CCB Action 20061210

Code Versions

Engineering Model (sim/recon): v6r070329p29em1

Because of FSW bugs in the new (de)compression we sometimes get corrupted events. Currently this stops digitization. This new release is more lenient with corrupted events so we can digitize the rest of the run. We currently have 53 runs we have not been able to digitize - limiting the monitoring we can do of LAT data. These changes are all in LDF related packages.

This new release also introduces a proper event time stamp intead of using the CCSDS package header time which is common for all events in a datagram.

Differences wrt the previous pipeline EM release (EM v6r070329p28)

New tags:

ldfReader v3r31p1 (see link above for a complete list of changes):
- hmk patch to AcdParser to store tileName correctly when no remapping occurs.
- hmk Anoter patch from Anders for the timestamp code
- hmk Add new LDF Warning flag if read bytes beyond end of TEM
- hmk Patch timestamp code to convert datagram creation time from starting 1/1/1970 to mission start 1/1/2001
- hmk check for missing readouts in CAL ALLRANGE and flag

enums v0r10:
- HMK Add a new error flag: LDFWARNING

digiRootData v9r5p2em1:
- HMK Add methods to query new bits in eventflag
- HMK Patch for MetaEvent copy ctor to init properly
- HMK Patch for windows in unit test

RootIo v17r9gr11:
- HMK Insert debugging statement

LdfConverter v2r7gr1:
- HMK Continue processing event even if missing CAL readouts in ALLRANGE

iExternal/ldfExt v0r620p1:
- HMK New directory struct for windows, drop the VC8 and VC8debug portion.
- HMK LDF v06-02-00 fix up new errors found during beamtest

System Tests for this version

System Tests results:

Only changes are in some CAL quantities and are consistent with using new CAL calibration files. The Tower A test did not run in the two previous releases (timed out) which prevents histograms for this test to be displayed (independently of which release on chooses as reference).

Fred version:

v0r99

Pipeline version:

v1.4.6

GRITS tag (web browsing and task configuration)

glast-ground v0r3p7
grits-gino-web version 0.55 (v0r5p5)
grits-gino version 0.95 (v0r9p5)
grits-gino-xml version 1.42 (v1r4p2)
grits-common version 0.32 (v0r3p2)

online/svac (task defs, scripts):

pipeline tasks:

online: v2r4p1

svac pipeline code and tasks:

code/tasks v3r6p0:

pipelineDatasets v0r3

ISOC code and tasks:

v0r5p0

Apps that run in pipeline:

eLog: v2r3p1
ConfigTables: v3r2p1

TestReport: v3r6p35 (digi & recon reports): awb   [This one did not make it into the pipeline!]
- v3r6p31 Trying to deal with cycles and datagram gaps for LCI runs.
- v3r6p32 Fixed event time stamps.
- v3r6p33 Typo in previous tag fixes.
- v3r6p34 Added MergeHistFiles.cxx and related lines to cmt/requirements
- v3r6p35 - Fixed bug in <6 hits in the TKR and still a TKR trigger.
            - Commented out runStrip from requirements file because of missing files.

EngineeringModelRoot: v3r0p3 (SVAC tuple): Same as before