

Password Store (pass)

Where to stick your passwords and stuff

Who am I?

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- Title: Senior Technical Specialist
- Tech Interests:
 - Small Arm based boards
 - Arch Linux
 - Arduino
 - Automation
 - Self Hosting

Why I started using pass

- So many logins, so little brain
- Same password, same username for every site
- Different username, same password for every site
- LCA 2019 – Martin Krafft

What is pass?

- A directory of gpg encrypted files
- Password/Secret manager
- Stores meta data for logins
 - username/login
 - URL
- Password generator

Getting Started

- Create GPG Key (If you don't already have one)
- Install pass
- Initiate pass
- Add your passwords

Where's the redundancy?

- Supports git as a back end
- CLI git commands
 - pass git pull
 - pass git push
- Files are stored encrypted in the git repo

But copying and pasting is a pain!

- Browser pass to the rescue
- Native component and browser plugin
- Available for Chrome and Firefox
- Matches secret name with browser URL
- Auto populates user and password
- CLI fallback (pass -c)

What if I have multiple logins to a single site?

- Structure supports multiple logins
- Symlinks can be used

What if I want passwords on my phone?

- Password Store app
- Requires:
 - GPG private key on phone
 - SSH key on phone that has at least read access to your git repo
- Can auto populate apps, but can be flakey

Windows support

- Window client appears to have been abandoned :(
- WSL – Windows subsystem for Linux

Sharing your password store

- Can be initiated with multiple GPG keys
- Add a key later?

Can non-geeks use this?

- My wife is currently using it

Questions?

References

- Website - <https://www.passwordstore.org/>
- Create a GPG key - <https://help.github.com/en/articles/generating-a-new-gpg-key>
- Donations - <https://www.patreon.com/zx2c4>