WP4: Online Systems

26.01.2017

Wiki and Gitlab

- ssh key support under investigation

- Ongoing git workflow refinement

- Please give feedback

- Add own/alternative workflows to wiki

Installation

- I'll put some step-by-step package installation recipes in the wiki this week.

- Planned OS support:
  - Ubuntu 16.04 (14.04)
  - CentOS 6 & 7
  - macOS sierra

- Collection of install scripts under development
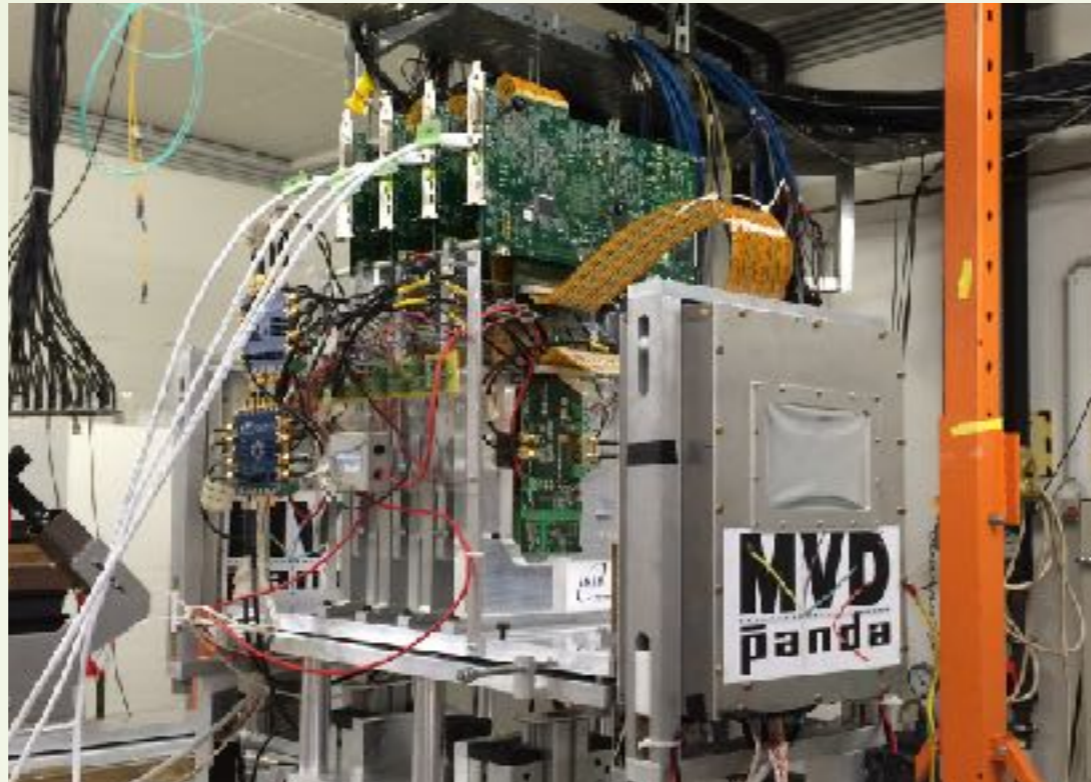
- VM and container also under development

Online System Tests

- First get DATE setup running

- Look into O2/FairRoot panda prototype test

- Check Go4 (GSI system, based on ROOT)

Test of FairMQ with Real Data

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- Parallel readout of 4 pixel detectors
- Readout done by 4 FPGA boards sending their data to two PCs
- On the PC bitstream converted into raw data
- Raw data send via FairMQ to a FileSink

Tobias Stockmanns https://indico.cern.ch/event/505613/contributions/2227258/