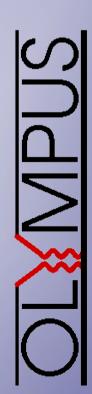# OLYMPUS

DAQ

Status Sept. 11

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Overview

- DAQ Hardware status
- DAQ software status
- DAQ user software status
- zebra2root

Readout status

- ToF readout – done

- Wirechamber readout – done

- MWPC readout – done (raw binary)

- Lumi readout – done, needs testing

- Symmetric moller readout – w.i.p

- Slowcontrol integration – hopefully next week

DAQ Hardware status

- Dataserver:
  - Approx 6 TB synced discspace
  - Two machines (osaver1/2) with redundant layout
- Central service nodes
  - Two machines (oservice1/2) in failover configuration (DRBD)
- Central development machine -- ocontrol

DAQ User-Software

- Graphical user frontend – done (DAQt)

    – Integrated rundb

    – Integrated logging

- Online monitoring – mostly done

    – ToF spectra – done

    – Wirechamber spectra – done

    – Trigger – w.i.p.

    – MWPC – need info

    – Lumi – need info

    – Moller – need info

zebra2ROOT

- Automatic conversion of raw zebrafiles to ROOT tree
- libolymputree definition of all detectors
- Converter status:
    - ToFs – done
    - Wirechamber – done
    - Rawconverter (Lumi and MWPC) – done
    - Trigger – w.i.p.
    - DAQ – w.i.p.
    - Moller – not started