

# Overview

## Talk

- Motivations
- Containers
- Docker & Dockerfiles
- Data storage
- Scientific Usage
- Case Study
- HPC
- Image Management

## Tutorial

- Installing
- Running a container
- Dockerfiles
- Lifetimes
- Data
- Jupyter
- Advanced Dockerfiles
- Docker Hub
- Exploring Images

# Motivations

- Portable & repeatable environments
- Easy installation of complete software stacks
- Virtual machines too heavy
- Easy mass deployment
- Application isolation