AHA Flow Overview

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Install and Start Docker Daemon

- Install docker following the instructions for your OS https://docs.docker.com/engine/install/
- Start docker daemon
  - Linux: "sudo systemctl start docker"
  - Mac/Windows: Download Docker Desktop and launch
  - Note: you **don't** need to sign in, just launch the app

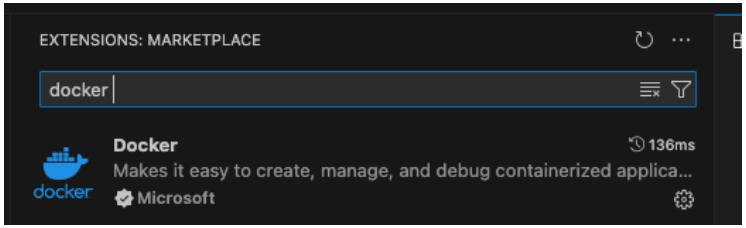
Docker

Pull Stanford Image

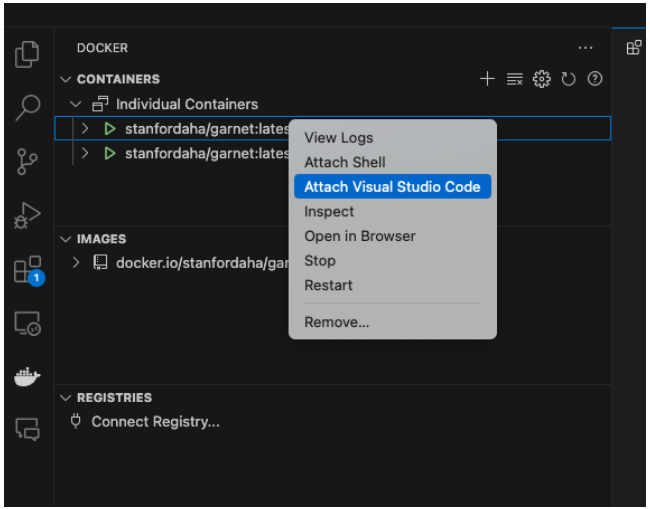
- In a terminal or command shell
- -> docker pull stanfordaha/garnet:micro-demos
- -> docker run -it -d --name {container-name} stanfordaha/garnet:micro-demos bash
- For Apple Silicon: add "--platform linux/amd64"
- If you have access to your own cad tools, you can mount those folders in your docker with –v /cad:/cad
- -> docker attach {container-name}
- -> apt update && apt install vim –y

Attach VSCode (Optional)

- Install the Docker extension



- Select Docker
- Attach Visual Studio Code



Docker 101

- To leave a docker use "ctrl+p, ctrl+q"
- To view all dockers use "docker container list"
- To reattach to docker use "docker attach {container-name}"
- To copy into and out of docker use "docker cp"
  - Ex: docker cp {container-name}:/aha/image.png .

aha repo: https://github.com/StanfordAHA/aha

- Submodules roughly correspond to the different parts of the AHA flow