

Is there life without a digital ID?



<http://poachedmag.com/>



<http://www.futuristspeaker.com/>

NGI Zero

COME WORK FOR THE INTERNET

A low-threshold framework for supporting and funding
FLOSS projects

The role of ISOC-CH

27 February, Public Policy Sessions 2025

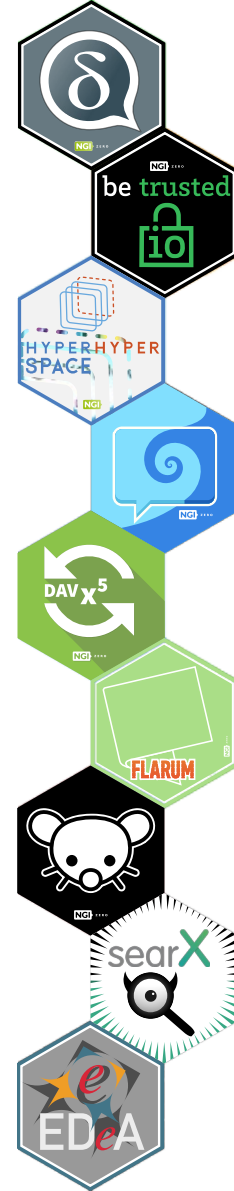


Next Generation Internet (NGI)

A European Commission initiative aiming to shape the development and evolution of the Internet into an Internet of Trust.

EC investment in NGI research and innovation:
€250m (2018-2020) + €62m (2021-2022)

Funds distributed to multiple consortia for subgranting



NGI Zero (NGI0)

NGI0: Consortium of European non-profit organisations

Main objectives:

Provide an agile, effective and low-threshold funding mechanism for **open software, hardware, data & standards**

Offer targeted services to improve quality and maturity of FLOSS ecosystem. F.i. security audits, accessibility assessments, licensing compliance, standardisation, communication, documentation, etc.



Low-threshold funding mechanism

- **Grants between €5k - €50k** with the possibility to scale funding up
- Open to **anyone**: individuals, SMEs, researchers, NGOs etc
- Simple **one-page** application form
- Back-to-back open calls **every two months**



Eligibility

Anyone can apply: individuals, researchers, organisations, companies, etc.

Applicants do not have to be based in the EU but projects must have a 'European dimension'.

All projects must be Free/Libre/Open Source in their entirety. Research must be Open Access.



Current NGI0 programmes

NGI0 Entrust: Trust & data sovereignty on the internet. (Still running but no more open calls.)

NGI0 Core: Upgrade the open internet architecture (hardware, software, protocols). (Still running but no more open calls.)

NGI0 Commons Fund: Reclaim the public nature of the internet

NGI0 Review: Support services to improve quality and maturity of the FLOSS ecosystem. Open to projects within the entire NGI initiative (not just NGI0).



Previous NGI0 programmes

NGI0 PET: Privacy & Trust Enhancing Technologies.
146 projects funded.

NGI0 Discovery: Search and discovery (2019- 2022).
149 projects funded.

Both ran between 2019 & 2022 with a total of €11.2m granted to independent researchers and open source developers.



Quality and maturity of FLOSS ecosystem

NGIO offers support services to all NGI projects:

Packaging, Accessibility, Standardisation, Security audits

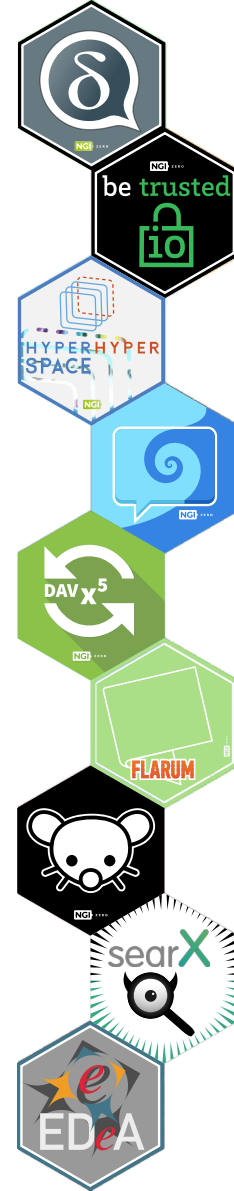
Community building & mentoring,

Diversity & inclusion management,

Copyright & licensing due diligence,

Internationalisation, translation & localisation.

Communication, documentation



NGI Zero coalition partners

APELL (BE)

Association for Progressive Communications (ES)

Brno University of Technology (CZ)

Center for the Cultivation of Technology (DE)

Commons Caretakers (NL)

Free Software Foundation Europe (DE)

Free Silicon Foundation (FSi)

Han University of Applied Sciences (NL)

ISOC.ch (CH)

NixOS Foundation (NL)

NLnet Foundation (NL)

Open Forum Europe (BE)

OW2 (FR)

Petites Singularités (BE)

Radically Open Security (NL)

Tolerant Networks (IE)





Apply for NGI Zero funding!

Next call (6th) for grants:

- Opened on February 1st

Deadline: April 1st 2025 12:00 CET (noon)

Check out form here: <https://nlnet.nl/submit>



The role of ISOC-CH

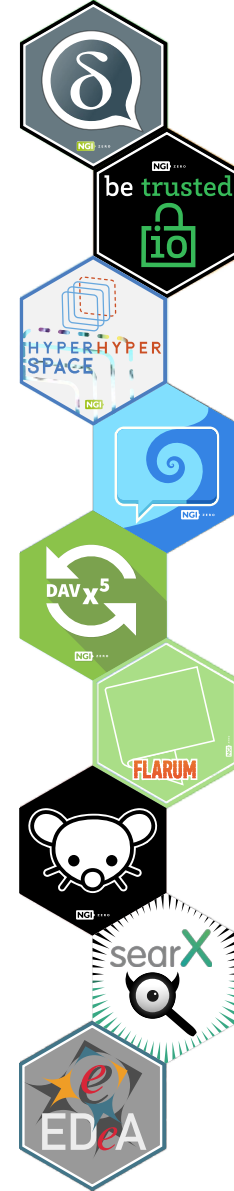
Tech dossiers:

- Entry points to specific thematic areas
- Defined by the triad **Topic | Audience | Medium**

Deliverable D1.10 – Compendium of Tech Dossiers

Deliverable Number	D1.10	Lead Beneficiary	13. ISOC.ch
Deliverable Name	Compendium of Tech Dossiers		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	42	Work Package No	WP1

Description
Publish a Compendium of Tech Dossiers



Tech dossiers (current status)

<https://nlnet.nl/thema/>

► [Data and AI](#)

Data and AI

[AI Horde](#) — [AI-VPN](#) — [AVantGaRDe](#) — [OCCRP Aleph disambiguation](#) — [Atomic Data](#) — [Atomic Tables](#) — [CRAVEX](#) — [CityBikes](#) — [Condensation Data System](#) — [Concept encyclopedia](#) — [Dat Private Network](#) — [DATALISP](#) — [DatamiPods](#) — [DeviceCode](#) — [Dokielj](#) — [Encoding for Robust Immutable Storage \(ERIS\)](#) — [Earthstar \(Encryption, Safety, and Local Sync\)](#) — [Etebase - protocol and encryption enhancements](#) — [EteSync - IOS application](#) — [Every Door](#) — [Explain](#) — [Friendly Forge Format \(F3\)](#) — [FastScan](#) — [Software metadata](#) — [Federated Task-Tracking with Live Data](#) — [First Classify Documents](#) — [Fleetbase on Solid: A production-ready supply chain solution](#) — [A Frameworks Framing](#) — [Data packages](#) — [Geolexica reverse](#) — [ISCC-CORE typescript implementation library](#) — [Icosa Gallery](#) — [In-document search](#) — [Practical Tools to Build the Context Web](#) — [Inventaire Self-hosted](#) — [Threat intelligence sharing](#) — [Knowledge Graph Portal Generator](#) — [LabPlot](#) — [LiberaForms](#) — [LinkedDataHub](#) — [LumoSQL](#) — [MWoffliner](#) — [MaDada](#) — [Manas](#) — [MapComplete](#) — [NEFUSI](#) — [Nextcloud](#) — [NextGraph](#) — [Nominatim as a library](#) — [OpenStreetMap Speed Limits](#) — [Ontogen](#) — [Ontogen and Mud](#) — [Open Cloud Mesh](#) — [Open Everything Facts](#) — [Personal Food Facts](#) — [OpenStreetMap-NG](#) — [Open Web Calendar Stack](#) — [Organic Maps convergent UI for Linux with Qt Quick/Kirigami](#) — [p2panda: group encryption and capabilities](#) — [PRESC Classifier Copies Package](#) — [Panoramax](#) — [PeerDB Search](#) — [Poliscoops](#) — [Polyglot jaq](#) — [Pomme d'API](#) — [Private Search](#) — [PyCM](#) — [PyCM](#) — [Re-Search Schmate](#) — [SCION-enabled IPFS and libp2p](#) — [SCION-Pathdiscovery](#) — [Geographic tagging of Routing and Forwarding](#) — [SES - SimplyEdit Spaces](#) — [SOLID Data Workers](#) — [SWH package manager Data Ingestion](#) — [Storing Efficiently Our Software Heritage](#) — [SeedVault Integrity](#) — [SensifAI](#) — [Smart lookup & inference for Semantic Data](#) — [Software Heritage](#) — [Peer-to-Peer Access to Our Software Heritage](#) — [Solid NC 2024](#) — [Solid Compound](#) — [Solid Data Modules](#) — [Solid Application Interoperability](#) — [Solid Usable App Tools Project](#) — [Secure User Interfaces \(Spriteily\)](#) — [Standards Grammar Catalog/Toolchain](#) — [Stencila v2 for ERA and EPP](#) — [StreetComplete](#) — [nlnet.nl/project/LumoSQL](#) — [tComplete/AllThePlaces](#) — [StreetComplete](#) — [StreetComplete UX](#) — [GNU Taler Wallet ID Lookup](#)

► [Middleware and identity](#)

► [NGI Assure](#)

► [NGI Fediversity Fund](#)

► [NGI Mobifree Fund](#)

► [NGI TALER Fund](#)

► [NGI Zero Core](#)

► [NGI Zero Discovery](#)

► [NGI Zero PET](#)

► [NGI0 Commons Fund](#)

► [NGI0 Entrust](#)

► [NREN](#)

► [Network Applications](#)

► [Network infrastructure](#)

► [Open Social Fund](#)

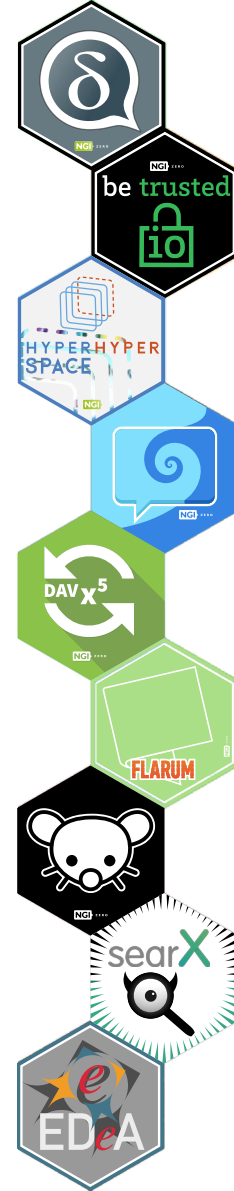
► [OpenData](#)

► [OpenDocument Format](#)

► [Operating Systems](#)

► [Privacy and security](#)

► [Reports and studies](#)




Tech dossiers (current status)

NGIO Projects

Tags

Search Projects

Alternatives Blender Charting Comparison Compression Data Decentralised Solutions Excel GIMP Graphics Maps Multimedia Nix NixOS Open-Source OpenStreetMap
Operating System Package Manager Reliability Routing Word




Compression

Data Compression

Data Compression Comparison

Visit




Geography

Charting, routing, maps

Charting Routing Maps OpenStreetMap
Decentralised Solutions

Visit




Graphics

Graphics and Multimedia

Graphics Multimedia GIMP Blender

Visit




Nix

Nix, Nixpkg, NixOS

Nix NixOS Package Manager
Operating System Reliability

Visit

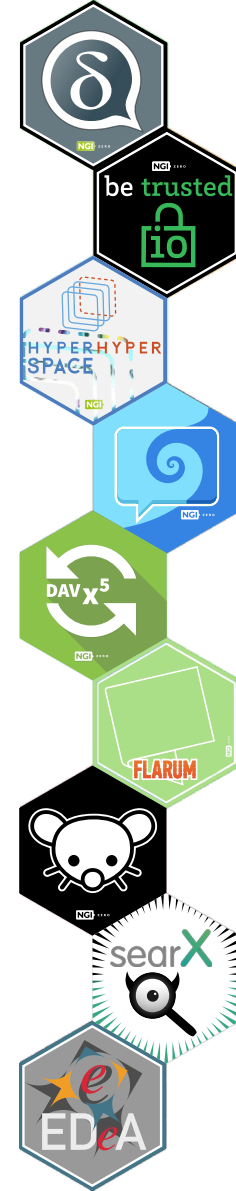


Office

Open-Source Office Dossier

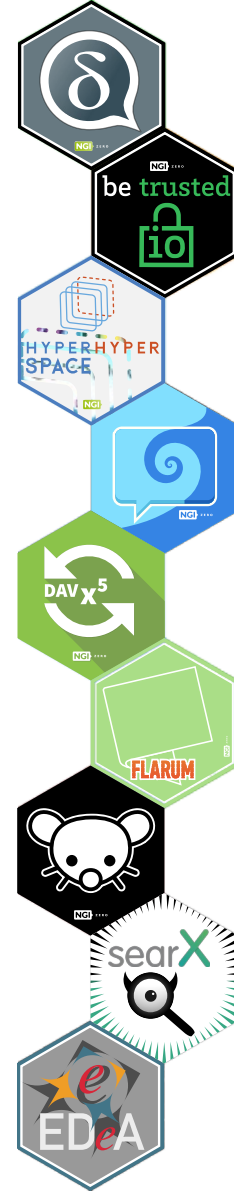
Word Excel Alternatives Open-Source

Visit



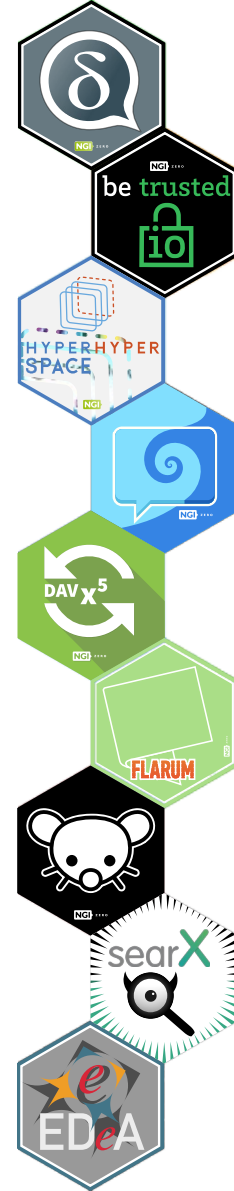
Tech dossier #1

- **Topic:** AI in proprietary and FLOSS approaches and privacy implications
- **Medium:** Teaching material on digital technology
- **Audience:** Teachers (& teachers of teachers)



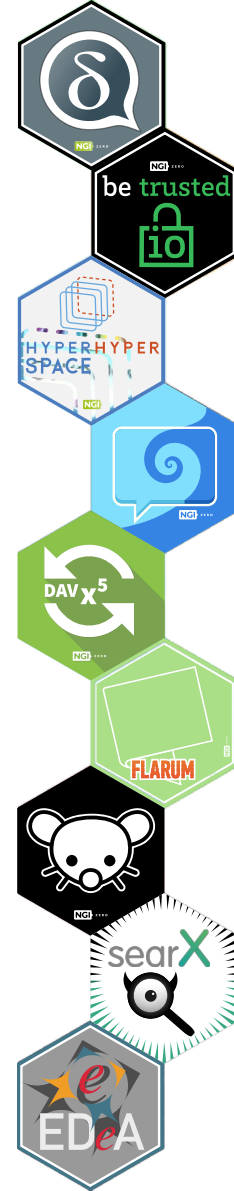
Tech dossier #1

- General goal 1: make clear that there are AI worlds beyond ChatGPT or DeepSeek (like there are also other search engines despite Google)
- General goal 2: show how AI systems work in principle, that there are biases, that they don't fully replace "reasoning", ecological aspects to AI generation etc.



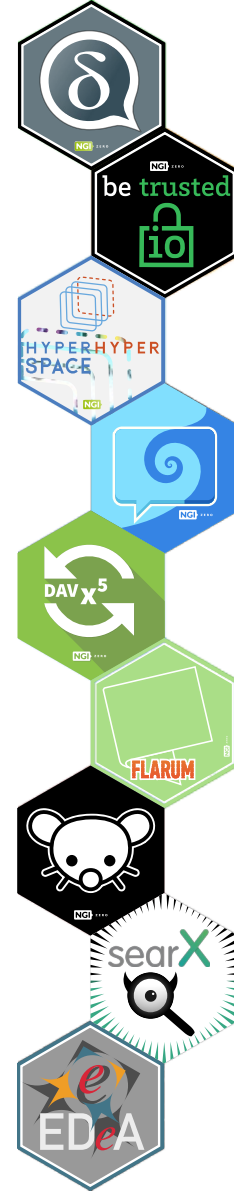
Tech dossier #1

- Privacy: Risks in terms of query privacy when using online services or the collection of (more and more) training data to have more “intelligent” models
- FLOSS goal: show the existing and emerging ecosystem with tooling to run local AIs (like jan.ai to run local LLMs)



Tech dossier #1

- First contribution for the privacy context to be given @ University of Zurich, March 18 (where around 20 secondary teachers are being taught about digital technologies), not limited to, but including the AI topic
- Further materials like slides, tutorials and handouts specific to AI / FLOSS / Privacy to be prepared, which can be used in this and other courses; material will be public and be created in a reproducible fashion

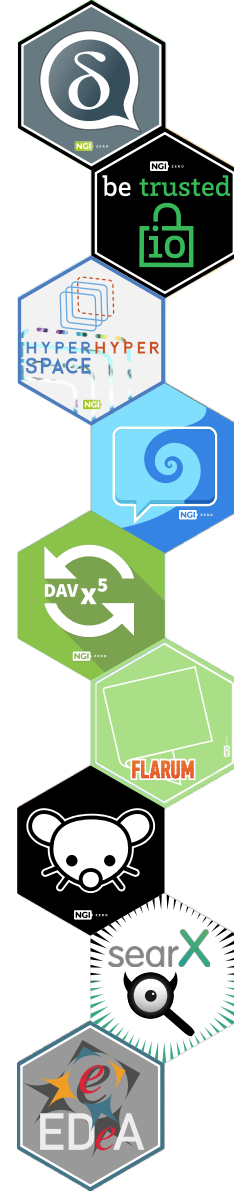


Tech dossier #2

- **Topic:** Video conferencing tools
- **Medium:** Handbook + campaign
- **Audience:** Like-minded event hosts with low expertise

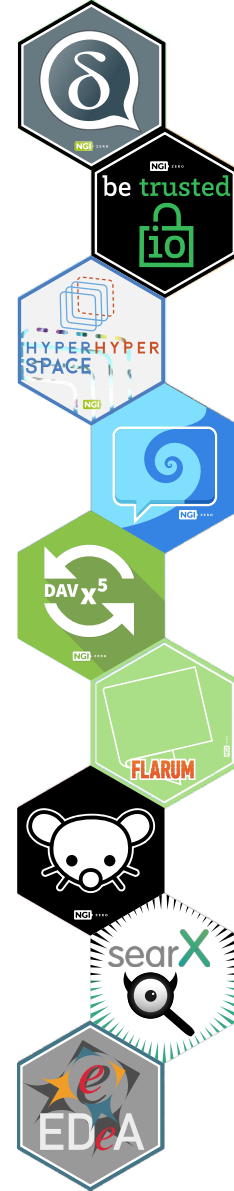


Sylk Suite



Tech dossier #2

- Wikipedia page
- Local hosting inventory + checklist
- Campaign: *Taste everything!*
 - *Be cool, Be ethical, Be local! BBB!*
- Hybrid roundtables with event hosts
 - Everytime with a different platform.



Tech dossier #3

- **Topic:** Cloud solutions
- **Medium:** Policy guidelines
- **Audience:** Policy makers, government
- **HIRING!**



EuroStack – A European
Alternative for Digital
Sovereignty



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Public Purpose

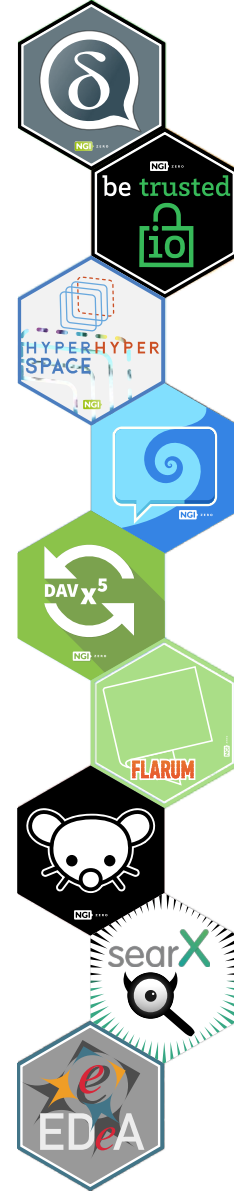
Commissioned by

BertelsmannStiftung

How to engage with ISOC-CH

Current implementation plan

- Hiring experienced people for developing tech dossiers
 - Yearly implementation cycles with 20% contracts (~20K CHF / y)
 - Also invoicing for simple tech dossiers (50CHF / h)
- If you are interested, contact us at board@isoc.ch



Thank you!

More information:

nlnet.nl/NGI0/

- www.ngi.eu
ngi.eu/ngi-projects/ngi-zero/
nlnet.nl/project

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