

Online Consumer Monitors status

May 24rd, 2001
Commissioning Meeting

36x36 Run (April 27–28):

- 9 consumers ran with slide shows, etc...:
(TrigMon, XMon, YMon, LumMon, ObjectMon, BeamMon, SiliMon, Stage0, & EventDisplay)
- startup scripts (consumers, display) provided to the shift people.
- Reference histograms (tables, etc.) to compare the monitored results are provided in a folder (hard-copy).
- automatic job running to compress .txt files in 'results' and 'log' areas every 6 hours (modified to every 48 hours later on).
- automatic job running to delete any files older than 24 hours in 'runarea' every 6 hours.
- consumer state manager shows the consumer status on a web page.
- HistoDisplay GUI allowed to view the results of monitors remotely as well as locally via server.

Work in progress:

- Continue to improve each monitor programs: the reference outputs, error condition monitoring/reporting including the use of the 'warning folder' utility, etc.
- Add SVXMon and L3RegionalMon SVTMon work in progress.
- Current dead line for each consumer code for the next cdfsoftb0 release is: **Tues. 29th May.**
- Work on the consumer central error receiver to put it in online.
- Improve HistoDisplayMain: add auto connection to running consumers. **(done)**
- work in progress to investigate some server/display/consumer crashes. **(some problems are fixed)**
- start a process of archiving the old files.
- Trigger selection and rate test work in progress.

- Replace partition 14 data file (run 113500).
(done)
- Work in progress to find memory leak: All the consumer have memory leak when they run with consumer input module. (basically no leak found when the program reads offline disk file).