

# Software Status (1)

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## **Summary of recent work**

- Discussions on future software
- Use of software “pieces”
- Move to Linux platforms
- Work with TTCvi

## **Future DAQ Software**

- Calibration section of Requirements Document updated
- Still needs more understanding of numerical requirements
- Understanding of database organisation (also with CTP, Muons)
- Started work on “Use Cases” for data acquisition
- Outline design for short term DAQ system for ROD and prototype modules (in the absence of suitable components from DAQ -1 project)

# Software Status (2)

## Investigated Available Software

- Many “Back End” DAQ -1 components have now been tried successfully
- Useful interaction with members of the CERN DAQ group
- Heidelberg software installed - some problems getting it going
- Successful use of ROOT (distributed OO histogramming package)

## Linux Platforms

- Aim for Linux systems at QMW (exists), RAL (imminent), Bham (soon?)
- VME access via network initially
- Other options still open

## Work on TTCvi

- TTCvi incorporated into existing diagnostic software
- Not yet tried with Heidelberg software
- High level design of TTCvi classes under discussion