Trigger Validation news

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for trigger validation group

June 12 , 2007

- No much news to report. Last week was devoted to CSC studies and this week is the *documentation* week.
- 13.0.20 deadline is July 17.
  - After this week of break from validation, we will need to go back to our duties
  - For 13.0.20 release, we will have an *improved* scheme of validation (which means you will have to do more.. but there will be also more tools)

which was planned long ago

- Slice representative :
  daily checks of slice ATN and RTT tests :
  - TriggerTest/test*SliceAthenaRDO, possibly also AthenaMT and
    AthenaPT tests
  - TrigAnalysisTest/test*Slice* (RDOtoESDAOD, AOD,
    AOD_doHypo)

  This includes checking logs and histogram files; reporting problems
  found and updating the references. The Friday report should
  include status of nightlies for each slice. The instructions are given
  on TriggerValidationHOWTO twiki.

- Validation shifter:
  daily checks of combined ATN and RTT tests : (everything which
  is not Slice specific).
  John, Simon, Dmitry, Ricardo and Olya will take shifts for
  validation of nightlies.

Aim to have the scheme fully functional for 13.0.20 validation

Almost ready.

The tool to compare histograms is being developed by Krzysztof Ciba and Alex Undrus. This will run within nightly tests and the output will look like :
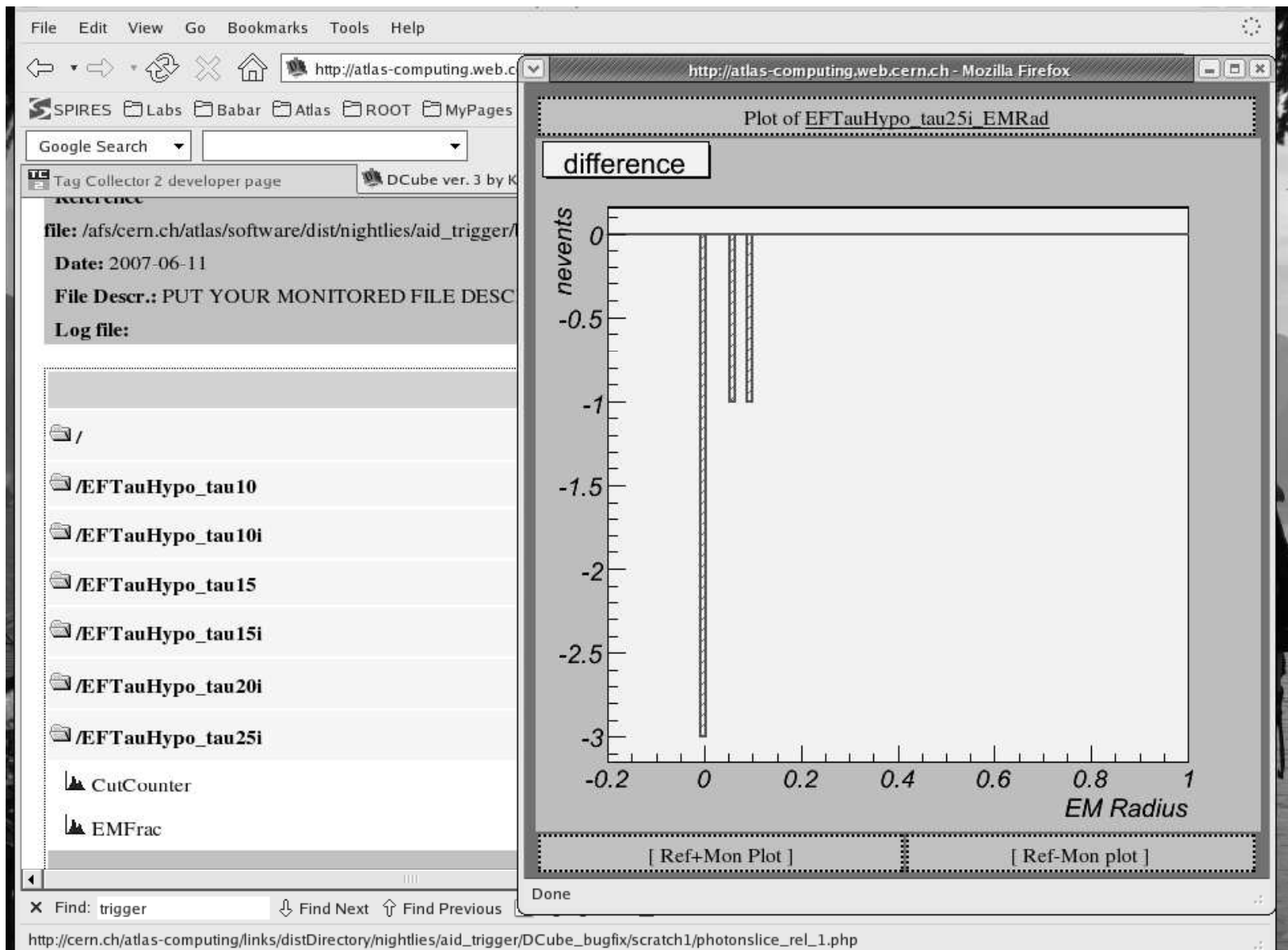
http://atlas-computing.web.cern.ch/atlas-computing/links/distDirectory/nightlies

Class Offline Validation

Process	Component	Test	Package	Log Check	Hist Check	Manager(s)
Trg	Perf	bjetslice	Trigger/TrigValidation/TriggerTest	☑	◉	perf-validation-nightly-reports at cern.ch
Trg	Perf	bphysicsslice	Trigger/TrigValidation/TriggerTest	☑	◉	perf-validation-nightly-reports at cern.ch
Trg	Perf	jetslice	Trigger/TrigValidation/TriggerTest	☑	◉	perf-validation-nightly-reports at cern.ch
Trg	Perf	metslice	Trigger/TrigValidation/TriggerTest	☑	◉	perf-validation-nightly-reports at cern.ch
Trg	Perf	muonslice	Trigger/TrigValidation/TriggerTest	☑	◉	perf-validation-nightly-reports at cern.ch
Trg	Perf	photonslice	Trigger/TrigValidation/TriggerTest	☑	◉	perf-validation-nightly-reports at cern.ch
Trg	Perf	tauslice	Trigger/TrigValidation/TriggerTest	☑	◉	perf-validation-nightly-reports at cern.ch

TriggerValidation AID

13.0.10 release as well as bugfix nightlies have sometimes crash at the end of the job. The traceback is not informative (complains only about python). The result is that the root files are not saved. All 13.0.10 ATN slice tests show it. Later nightlies do not necessarily show it, however the attempt to recreate histograms files for 1000 top events failed.

The reason is unclear yet. Any help tracing the problem would be appreciated. https://savannah.cern.ch/bugs/?26932

May be can be avoided with
export TDAQ_ERS_NO_SIGNAL_HANDLERS=1