

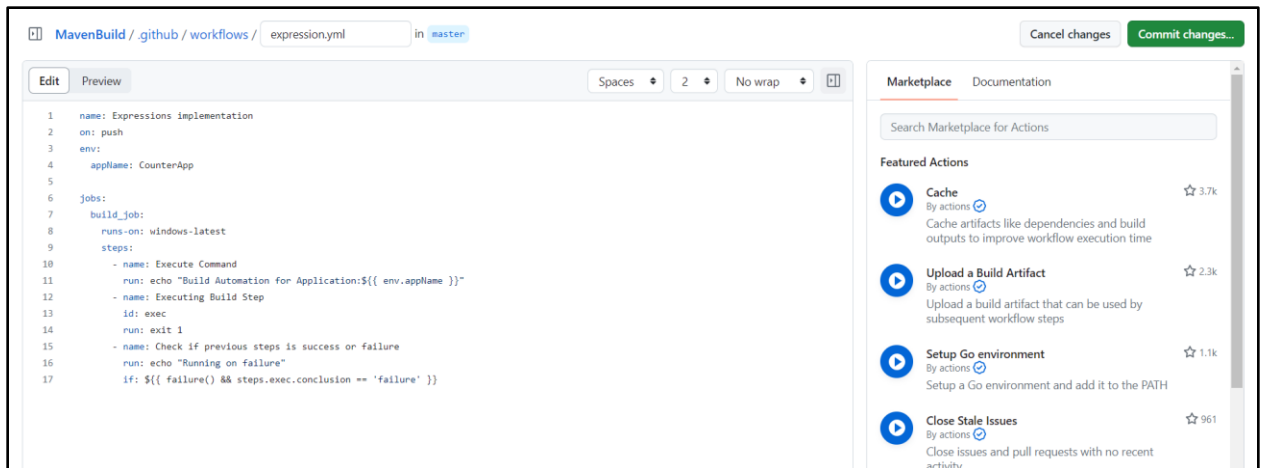
# Create First GitHub Action covering Expressions, Contexts, Environment Variable

## Step 1: Login to GitHub.com

- 1.1 Sign into 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 basic execution of command.

- 2.1 Once you are on GitHub 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 directory does not exists.
- 2.3 In workflow directory, create a new workflow file with name expression.yml.
- 2.4 Add below workflow content in above created file.
- 2.5 Once file is created, click on Commit new file to save workflow file in your code repository.



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



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

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

← Expressions implementation

✖ Update expression.yml #2

Re-run jobs ...

Summary

Jobs

- ✖ build\_job

Run details

- Usage
- Workflow file

Triggered via push 7 minutes ago

anujdevopslearn pushed → 5a77d6b master

Status: Failure

Total duration: 15s

Artifacts: —

expression.yml

on: push

✖ build\_job 2s

Annotations

1 error

✖ build\_job

Process completed with exit code 1.

Once you click on build\_job execution logs, it will show a step getting executed in case the previous step gets failed.

← Expressions implementation

✖ Update expression.yml #2

Re-run jobs ...

Summary

Jobs

- ✖ build\_job

Run details

- Usage
- Workflow file

build\_job

failed 8 minutes ago in 2s

Search logs

- > Set up job 0s
- > Execute Command 1s
- ✖ Executing Build Step 0s
  - 1 ▶ Run exit 1
  - 6 Error: Process completed with exit code 1.
- > Check if previous steps is success or failure 0s
- > Complete job 0s