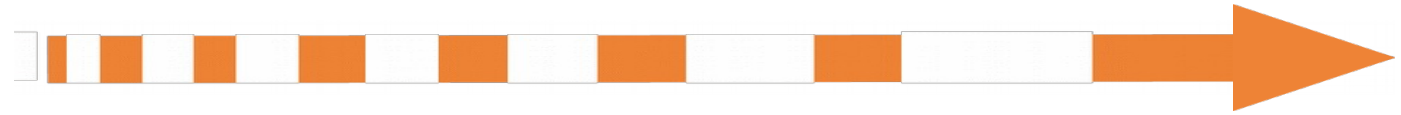


QoS: Status, Plans, Contributions to the HL-LHC review document



Data Management for extreme scale computing



Paul Millar

on behalf of the DOMA-QoS WG

DOMA-QoS meeting after workshop

✂ Included QoS presentations from RAL and CNAF

Unfortunately, unable to include these contributions in the QoS workshop due to lack of time.

✂ Good attendance: some 20 remote participants.

✂ Asked two big questions:

- ⋯→ Do we have any volunteers to provide a novel QoS in conjunction with an experiment?
- ⋯→ Does anyone want to revive/create some kind of site-oriented forum for exchange of experience and plans?

✂ No clear answer from those present.

ESCAPE QoS mini-workshop at CERN



- ✘ Discussion at CERN based on QoS support through the ESCAPE project.

Present: Martin (Rucio), Mario (ATLAS), Paul & Aleem (DESY), Aris (CERN).

- ✘ The meeting focused on

- Capturing ATLAS QoS requirements,
- Initial thoughts for an ESCAPE QoS architecture.

- ✘ Workshop output was a document describing discussion and decisions, with concrete next steps.

Provides a mixture of above topics

- ✘ Plan to split this document into two parts: an ATLAS QoS use-case document and an ESCAPE QoS architecture.

ATLAS document may be used as a blueprint for future WLCG-VO QoS discussion, and for ESFRI facilities outside of WLCG

HL-LHC: QoS chapter: current status

- ✘ Happy with the high level structure of chapter:
 - Four sections: challenges and motivation, related activity, current Status, and Future work
- ✘ Most of the document is at 1st draft state.
- ✘ Missing parts:
 - ⋯→ Some details under “related activity”
 - ⋯→ A concrete, quantitative example showing how QoS saves money.
 - ⋯→ Timelines

HL-LHC: QoS chapter: completing

- ✘ Ongoing work to be split between Oliver and myself
 - ☛→ Add missing diagrams.
 - ☛→ Provide a quantitative example where QoS saves money
 - ☛→ Timelines for future work.
- ✘ Would like to schedule another document “live-editing” hackathon
 - ☛→ Previous one was quite successful.

Thanks for listening