Docker

Agenda

Introduction

Docker Files

Docker Build

Docker Container

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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.
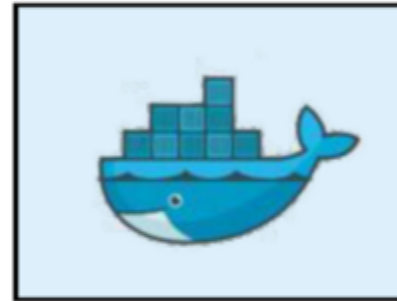
Containerized Applications

Docker Files

Build

Dockerfile

Docker
Image

Run

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 docker rm

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

Docker Hub

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