

Making "hello world"

Github Actions is configured through the [YAML files](#).

💡 The trickiest part of writing the configuration files is typically getting the indentation right.

A basic example:

In order for us to make the first **hello world** pipeline, examine the following example, that makes the agent running the pipeline echo out "hello world":

```
name: hello-world
on: push
jobs:
  my-job:
    runs-on: ubuntu-latest
    steps:
      - name: my-step
        run: echo "Hello World!"
```

A line-by-line explanation of the above:

- Line 1: The **name** attribute provides useful organizational information when returning warnings, errors, and output. The name should be meaningful to you as an action within your build process.
- Line 2: The **on** is the name of the GitHub event that triggers the workflow.
- Line 3: The **jobs** level contains a collection of jobs that make up the workflow.
- Line 4-5: The **my-job** is an example of the name for a job, **runs-on** describes on which operating system the pipeline should run.
- Line 6-8: The **steps** collection is an ordered list of **run** directives. Each **run** directive is executed in the order in which it is declared.

Task

- Paste the example into `.github/workflows/hello-world.yaml`.
- Add and commit the file and push it to Github.
- Go to Github Actions tab of the repository and check the action status.

Results

You should see something like this in the logs of Github Actions: (Note: The logs can be a bit hard to find the first time 😊, but give it a shot)

```
#!/bin/sh -eo pipefail
echo 'Hello World!'

Hello World!
```

Congratulations! You have successfully created the first Github Actions workflow, and ran it successfully 🎉.