

Writing First Workflow with Jobs

Step 1: Log in to GitHub.com

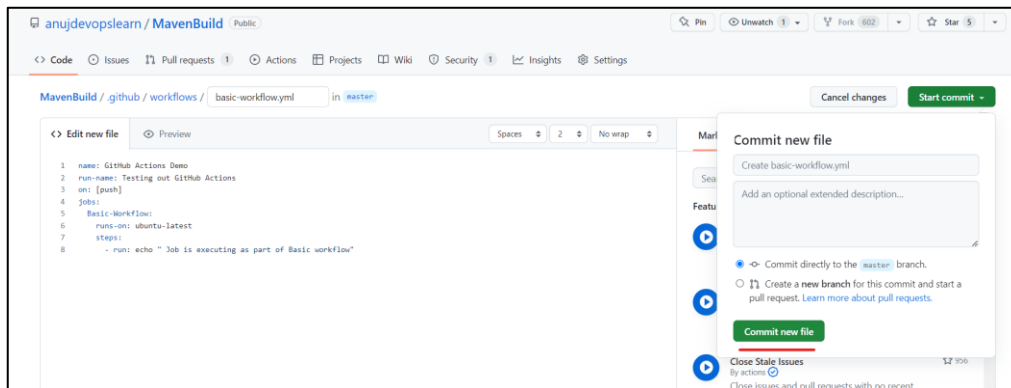
- 1.1 Sign in to the GitHub portal at <https://github.com>
- 1.2 Navigate to your repository main page where we are going to create a workflow file.
- 1.3 In case the repository is not available fork below mentioned repository in your GitHub account.
<https://github.com/Simplilearn-Edu/MavenBuild>

Step 2: Create a new workflow file to perform the basic execution of a command.

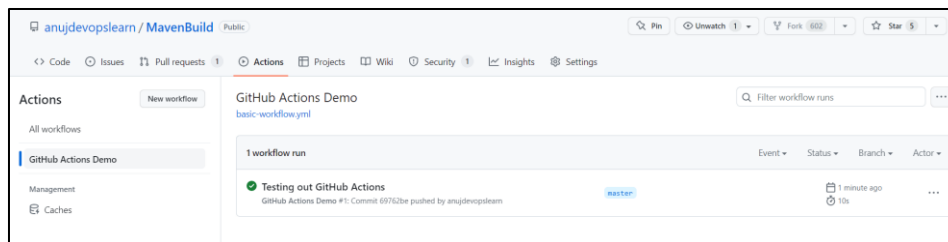
- 2.1 Once you are on GitHub's main repository page, we can get started with creating a new Workflow file.
- 2.2 Create a **.github/workflows** directory in your repository in case the directory does not exist.
- 2.3 In the workflow directory, create a new workflow file with the name **basic-workflow.yml**.
- 2.4 Add below workflow content in the above created file.

```
name: GitHub Actions Demo
run-name: Testing out GitHub Actions
on: [push]
jobs:
  Basic-Workflow:
    runs-on: ubuntu-latest
    steps:
      - run: echo " Job is executing as part of Basic workflow"
```

- 2.5 Once the file is created, click on **Commit new file** to save the workflow file in your code repository.



- 2.6 Next navigate to the **Actions** tab on your repository to access the workflow execution page as below:



- 2.7 From the left sidebar you can select the workflow to which you want to access execution logs.
- 2.8 Select the latest workflow execution run to access execution logs for the jobs configured in a workflow.
- 2.9 Click on **Basic-Workflow** to access jobs logs, you can also expand different steps execution logs to get detailed information regarding jobs executions.

← GitHub Actions Demo

✓ Testing out GitHub Actions #1

Re-run all jobs ⋮

Summary

Jobs

Basic-Workflow

Run details

Usage

Workflow file

Basic Workflow

succeeded 2 minutes ago in 0s

Search logs

⌂ ⚙

> ✓ Set up job

> ✓ Run echo "Job is executing as part of Basic workflow"

> ✓ Complete job

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