Running my actions, An introduction to GitHub workflows



Who am I?

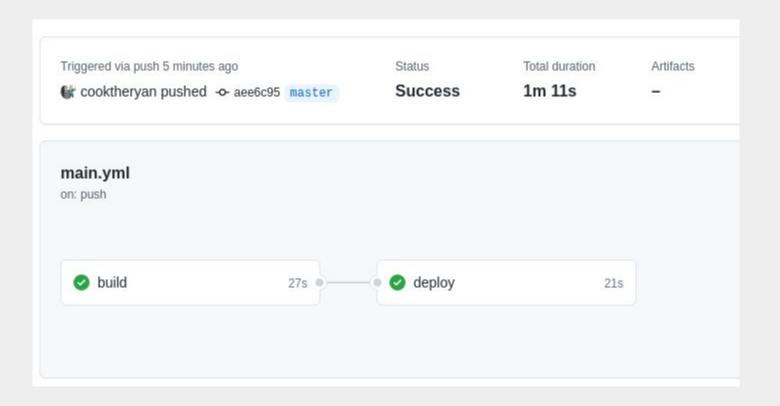
- Principal Emerging Technologies Developer
- Gluer of things together





What are GitHub Actions?







Why GitHub Actions?



Key Concepts

- Runners
- Actions
- Integrations
- Git repository



Runners: Self-Hosted or Hosted

Hosted

- Large variety of Operating Systems
- Access to internal resources
- Greater control over versioning

Self-Hosted

- Limited Operating Systems
- Infrastructure provided



Git Repository

- Application code
- Workflow actions
- Integrations
- Secrets



Exploring a Repository

https://bit.ly/2UzzL9R



What about OpenShift/OKD?

https://github.com/marketplace?query=redhat



Demo

- Go application
- Image build, push, and testing
- Deploying the image to a cluster



Links

- https://bit.ly/3y854XP GitHub Actions and OpenShift
- https://bit.ly/2UKEmGB Introduction to GitHub actions
- Twitter @cooktheryan
- Email <u>rcook@redhat.com</u>
- https://github.com/cooktheryan/stock
- https://github.com/cooktheryan/openshift-php-upload-demo

