

Shell Script

1. Create the Shell Script:

- Create a shell script named `init.sh` in your repository. This script contains the commands you want to execute during the workflow.

```
echo "message from shell script"
```

2. Define the Workflow:

- Create a YAML file named `20-01-Shell-Script.yml` in the `.github/workflows` directory of your repository.

```
name: 20-01-Shell-Script

on:
  workflow_dispatch

jobs:
  build:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout code
        uses: actions/checkout@v4

      - name: Make script executable and run
        run: |
          chmod +x ./init.sh
          ./init.sh
        shell: bash
```

- Copy and paste the provided workflow YAML into this file.

3. Commit Changes:

- Commit both the `init.sh` script and the workflow YAML file to your repository.

4. Test the Workflow:

- Navigate to the "Actions" tab in your GitHub repository.
- Manually trigger the workflow by clicking on the "Run workflow" button for the `20-01-Shell-Script` workflow.
- Monitor the workflow run and verify that the shell script `init.sh` is executed successfully.
- Check the logs to ensure that any commands specified in the shell script are executed as expected.

5. Troubleshooting:

- If the workflow fails, review the logs to identify any errors in the script or workflow configuration.
- Ensure that the script `init.sh` is present in the root directory of your repository and has the correct permissions set to execute (`chmod +x init.sh`).
- Debug any issues by adding debugging statements or inspecting the workflow environment during execution.