

Introduction to Docker

Course Overview

- Learn what Docker is and what it is for.
- Learn the terminology, and define images, containers, etc.
- Learn how to install Docker.
- Use Docker to run containers.
- Use Docker to build containers.
- Learn how to orchestrate Docker containers.
- Interact with the Docker Hub website

Agenda Part 1

- Container and docker theory
- Essential git
- Install Docker
- Our First Containers
- Background Containers
- Restarting and Attaching to Containers
- Understanding Docker Images
- Building Docker images
- Advanced Dockerfiles
- A quick word about the Docker Hub

Agenda - Part 2

- Naming and inspecting containers
- Introduction to Container Networking
- Container Network Model
- (Connecting Containers with Links)
- Local Development Workflow with Docker
- Working with Volumes
- Compose For Development Stacks