

GitHub Actions Cheat Sheet

Basic Commands & Syntax

Command/Concept	Syntax/Example
Workflow File Location	.github/workflows/
Start Workflow YAML	name: CI on: [push] jobs: build: runs-on: ubuntu-latest
Run a Command	steps: - run: echo "Hello, world!"
Checkout Code	- uses: actions/checkout@v4
Setup Node	- uses: actions/setup-node@v4 with: node-version: '20'
Setup Python	- uses: actions/setup-python@v4 with: python-version: '3.12'
Setup Java	- uses: actions/setup-java@v4 with: distribution: 'temurin' java-version: '21'
Environment Variables	env: MY_VAR: value
Using Secrets	secrets: MY_SECRET: \${{ secrets.MY_SECRET }}
Matrix Build	strategy: matrix: os: [ubuntu-latest, windows-latest]
Upload Artifact	- uses: actions/upload-artifact@v4 with: name: build path: path/to/file
Download Artifact	- uses: actions/download-artifact@v4 with: name: build
Cache Dependencies	- uses: actions/cache@v4 with: path: ~/.npm key: \${{ runner.os }}-npm-cache
Trigger on Schedule	on:

schedule:

- cron: '0 0 * * *'