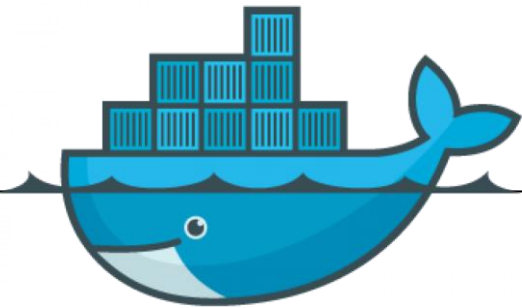
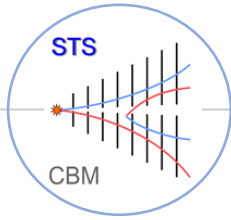


Compose your services



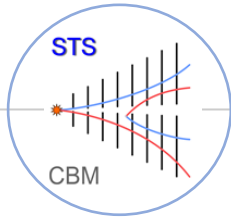
Marcel Bajdel

EPICS
ITW



Overview

- Github – [Compose your services](#)
- **Compose your services** – images of different services forming a working stack
 - Control System Studio (Phoebus)
 - Example IOC
 - Redis database
 - Archiver appliance
 - Zookeeper
 - Kafka
 - Alarm server
 - Alarm logger
 - Elasticsearch
 - Kibana
 - Save and Restore service (jmasar + postgresql)



Overview

- Python scripts as a base for configuration and deploying services
 - Settings.py – creates settings files for Phoebus, alarm-server and defines startup/stop procedures
 - Config.py – defines all settings and variables needed to connect the services
 - Startup.py – defines the actions to be performed
 - So far... start and stop
 - More to come: deploying certain services in standalone mode or some smaller stacks
- Still some work on the images and overall performance required