

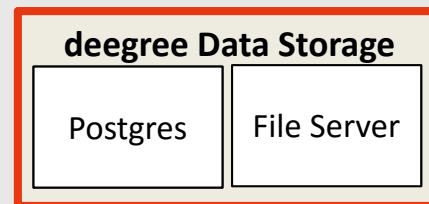
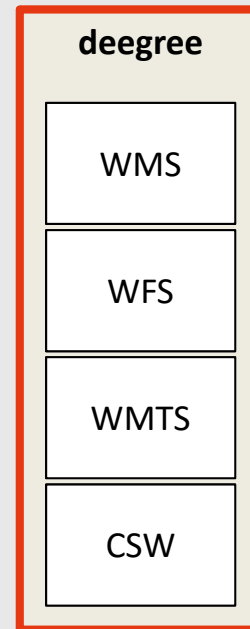
# INSPIRE in Box

## A Complete Virtual Appliance for INSPIRE Network Services for On Premise and Cloud Use

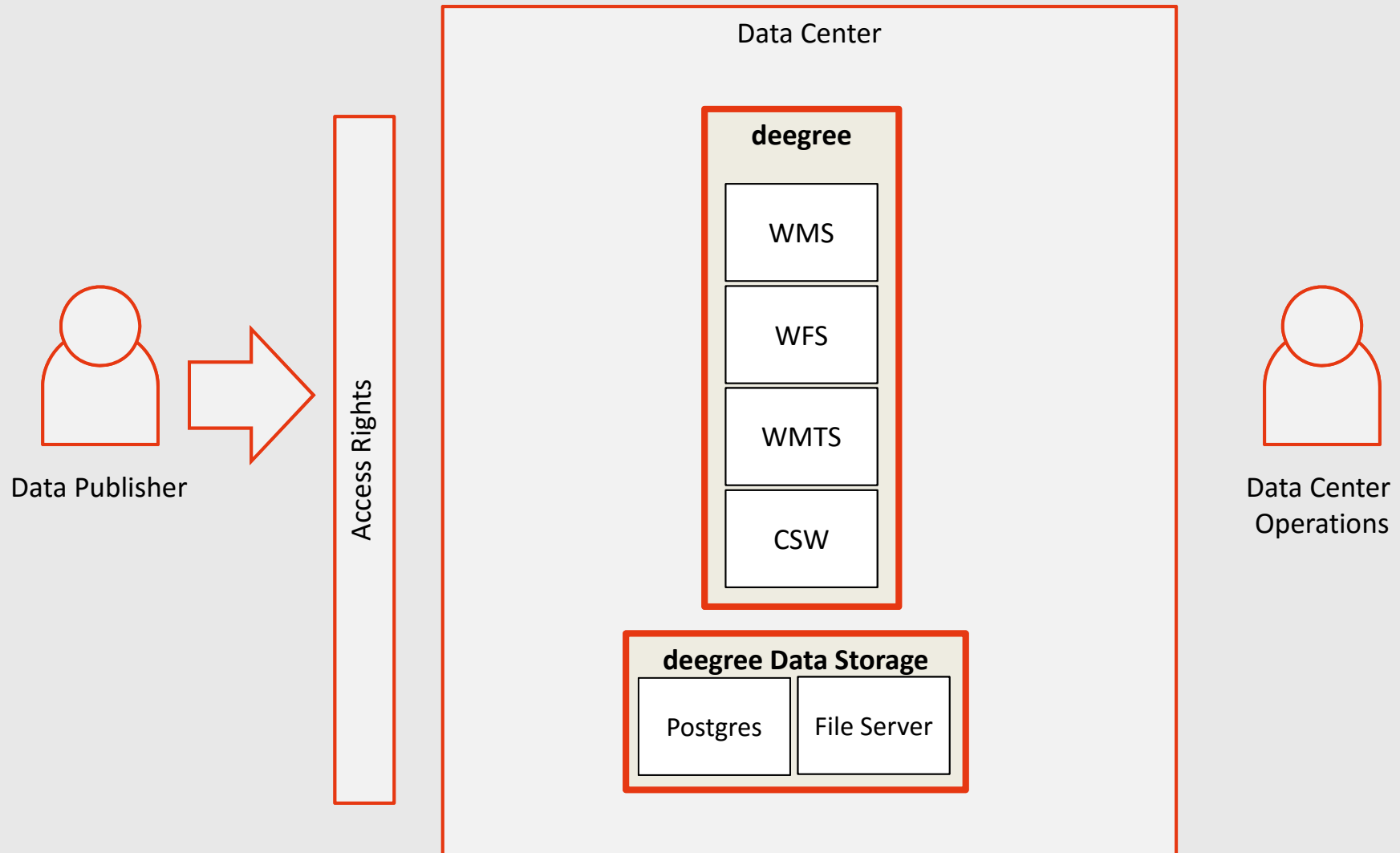
INSPIRE Conference 2017  
Strasbourg

Dr. Andreas Rose  
grit GmbH

# The Start



# deegree goes Data Center



## deegree Enterprise Edition - Administration Applications

Services	Access	Users	Data Upload	INSPIRE	xPlanBox	Monitoring	Reporting Messages	Security
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### deegree

WMS
WFS
WMTS
CSW

### deegree Enterprise Edition - Services

INSPIRE View	xPlanBox	Load & Update
INSPIRE Atom Feed	High Res. Plot	ETL Tools
INSPIRE Download	Accounting	Web Auth. Service
Monitoring Sensors	SDI Defender	...

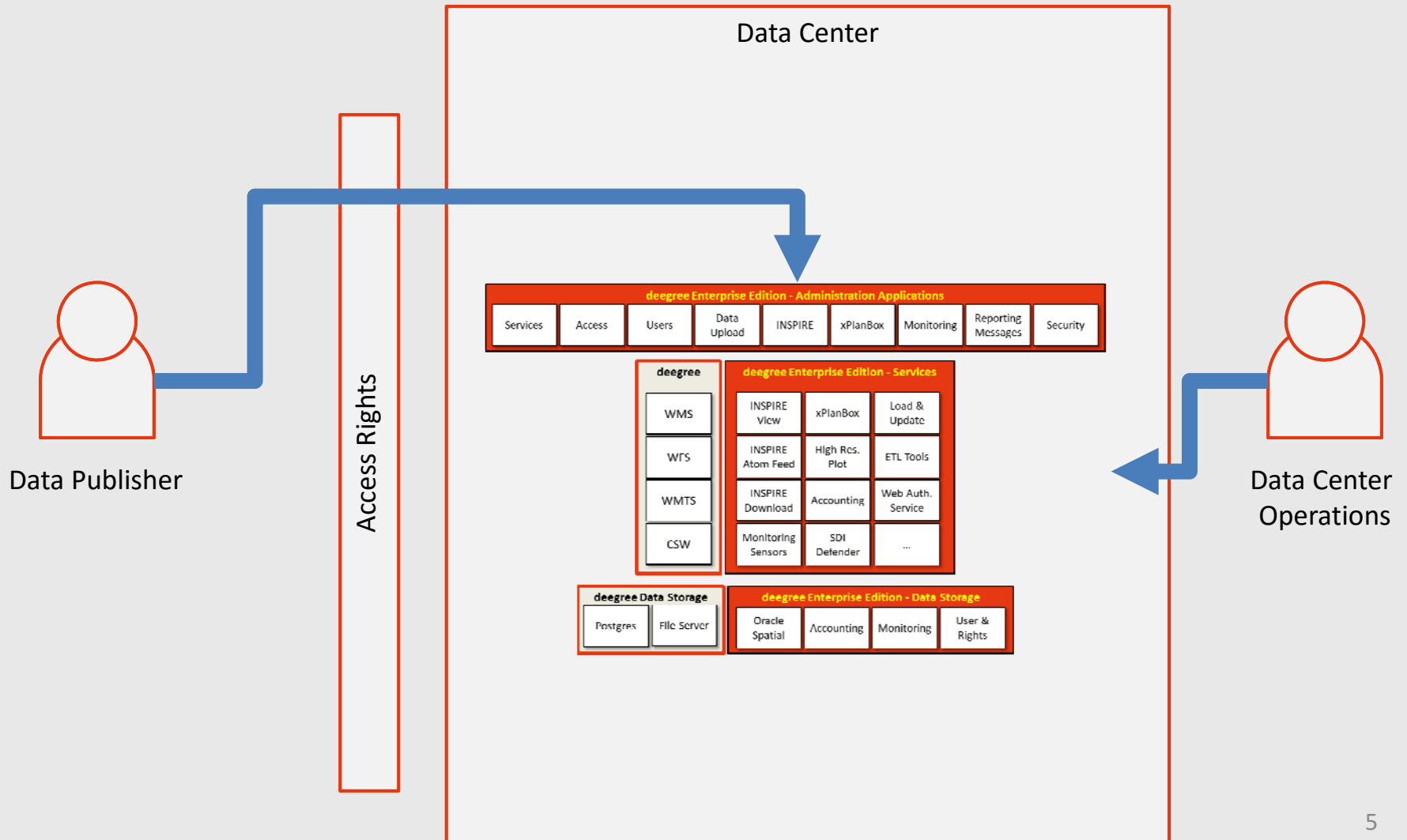
### deegree Data Storage

Postgres	File Server
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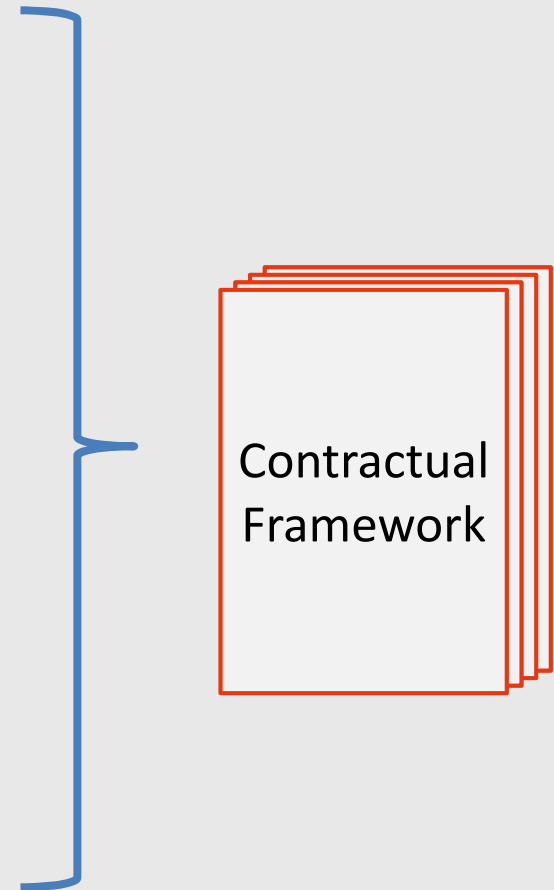
### deegree Enterprise Edition - Data Storage

Oracle Spatial	Accounting	Monitoring	User & Rights
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# Shared Operations



- 24/7 Operation
- 99.9% Availability
- Software Maintenance
  - Security Patches
  - Bugfixes
  - Software Development
  - Road Map
- Operational Support



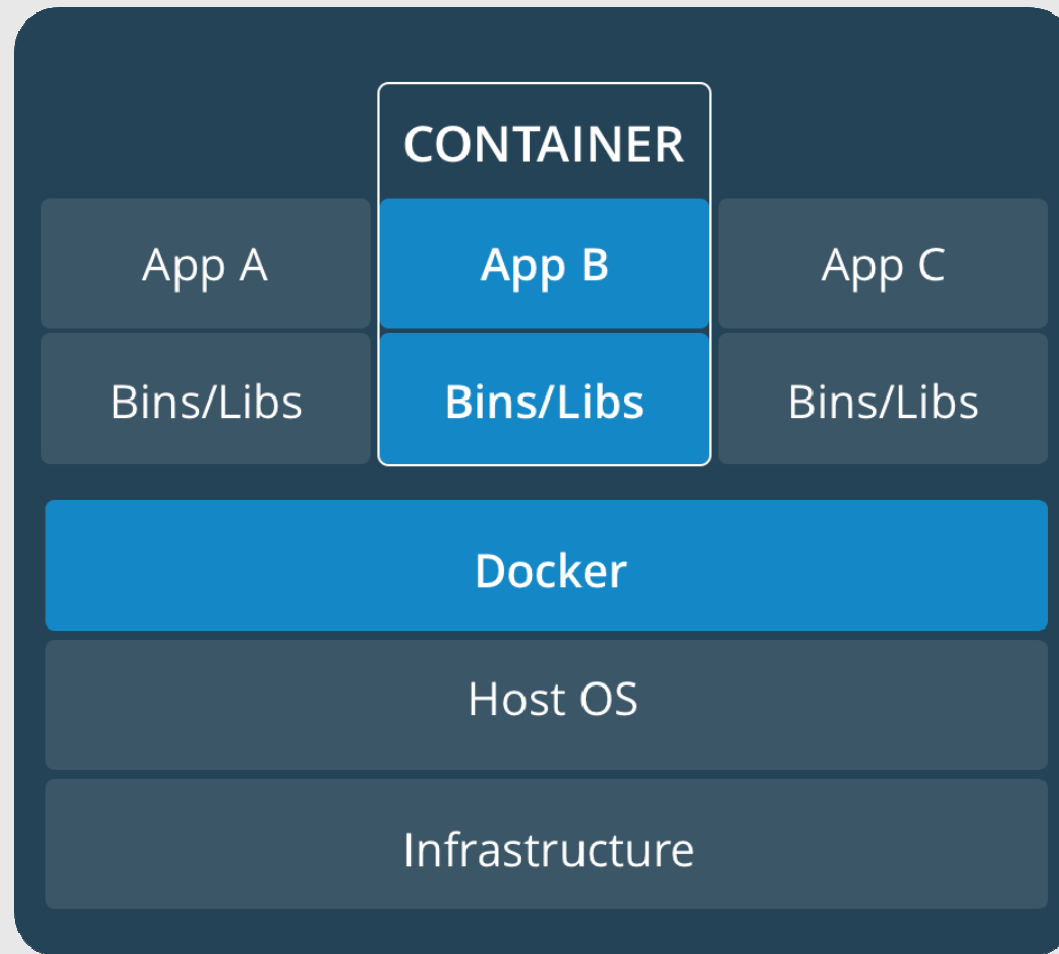
## Quality Assurance

# Solution



docker



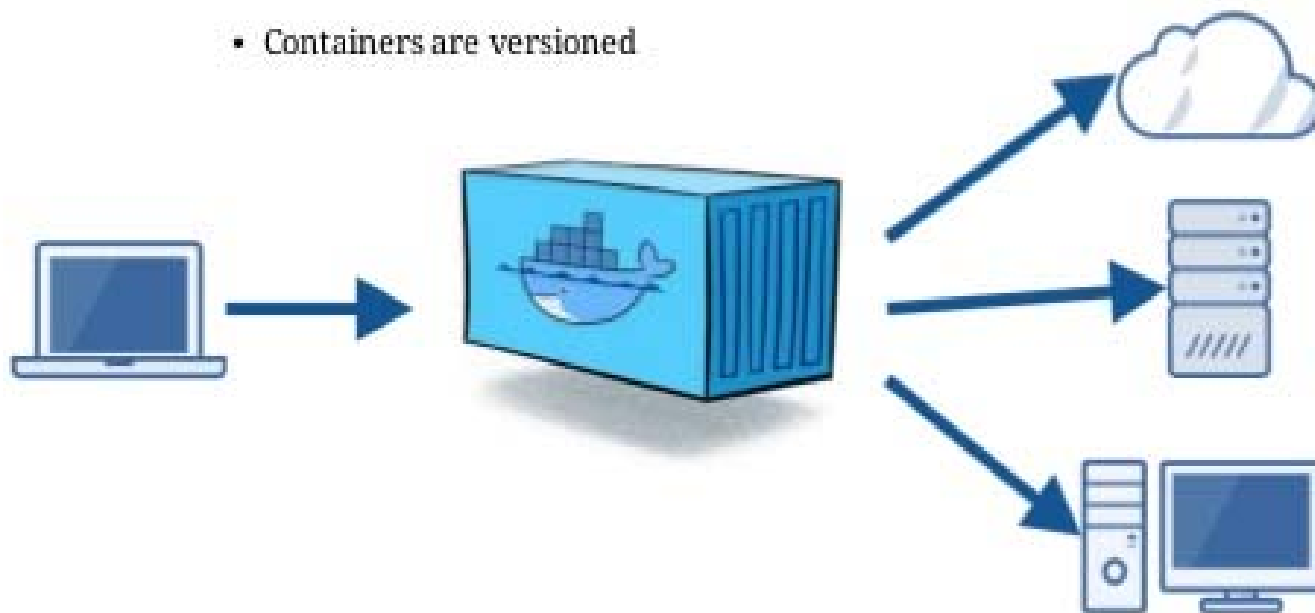


What is it?

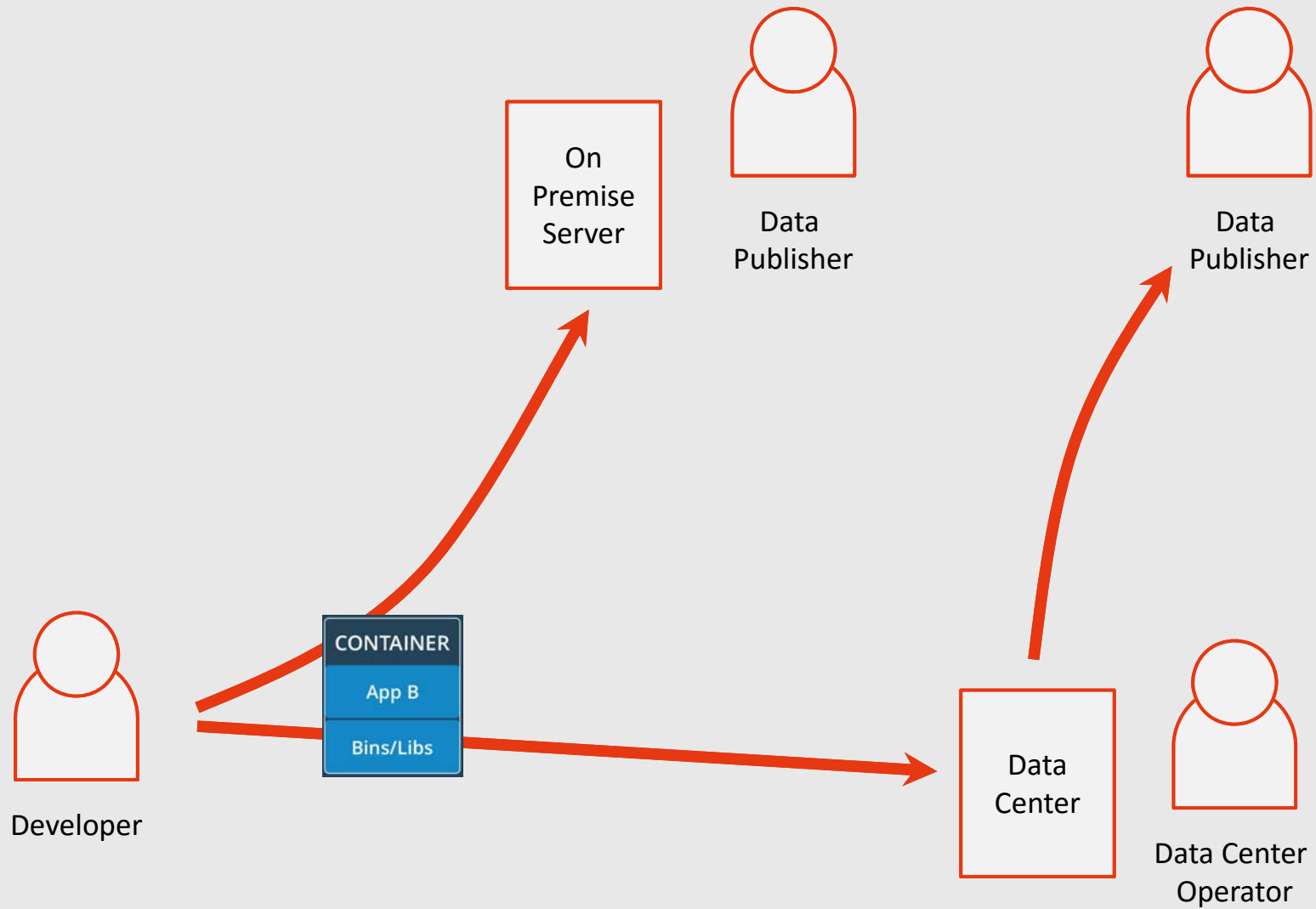
Why use it?

## Build - Ship - Run

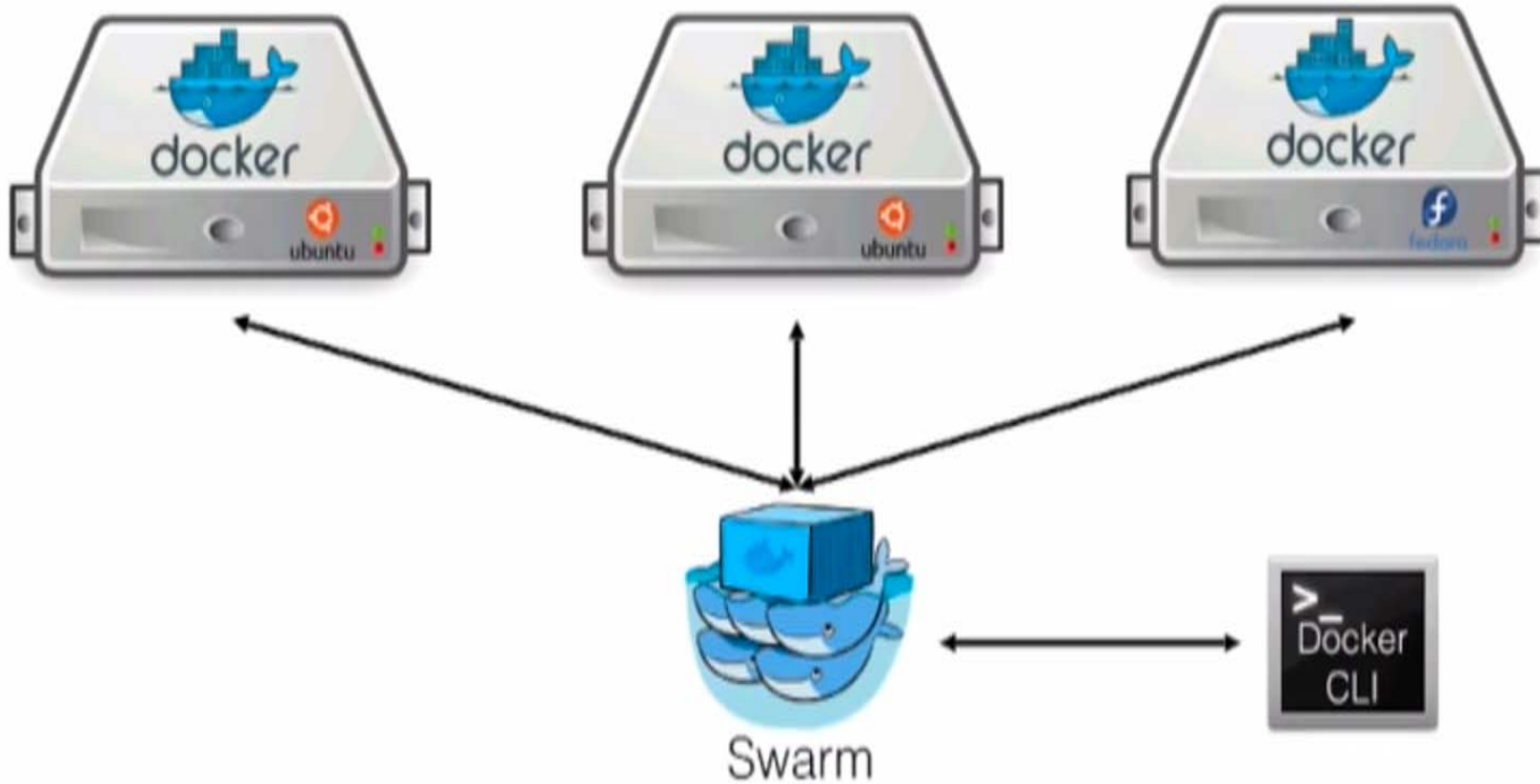
- Reproducible development environment
- Same container in dev, test and prod
- Containers are versioned



# Operational Aspects



# Scaling



# Summary

- Reliability
- Scalability
- Distribution
- Speed
  
- Costs

Thanks for your kind attention.

Do you have any questions?