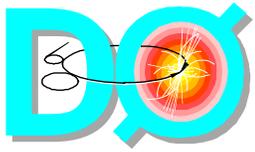


Online Hardware News

- d00lc

- ◆ Recent hardware problems

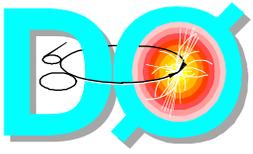
- ▲ Low level of errors in 1 of 4 CPUs, so wanted to get it replaced
- ▲ But... ran into problems with the Console Serial Bus, used at POST time and firmware loads
 - Think there's a pinched ribbon cable, but not sure
 - Cold starts might still be troublesome
- ▲ While diagnosing, updated to latest firmware release
 - But that itself was problematic - see above
- ▲ Firmware noted as supporting new PCI I/O Riser modules
 - Which were cause of concern when we bought d00lc
 - Investigated "new" module
- ▲ Silver lining... there is a potential performance enhancement



Online Hardware News

- Level 3 network
 - ◆ New VRCs, ETG/SB, and NT Farm nodes on a new “private” Gb network
 - ▲ Should support > 200 Hz
 - ▲ “Private” because this is 1000baseT (copper) and we have only Fiber ports on Cisco 6509
 - ▲ But limited # ports (12 in each of two switches)
 - ◆ Monitoring available on the web

- Linux nodes
 - ◆ Have requisition in place for 10 new nodes
 - ▲ Rack mounted, identical to Linux L3 nodes
 - ◆ Disposition:
 - ▲ 1 → FRHL7 build machine
 - ▲ 3 → DAQ
 - ▲ 1 → Luminosity
 - ▲ 5 → EXAMINE (1 is Trigger EXAMINE)



Online Hardware News

- **Storage**
 - ◆ Plan on ~ 280/2 Gbyte added to FC RAID array
 - ▲ For databases...
- **And that's the end of the \$\$\$**
 - ◆ More Control Room nodes, flat-panel monitors, etc will have to wait for future FY or collaboration "donations"