

Workflow Execution Including the Usage of Runner, Conditional Execution

Objective: You were looking for implementation of GitHub runner and conditional execution. We are going to look to proceed with execution only in case repository branch name matches master branch.

Tools required: GitHub Actions

Prerequisites: None

Steps to be followed:

1. Log in to GitHub.com.
2. Create a new workflow file to perform the basic execution of the command.

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.

Step 2: Create a new workflow file to perform the basic execution of the 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 **conditional.yml**.
- 2.4 Add below workflow content in the above created file.

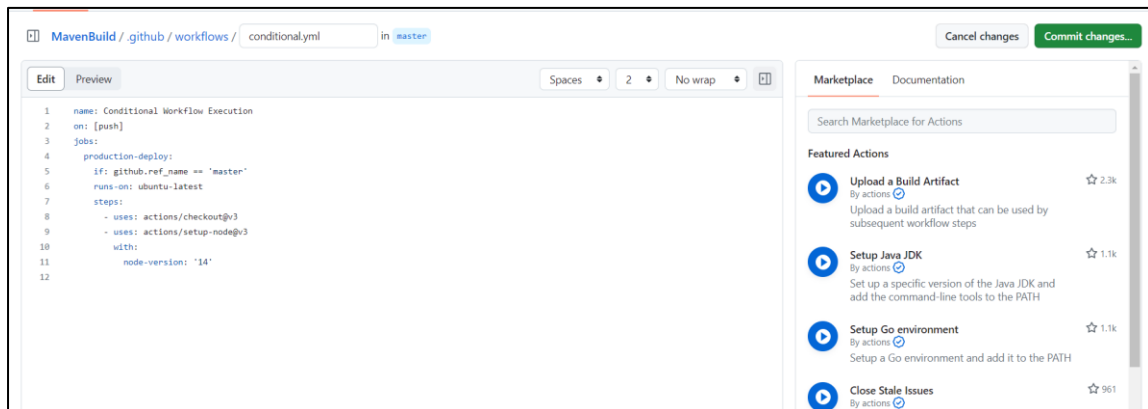
name: Conditional Workflow Execution

```

on: [push]
jobs:
  production-deploy:
    if: github.ref_name == 'master'
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v3
      - uses: actions/setup-node@v3
    with:
      node-version: '14'

```

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

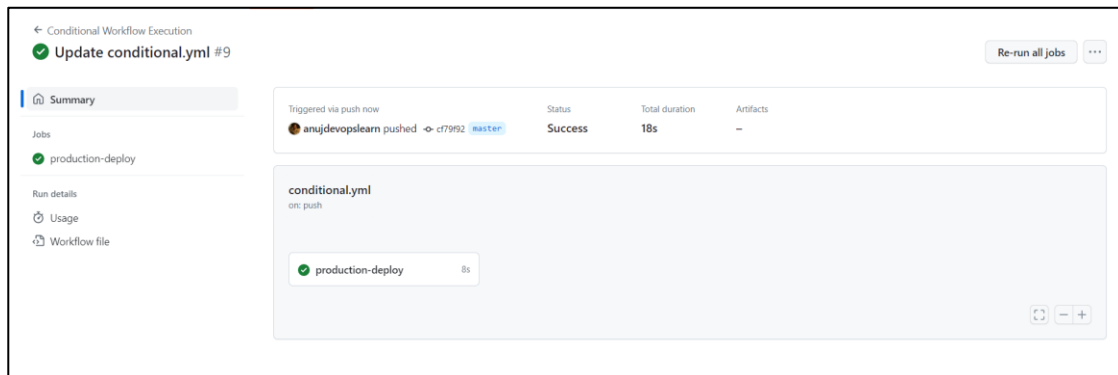


2.6 Next navigate to the **Actions** tab on your repository to access the workflow execution page as below:



2.7 From the left sidebar you can select the workflow to which you want to access execution logs.

2.8 Select latest workflow execution run to access execution logs for the jobs configured in workflow.



2.9 Click on **production-deploy** to access jobs logs, you can also expand different steps execution logs to get detailed information regarding jobs executions.

