

Docker

Agenda

Introduction

Docker Files

Docker Build

Docker Container

Docker Hub

Docker Application

Introduction

What is Docker?

- An open-source software platform that debuted in 2013 with the purpose of creating, deploying, and managing virtual application containers on "common" operating system.
- It works through containers. Docker packs, provides, and runs each application accordingly.

Containerized Applications



Docker Files

Docker Build

1. In VS Code, select Terminal > New Terminal.
2. In the terminal window or a Bash window, run this command.

```
docker run -d -p 80:80 docker/getting-started
```

If you want to remove it...

1. Run this command to get its container ID: `docker ps`
2. Then stop and remove the container:

```
docker stop [ID]  
docker rm [ID]
```

1. Refresh your browser. The container built a moment ago is gone.

Docker Hub

```
docker push [OPTIONS] NAME[:TAG]
```