Running my actions, An introduction to GitHub workflows

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Who am I?

- Principal Emerging Technologies Developer
- Gluer of things together

What are GitHub Actions?

Triggered via push 5 minutes ago

cooktheryan pushed ○ aee6c95 `master`

Status
Success

Total duration
1m 11s

Artifacts
–

main.yml
on: push

✓ build   27s ○───○ ✓ deploy   21s

Why GitHub Actions?

Key Concepts

- Runners
- Actions
- Integrations
- Git repository

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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

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Git Repository

- Application code
- Workflow actions
- Integrations
- Secrets

Exploring a Repository

https://bit.ly/2UzzL9R

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What about OpenShift/OKD?

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

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Demo

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

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Links

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

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