

TRACE, TEST, TREAT: DATA FAILURE IN A PANDEMIC

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- ## But how are those data collected and are they shared?

**[THIS SLIDE CENSORED DUE
TO PROFANITIES OVERFLOW
]**



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

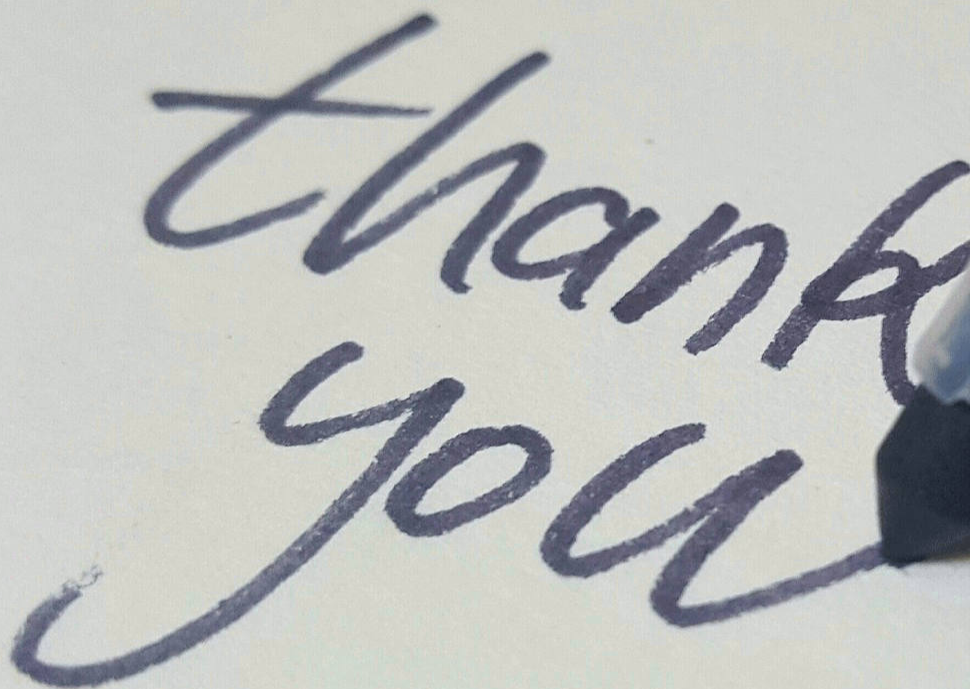
REPLIES

- 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

A close-up photograph of a blue marker writing the words "thank you" in a cursive script on a white surface. The marker is positioned at the end of the word "you", with its tip touching the paper. The lighting is soft, creating a slight shadow of the marker on the surface to the right.

thank
you



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