TRACE, TEST, TREAT: DATA FAILURE IN A PANDEMIC

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That’s even truer in a pandemic:

- A colored zones system
- Red zones are decided by the Government
- Upon “scientific data“
- Assessed (?) by a scientific committee
- Based on certain criteria

But how are those data collected and are they shared?
ENTER IMMUNI

- A nation-wide application
- Awarded in a cumbersome and non-competitive way
- FOIA requests (on procurement) repeatedly turned down, until much later
- No other entities, bodies, whatever can provide Covid tracing services, app by law
- It must be… “open source!”
What is Immuni?

How does Immuni's contact tracing system work?

Does the app track my movements?

How is my privacy protected?

Is the code open source?
Yes, the code is open-source and is available on GitHub. This is the licence: GNU Affero General Public License version 3.

Why is it important to download Immuni?
OPEN SOURCE...

BUT IS IT?

Surely is not something I’d call “scientific”

• No **backend**
• Frontend to proprietary, OS-provided **libraries**
• This is the **façade** of a Free Software app, quite literally
• Can we call “**Open-washing**”?
MY “REQUIREMENTS” FOR IT BEING CALLED FOSS?

- Workloads, **functions**, communication, API, all open and Free!
- All communication between front-end and back-end based on **open protocols**
- Open source license? Right, **but not enough**!
- **Independent builds** that work
- All stack **reproducible**

What worked against it?
OBJECTIONS

- Rogue apps
- Overall security
- Proprietary libraries necessary to use BLE phone backend

REPLIES

- Still possible independent with certification keys
- Public key for backend
- Reproducible backend (yet unofficial)
- No real answer against proprietary libraries. We do have a problem here
ALL EVIL WHAT ENDS BAD

- Small uptake
- Little data
- Meaningless results
- No Tracing in place, practically
- Lockdown and red zones only answer, hoping for vaccines
A PARALLEL WITH ELECTRONIC (ONLINE) VOTING
Thank you