

How to Create a GitHub Actions Workflow with `workflow_dispatch` Using Only the GitHub Web Interface

Step 1: Open Your GitHub Repository

- Go to your repository on [GitHub.com](https://github.com).
 - Make sure you are logged in and have permissions to edit the repo.
-

Step 2: Open the "Actions" Tab

- At the top of the repo, click the **Actions** tab.
- If it's your **first** GitHub Action, you will see a button "**Set up a workflow yourself**".
- Otherwise, look for "**New workflow**" or "**Set up a workflow manually**" (usually a small link at the bottom of the list).

Click on that!

Step 3: Create a New Workflow File

- GitHub will open an editor for a new YAML file.
- In the editor, **replace all the default content** with your own YAML.
- **Paste this:**

```
name: tutorial_pipeline

on:
  workflow_dispatch:

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

      - name: Install Java 11
        uses: actions/setup-java@v3
        with:
          java-version: '11'
```

```
distribution: 'temurin'

- name: Build and Test
  run: mvn -B verify || true
```

Step 4: Save the Workflow

- At the bottom of the editor, GitHub will ask you to **"Start commit"**.
- Enter a commit message like `"Add manual trigger workflow"`.
- Make sure **Commit directly to the** `main` branch is selected (or your default branch).
- Then click **"Commit new file"**.

Step 5: Run the Workflow Manually

- After committing, GitHub brings you back to the **Actions** tab.
- Click on the `tutorial_pipeline` workflow name.
- On the right side, you will see a **"Run workflow"** button.
- Select the branch if needed, then click **Run workflow**.

🎉 Your workflow starts immediately!

Quick Recap

Step	Action
1	Go to Actions tab
2	Click New workflow or set up a workflow manually
3	Paste your YAML with <code>workflow_dispatch:</code>
4	Commit the workflow
5	Run it manually via the "Run workflow" button