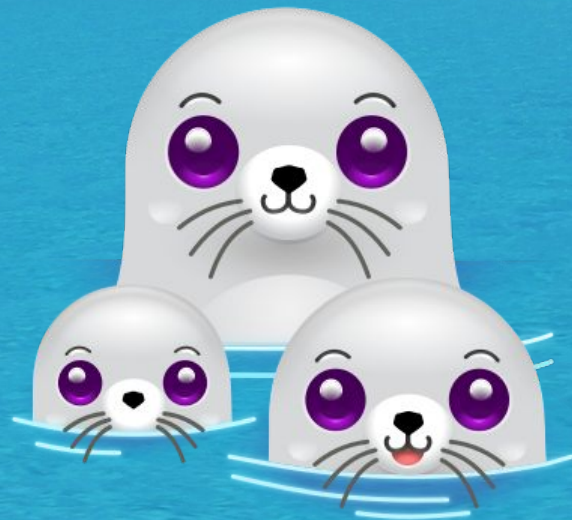


# podman

## Podman & Buildah ContribFest

Matthew Heon, Red Hat

Ashley Cui, Red Hat



# What are Buildah and Podman?

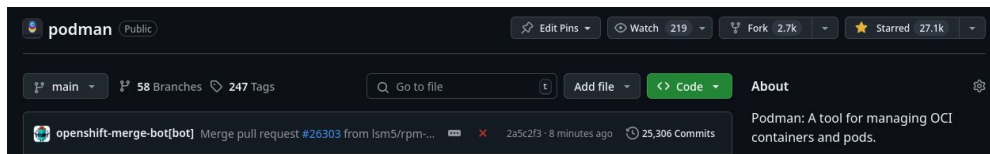
Open source tools to build & run containers.

Natively rootless & daemonless.



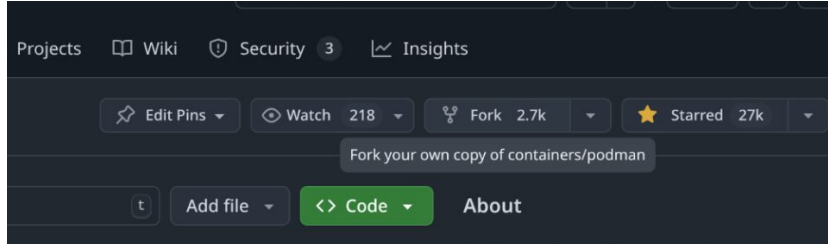
# Podman and Buildah in Detail

- A family of 3 projects - Podman, Buildah, Skopeo
- CNCF Sandbox
- Large project
  - Over 800 contributors
  - Just under 16000 non-merge commits to main
  - Active since 2017
- Core projects written in Go, some subprojects in Rust

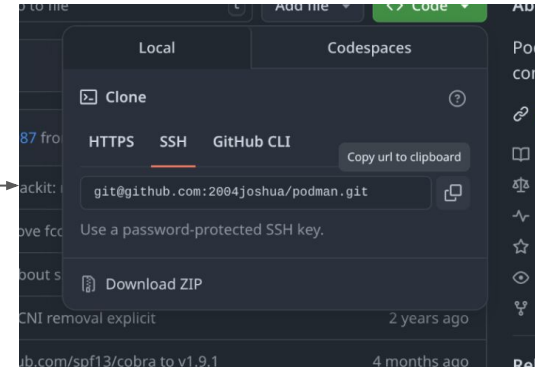


# Setting up your Development Environment

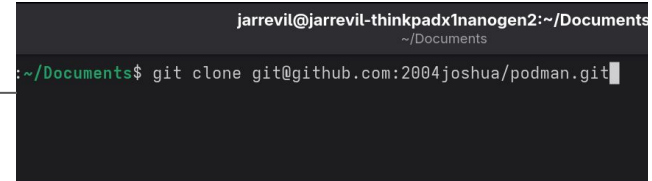
Fork your copy of podman from  
[github.com/containers/podman](https://github.com/containers/podman)



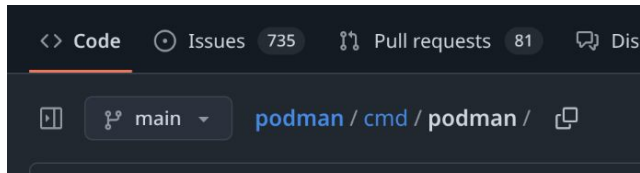
Clone your forked copy



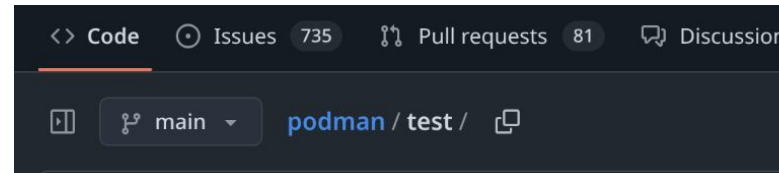
Onto installing your tools and  
binaries



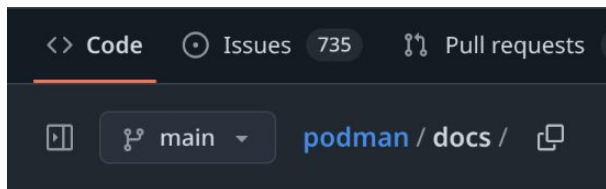
## Exploring the Podman Codebase & Development Workflow



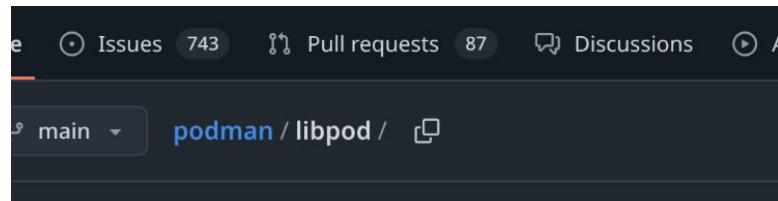
Where each command for podman lives



Tests for your features go in here



Documentation for podman



Backend logic for podman lives here

More info about important directories can be found [here](#)



**podman**  
the daemonless container manager

## Compile & Test

Build dependencies:

gpgme-devel libassuan-devel libseccomp-devel systemd-devel

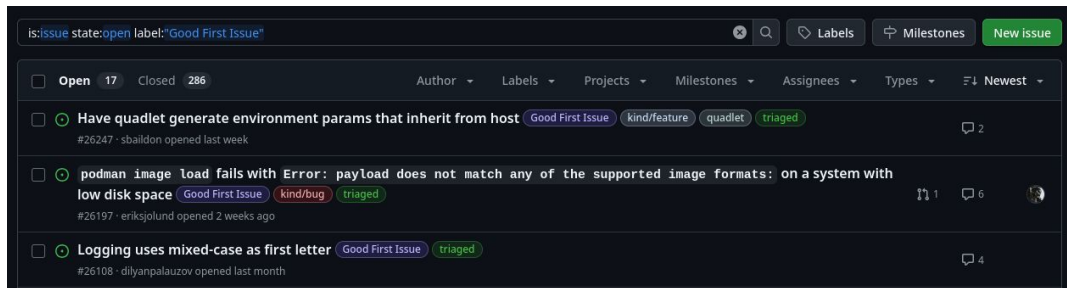
btrfs-progs-devel

make validate: Performs linting and other validation.

make: Build binaries & docs

## Let's find an Issue!

- We have a bank of available issues available to work on!
- Labeled as **Contribfest** in Github
- We also have a document with descriptions here
- Please claim issues with **/assign** in Github



**podman**  
the daemonless container manager

## Let's get contributing!

- Make sure you're rebased before branching!
- Remember to add a DCO signoff (`git commit -s`)
- We have several people in the room you can ask for help
- Alternatively, we have a Matrix channel with additional developers in it
- Use `/assign` to claim an issue



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## Issues to Work On



**podman**  
the daemonless container manager