Decentralized Git

Development outside the worlds of Github/Lab + Forgejo

How to get started

- Install `git send-email` for later!
  - https://git-send-email.io

Core Concepts

How does Github and the like work?

What are the benefits

- `git` was originally designed for email
  - Linus Torvalds made `git` for Linux development
- Not tied to any specific system
- Decentralized
- Work offline!

What are the downsides

- Complicated
- Terminal based entirely
- Need to use a new email client

Offline?

- Git itself is offline?
  - How do you view patches on GH w/o internet?
  - How do you merge or make comments w/o internet?
  - etc.

Offline!

- Sync your email to mbox format
  - ○ `vsync` (vomit toolkit)
  - ○ `mbsync` (`isync`)
- Work on patches anywhere
  - ○ Add comments to your outbox

How to join a mailing list

- Differs for most lists, a few standard ways
  - Email with subject "subscribe"
  - Email with "subscribe" in To:
  - Web interface of some kind

Try it out!

- This will most likely go to spam
- ritlug—demo—join@lists.rschanz.org
  - Subject: subscribe
- https://mailman.rschanz.org

How to start

- Clone a repo!
- https://git.rschanz.org/ryan77627/ritlug-demo.git

- Make some changes!

- When ready, run the send—email command

```
git send-email -1 -a --base=auto
```

Other ways

- You can use `git format-patch` to make changes to send later
- Putting them into a mail client properly is left as an exercise to the reader
- It is mostly recommended to use `send-email`

- This will send you patches over! When you hear back, you can re-pull the repo

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Questions?