NIXOS FOUNDATION 2025 UPDATE

NGI Consortium Meeting, Brussels, Belgium, 2026

- **Ivan Mincik, @imincik** (NGI Team lead)

WHO ARE WE?

Nix@NGI Team in **NixOS Foundation**

- 1 Team lead
- 1 Admin assistant
- 3 Nixpkgs devs
- 1 DevOps engineer
- 1 Community manager

https://nixos.org/community/teams/ngi/

WHAT DO WE DO?

- **Package** innovative **NGI/NLnet software for Nix/NixOS**

- **Support** NGI/NLnet **software authors with Nix/NixOS adoption**

WHY NIX ?

- **Complete control** over the **software supply chain** and **build process**

- **Robust** and **sustainable software development**

- **Fast** and **efficient** end-user **feedback loop**

WHY NIXOS ?

Allows **easy deployment of complex software** and **services**

WHY ?

Support **technology freedom, security, sustainability** and **innovation** in Europe

ACHIEVEMENTS IN 2025

EXTENDED NGI PACKAGE CONTENT

- Project metadata
- Nix package
- NixOS module + test
- Configuration example + test
- Demo + test

NGI REPOSTIORY OVERVIEW PAGE

https://ngi.nixos.org

PACKAGING WORK

- 58 projects packaged

CONSULTING WORK

- 0WM
- Alaveteli
- Borg - European Graphics Processing Unit
- Tau

COMMUNITY PROJECTS

- Summer of Nix 2025

- Outreachy

SIDE PROJECTS

- App Shell - alternative shell environment

- Nix Forge - simplified, self-hosted software distribution system

SUMMARY

NGIPKGS REPOSITORY

- **98** projects
- **79** package derivations
- **55** services
- **57** programs
- **122** NixOS tests, with **112** examples
- **36** projects with demo

https://ngi.nixos.org

NGI SUBGRANTS

- **22** Commons
- **41** Core
- **68** Entrust
- **112** Review

NIXPKGS REPOSITORY

- Maintaining **166** packages

https://github.com/NixOS/nixpkgs

TESTIMONIALS

***Your team** has helped me **gain skills on nix**, and I believe I am getting close to **being autonomous on a technology that's really tough to master**. In my mind, this is **capacity-building at its best**. There was obviously a lot of homework, but your **guidance is invaluable**.*

Laurent Savaete, Alaveteli

*I was **amazed by the quality of the work** done without any guidance when the project was growing in complexity, then by the **patient and instructive help I got afterwards**.*

Benjamin Somers, OWM

0WM, Aerogramme, Agorakit, Alive2, Arcan, AtomicData, Blink, Briar, CNSPRCY, Canaille, Corteza, CryptoLyzer, Cryptpad, DMT-Core, Dokieli, Draupnir, ERIS, Flarum, Forgejo, Funkwhale, GNUTaler, Galene, Gancio, Gnucap, Heads, Hypermachines, Icestudio, Inko, Inventaire, Irdest, Kaidan, Kazarma, Keyoxide, KiKit, Liberaforms, Libervia, LibreSOC, Librecast, Manyfold, MarginaliaSearch, Mastodon, Meta-Presses, MirageOS, Misskey, Mox, Naja, Namecoin, Nitrokey, NodeBB, Nominatim, Omnom, OpenWebCalendar, Openfire, PagedJS, PdfDing, PeerTube, Pixelfed, Pretalx, Re-Isearch, ReOxide, Reaction, Repath-Studio, Rosenpass, SCION, SSTorytime, Seppo, Servo, Stract, Sylk, Tau, Teamtype, ThresholdOPRF, Vula, Wax, Wireguard, arpa2, gnunet, holo, jaq, kbin, lemmy, lib25519, mCaptcha, mitmproxy, ntpd-rs, nyxt, oku, openXC7, owasp, owi, owncast, proximity-matcher, slipshow, stalwart, tslib, verso, xrsh, y-crdt