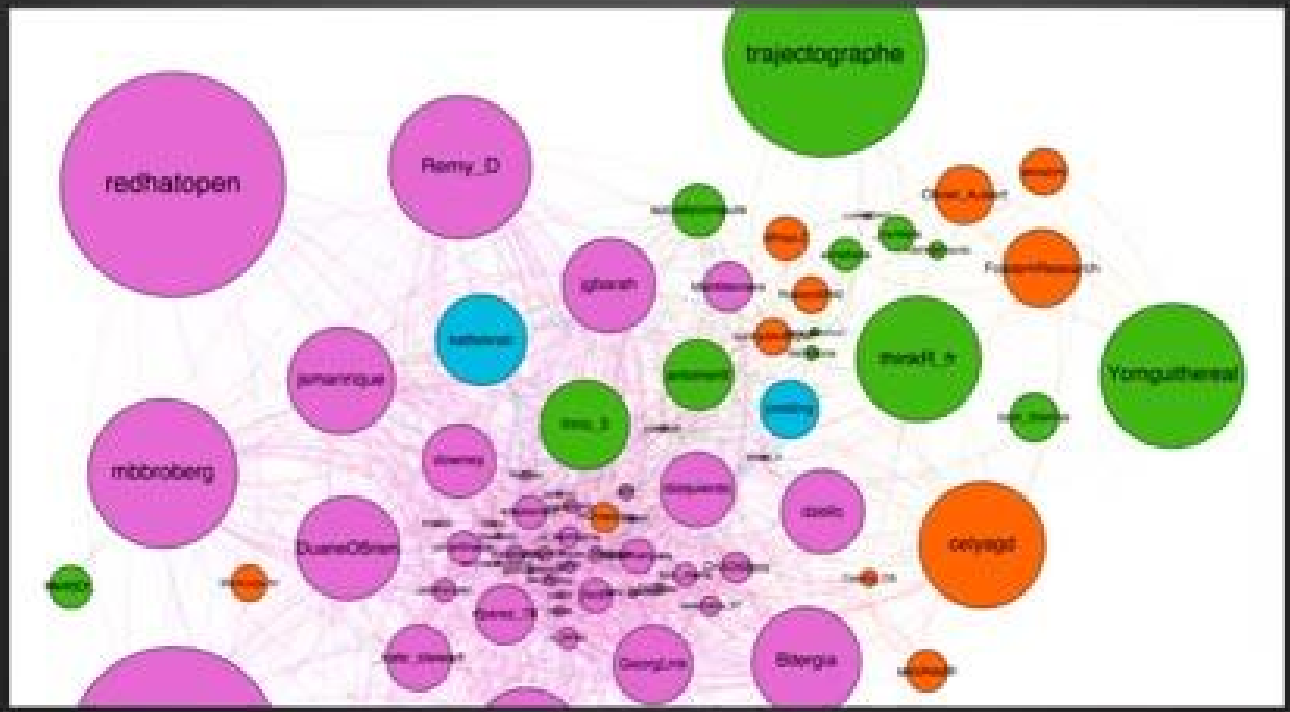


"If I had asked people what they wanted, they would have said faster horses."



Henri Ford. Photo: Ford Motor Company

Twitter follow graph of last year's FOSDEM and CHAOSScon participants





me



the project

Low code environment

- Command line
- Git
- Jupyter Notebooks

No code tools

- Gephi (medialab)
- Hyphe (medialab)
- YouTube Data Tool (DMI)

+++ lots of ENTHUSIAM!

Technical challenges

- Which FLOSS tool do I choose ?
- How can I exploit them ?
- How do I deal with bugs ?
- What can I share ?

Value-based challenges

- Transparency
- Collaborative participation
- Community development



Technical challenges



Technical challenges



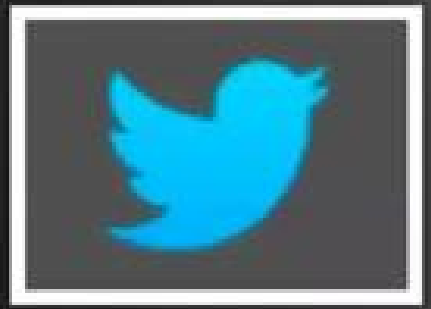


Technical challenges









Technical challenges

Value-based challenges

Transparency

tools documenting collaborating

troubleshooting reproducibility

sharing



Value-based challenges

Transparency

tools documenting collaborating

troubleshooting reproducibility

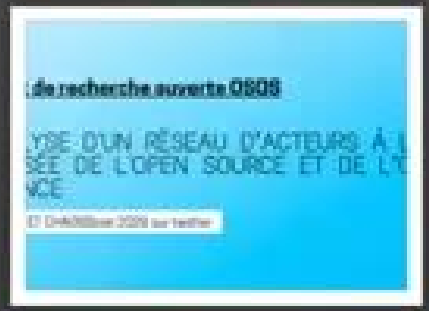
sharing



Value-based challenges

External collaboration & community development







- Gaining relevance & impact through community building
- Aligning research and development community goals

Value-based challenges

External collaboration & community development





PubPub

- Gaining relevance & impact through community building
- Aligning research and development community goals

Summary

What does it take to practice open research in social science?

- using FLOSS tools
- getting acquainted with Open Source principles
- building confidence through exposure and training
- documenting your every move like your life depends on it
- fighting against cultural attitudes of insecurity around transparency





Fernando Ortiz. Photo: Encyclopædia Britannica

Transculturation

Culture 1 → Culture 3

Culture 2 → Culture 3

Thanks!