

# GitHub

# Local

trunk

pull

trunk

checkout

pre-commit

feature-branch

push

feature-branch

merged PR

triggers

requires

triggers

## GitHub Actions

### Build, Push and Deploy

#### Build:

- Login to Google Artifact Registry (GAR)
- Build docker image
- Push docker image to GAR

#### Deploy:

- Authenticate to Google Cloud
- Reset environment variables of Google Cloud Run Service
- Deploy image from Google Artifact Registry to Google Cloud Run Service

#### Dispatch:

- Generate dispatch event

### Check Service Status

- Make request to service
- Fail if service is not reachable

### Automated Test

- creating gcs\_authentication.json
- creating .env
- build & run docker-compose
- run pytest

triggers

uses

GCP Credentials

Environment Variables

GCS Credentials

## GitHub Secrets