2023-11 - Plenary: An Introduction to GitHub Actions

Topic Leader(s)

- Matthew Watkins

Topic Description

An introduction to GitHub actions and workflow migrations from JJB and global-JJB templates. Matthew Watkins

Topic Overview

The LF Release Engineering team have started migration some of our jobs from Jenkins Jobs to GitHub actions.

This presentation will provide an overview of these two systems and highlight their functionality and the differences between them.

Slides & Recording

> ⓘ **YouTube**
>
> - Demo / Informational (non-interactive)
>   - Slide deck and an interactive session with a browser demonstrating GHA functionality
>
> Session recordings may be uploaded to our YouTube Channel at the discretion of the LFN Staff.
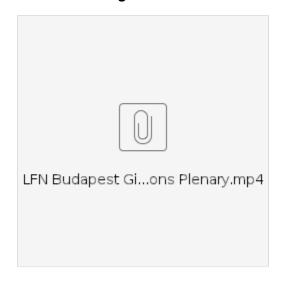
Slide Deck

📎 DTF2023-RelEng GHA.pdf

Audio Recording

LFN Budapest Gi...ons Plenary.m4a

Video Recording

LFN Budapest Gi...ons Plenary.mp4

Agenda

An introduction to GitHub Actions

- Action triggers
- Sample workflows
- Demonstration of Python project
- LF jobs and JJB template migration
- Migration tooling
- Composable actions/workflows

Minutes

No minutes will be taken, but a slide deck and session recording will be provided for review.

Action Items

- ☑ Create slide deck