

DOCKER

COURSE SYLLABUS

What is Docker?

Use cases

Major components of Docker

Docker architecture fundamentals

Docker architecture

Docker images

Docker registry

Docker containers

The underlying technology

Namespaces

Control groups

[Union FS](#)

[Container format](#)

Installation of Docker

[Installation on Ubuntu via apt-get](#)

[installation of newer version of Docker](#)

Dockerizing applications

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[Interactive container](#)

[Daemonizing programs](#)

Container usage

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[Investigating a container](#)

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[Looking at processes](#)

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Managing images

[Listing images](#)

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Networking of containers

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[Linking and environment variables](#)

Data in containers

[Data volumes](#)

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[Backup, restore of data volumes](#)

Contributing to the ecosystem

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