

CONTAINERS FOR PEOPLE IN A HURRY - SAMPLE AGENDA

08:45 – 09:00 Introductions and setup

09:00 – 09:30 Container market update and why is everyone so interested in containers

- why should you be interested in containers right now
- what kind of projects are related to containers and what are container projects like
- what kind of players are active in the market
- shortly from analysts

09:30– 10:15 What is a container

- the technology basics level set, what really is a container
- VM's vs Containers - the differences and the similarities
- what is a container image and what does it consist of
- stateful vs stateless and what does it actually mean
- container networking in 5 minutes
- containers and storage for a newcomer
- how do you build containers

What are they good for and why

- Why do containers make DevOps easier
- What is a CI/CD
- Why do you need versioning (Git)
- Why do Dev's like containers
- Still, why shouldn't just Dev's deal with containers

10:15 – 10:30 break

10:30 – 11:00 What is container orchestration

- why is there such a thing as container orchestration and what does it do
- what is Kubernetes and why is it the de facto standard in the making
- benefits of orchestration
- what does self-healing mean
- how do containers move around the cluster
- what are namespaces
- what is Kubernetes API and what can you do with it

11:00 – 11:30 How and where to run your containers

- options to how run your containers
- purpose of a Kubernetes distribution vs containers inside virtual machines
- short introduction to container orchestration cloud services
- on premise containers vs cloud services vs service providers
- what are Serverless and PaaS and what do they have to do with containers

11:30 – 12:00 Services and containers

- monitoring, log management and data collection vs VM's
- Backup and Disaster recovery of containers
- what do you need to run a container environment ...
- what is an ingress
- why and what is registry- Private vs. Public registry and why does it matter.
- how and where do you build containers
- lifecycle management (patching containers)
- container security considerations

12:00 – 12:30

- what kind of opportunities do containers provide for IT and Business
- important things to consider when planning for IT services for containers
- how can Datalounges help
- Q&A