## Towards Federated Software Forges

## Current Situation Isolated islands

- GitHub
- GitLab, Gitea, Forgejo
- Codeberg, Framagit, etc.
- Sourcehut

#### Decentralizing Git (not forges) • Git-SSB

• Radicle

#### Challenges

- Technical
- Social
  - systemicpersonal

# How do we create a platform that truly serves us?

- For the people, by the people
- Guided by human (developer) needs, not by profit
- Tuned to our community values
- Free Software
  - Decentralized
  - Participatory

#### Federation

- Communication between servers
- Reflects the global nature of FOSS development
- Actor Model
- ActivityPub

#### ForgeFed

- Vocabulary
- Behavior

## Transparently collaborate across servers

- Open issues and PRs
- Comment (a bit like Mastodon toots)
- Create organizations and teams together
- Global project search & exploration
- Migrate from one server to another

#### Growing an ecosystem

- Any code collaboration site or development tool can add ForgeFed support
- Build something similar to GitHub's ecosystem

#### Implementing ForgeFed

- Gitea federation -> Forgejo (forgejo.org)
- Task list: https://codeberg.org/forgejo/forge jo/issues/59
- Both ForgeFed and implementing it in Forgejo are funded by NLnet

#### Looking Forward

- Spam & moderation
- Prevent a situation of few huge instances?
- Ease of self-hosting / registration?
- Scale a growing/big network of many small instances?

Questions?

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