What is Docker?

Docker :

- The company Docker, Inc.

- Docker the container runtime and orchestration engine

- Docker the open source project (Moby)

The Company

Docker, Inc. :

- Based out of San Francisco

- Found by Solomon Hykes

- Started as a PaaS provider called dotCloud

- dotCloud leveraged Linux containers

- Their internal tool used to manage containers was nick-named Docker
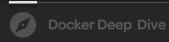
- In 2013, dotCloud was rebranded as Docker

The Runtime and Orchestration Engine

The Docker runtime and orchestration engine :

- Most people are referring to the Docker Engine

- Two main editions:

    - Enterprise Edition (EE)
    - Community Edition (CE)
- Both are released quarterly

    - CE is supported for 4 months
    - EE is supported for 12 months

The Open-Source Project

Moby:

- The upstream project of Docker

- Breaks Docker down into more modular components

- Code is available on GitHub: https://github.com/moby/moby

Why Use Docker?

Docker Use Cases:

- Dev/Prod parody
- Simplifying Configuration
- Code Pipeline Management
- Developer Productivity
- App Isolation
- Server Consolidation
- Debugging Capabilities
- Multi-tenancy