



Docker for developers – 24 Hours

Overview:

This course introduces Docker to application developers. It teaches the reasons why we need container technology to begin with and the specifics of the Docker platform.

Intended Audience

Developers who have the need to develop application with Docker as the target platform. This is usually required by developers who need to host their apps on either a public cloud provider or an onprem cloud, or just developer who wish to gain more determinism and clarity from their development, testing and production environments.

Prerequisites

Developers of any type are welcome. Experience in developing web applications is beneficial but not mandatory.

At the end of the course participats will be able to..

Participants will gain an understanding of what container technology is and in what circumstances they need it. Participants will be able to create Docker images containing their applications, run their Docker images locally or remotely, debug their applications even when they running within Docker containers and handle their application logs.

Outline

- How virtual machines work
- Containers vs virtual machines
- Introduction to Docker
- Installing Docker
- The Docker Architecture
- The Docker Engine
- Building Docker Images
- Building Containers from Images
- Networking with Docker
- Security with Docker
- Registry Architecture
- Deploying applications with Docker
- Handling logs
- Debugging with Docker

מבין לקוחותינו:



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