

Please complete the following setup before the workshop on
Saturday, August 30 2025

Prerequisite

The workshop assumes you have basic working knowledge of the following

- Git - init, clone, push, pull
- Basic coding skills
- Determined to learn something new, meet people and have fun. Never give up, never surrender!

Software to Install

Please install the following software:

1. Git - <https://git-scm.com/downloads>
2. Docker
 - Windows - <https://docs.docker.com/desktop/setup/install/windows-install/>
 - OSX - <https://docs.docker.com/desktop/setup/install/mac-install/>
3. Visual Studio Code (VSC) - <https://code.visualstudio.com/download>
4. Node - <https://nodejs.org/en/download/>. You can install the latest (v24) or LTS (v22)
5. act - <https://github.com/nektos/act/releases>.
6. Download the following workshop archive file
 - https://gunpla.sgp1.digitaloceanspaces.com/countingbook_2025_08_22-15_39_24.zip

Post Installation

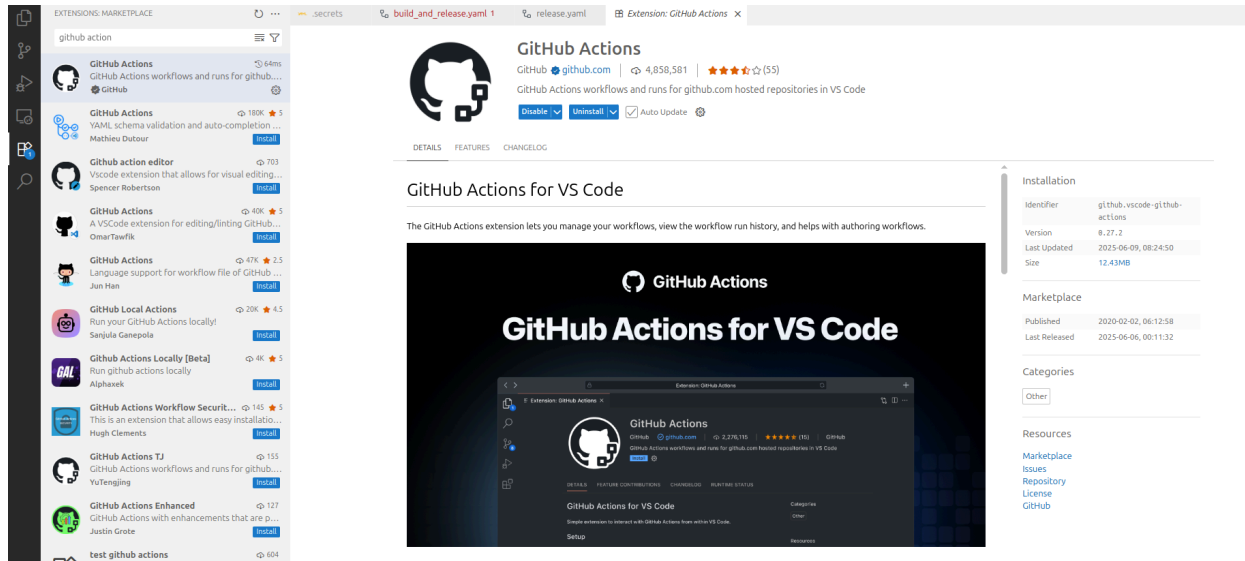
act

Copy the binary to

- Windows - `c:\bin` directory. If the directory does not exist, create it. Add `c:\bin` to your `PATH` variable.
- OSX - `/usr/local/bin`. You will need root permission to do this

Visual Studio Code

Open VSC, search for and install GitHub Actions by GitHub from the extension panel.



Install Node Packages

Open a terminal and run the following command to install Angular and Netlify

```
npm i -g @angular/cli netlify-cli
```

On OSX, prefix the command with **sudo**

```
sudo npm i -g @angular/cli netlify-cli
```

Test Docker Installation

Open your terminal and run the following command

```
docker run --rm rancher/cowsay 'hello, world'
```

You should see the following output

```
[tmp] docker run --rm rancher/cowsay 'hello, world'
Unable to find image 'rancher/cowsay:latest' locally
latest: Pulling from rancher/cowsay
cbdbe7a5bc2a: Pull complete
dd05e66d8cea: Pull complete
34d5e986f175: Pull complete
13eefd6dfff68: Pull complete
Digest: sha256:5dab61268bc18daf56febb5a856b618961cd806dbc49a22a636128ca26f0bd94
Status: Downloaded newer image for rancher/cowsay:latest

< hello, world >
-----
      \      ^__^
       \      (oo)\_______
            (_____)\/_____/
                 ||----w |
                 ||     ||

[tmp] █
```

Accounts

Create accounts on the following services

- GitHub - <https://github.com/>
- Netlify - <https://www.netlify.com>