



Web reporting framework for control data analysis

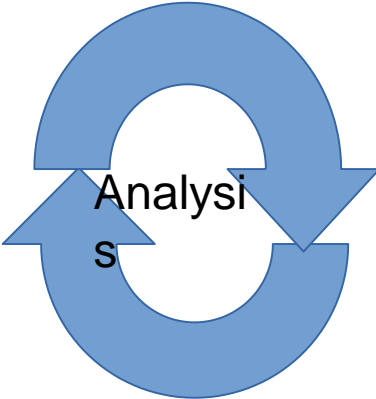
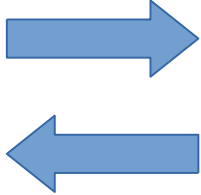
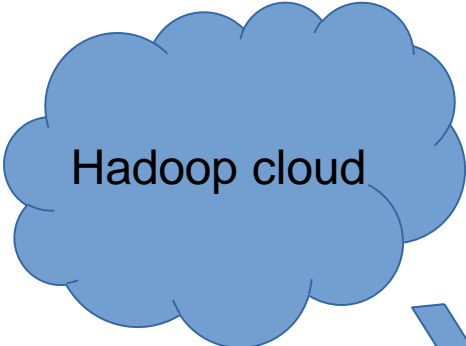
- Lauri Sainio
- University of Helsinki
- BE-ICS
- Openlab projects funded by SIEMENS

ANALYTICS REPORTING ARCHITECTURE

Control system applications



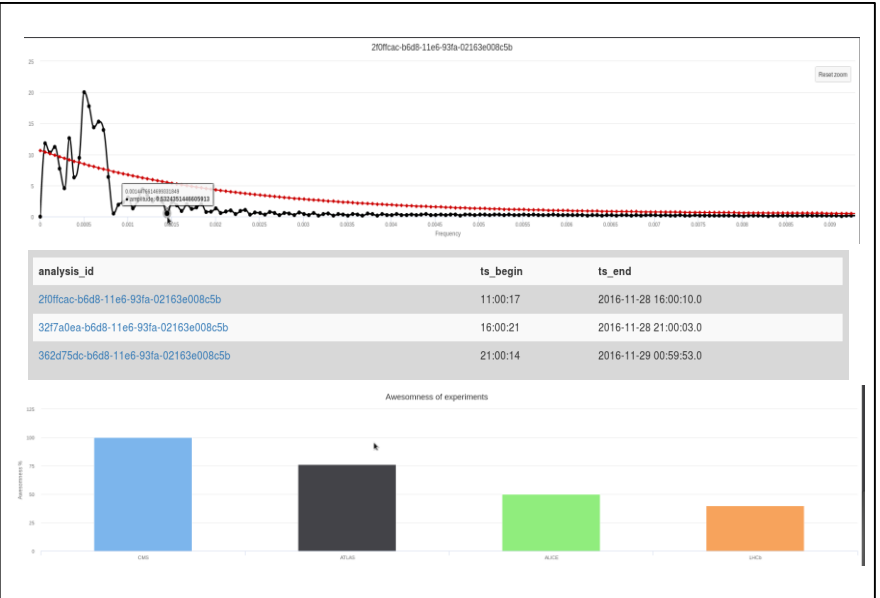
Data



- Data scientists
- System experts
- Operators

Impala

Web framework



JSON Config File



ADVANTAGES

- Extendable web interface
- Mapping data to dynamic visualizations using configuration file
- Improved user interface
- Easy and portable access to control data results
- Able to query massive datasets for visualization
- Fast way to test datasets for developers

CURRENT STATUS & FUTURE WORK **SIEMENS**

- New web reporting framework
- Map dynamic data to dynamic charts
- Framework will be used for future analysis
- Will be extended to run data analysis from web pages

Thanks for SIEMENS and CERN openlab