



We're the free and open source technology experts.

Our courses feature experienced tutors and small class sizes. We can tailor any course to meet your specific requirements.

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Introduction to Docker

Course details

Duration: 1 day

Cost: \$760 (ex gst)

To register email: training@catalyst.net.nz

About the course

Learn how to use the software containerisation platform, Docker. We'll show you where Docker can be used, how to use the Docker command line and give you an understanding of the Docker environment.

Course outline

- The benefits of docker
- How does docker differ from virtualisation technologies?
- Understanding the components
- Dockerising applications
- Working with containers
- Get started with images
- Linking containers together
- Managing data in containers
- Using Registries and Docker Hub
- Diff, union file systems and layering
- Microservice architecture
- Use cases
- The Docker ecosystem
- Security
- Kubernetes and docker compose demo.

Note: These are the topics normally covered but might alter slightly depending on the needs of the trainees.

Target Audience

Programmers, development teams and operations engineers who want to know about Docker, where and when it can be used.

Prerequisites

This course assumes no prior Docker knowledge.