Software: DSS

Diagnostics

- $\sim$ All there for some time now (except update for last programming model changes)
- Short user guide to be written
- Operations on memories are a bit slow

DAQ

- $\sim$ All code has now been written and is being tested
- **daqctl**: menus set run parameters OK
- **daqprod**: runs properly and generates events on interrupt; minor bug to be fixed
- **event dump**: event format looks sensible
- **daqana**: histogramming still to be tested
- Tested on VIC with 1/3 of DSS memory

Hardware & Software Platforms

Software

- Chris Bee asked which OS and compilers we are using now and which we intend to use in the next 18 months
- Response drafted with input from most groups
- Little commonality between all six groups
- Linux seems the most likely future platform
- Provokes strong reactions, esp in connection with...

Hardware & Software Platforms

Hardware

- (Heated!) discussion on possible replacement for 68K based LynxOS systems
- Atlas DAQ support for some options:
  - VME based PC (VMIC 7587)
  - Desktop PC with SBS-Bit3 617 PCI-VME interface
- No concensus in UK even - discuss again at joint meeting

Software: Other Matters

Calibration: We are gathering information (and more questions) on how we will carry out the various calibration tasks.

Tools: We have been using CVS (a bit). We are looking at software CASE tools (StP).

Readout issues: Various smaller discussions on CPM readout. Schemes proposed and discarded. Progress on the ROD end too.

Future DAQ: Starting to think about future DAQ systems and how to evolve towards using ATLAS DAQ software - eg for ROD tests?

Future Diagnostics: Still needs to be discussed... (Mainz are using the HD software for JEM-2 tests).