

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
 - systemic
 - personal

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
- Actor Model
- ActivityPub

ForgeFed

- Vocabulary (F3)
- 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/forgejo/issues/59>

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?
- Federated GitLab?

Questions?

Thank you!

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