

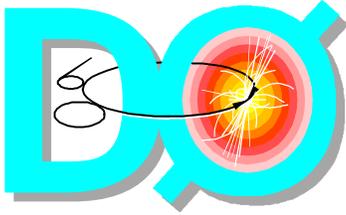
Online Status

- **Hardware Purchases**

- u **Portions of all system element types in place**
 - s will buy most of network infrastructure this summer
 - s front-end processors purchased as needed
 - s remainder of processor, storage purchases on idle until last moment
- u **~ 35% complete**

- **Event Data Path**

- u **Demonstrated for single crate readout all the way to disk file**
 - s via Level 3, Collector/Router, Data Logger, and Data Distributor components
 - s multi-crate readout awaiting L1 hardware
 - s exercise of high-rate path to FCC by end of summer
- u **~ 90% complete on first versions of all applications; continual upgrading to follow**



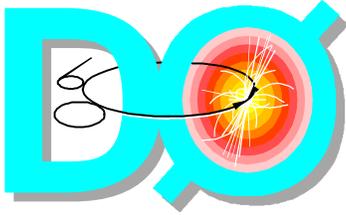
Online Status

- **Control Path**

- u **Demonstrated EPICS-based applications:**
 - s Low voltage power supplies
 - s High voltage power supplies
 - s 1553-based rack monitor (generalized analog and digital readings/settings)
 - s VME address space access
- u **Applications in progress:**
 - s Alarm system (~ 15% complete)
- u **Development ORACLE Hardware Database established**
 - s Generates EPICS front-end databases

- **Event Monitoring**

- u **Parasitic event flow to monitoring tasks**
 - s Using offline framework for EXAMINE task
 - s Separate ROOT histogram/plot browser
 - s monitoring also exercised by injecting Monte Carlo events at “fake Level 3”
- u **Starting detector-dependent code development**



Online Status

- **DAQ Monitoring**

- u **Prototype server**

- s Collects info from trigger, DAQ processes

- u **Prototype clients**

- s Display parameters of DAQ operation

- u **~ 10% complete, active project**

- **Calibration**

- u **Rudimentary design**

- u **< 10% complete**

- u **Current concern, focus of Seattle workshop**

- **Notable activities:**

- u **Online Workshop - June 3-4, 1999**

- s Demonstrate Controls and Event Monitoring applications

- s Instruct detector experts on use and coding of specific extensions

- s 28 detector group members registered