

CCB Action 20060712

Code Versions

Engineering Model (sim/recon): [v6r070329p21](#)

It only contains changes to the calibGenXXX packages. In addition, it now includes the calibTkrUtil package. This package contains TKR monitoring code that is now used both in the svac/EngineeringModelRoot package and in the BeamTest pipeline and is needed to avoid code duplication. I verified that all the system tests wrt EM p17 are the same (well, I'm still waiting for two_tower data). I also remade a SVAC ntuple with v3r0 and it was identical to the one in the current pipeline (I checked a few variables). In addition, Mutsumi's TKR noise monitoring which we want to include in the pipeline as a separate task depends on calibTkrUtil. So this EM is a necessary first step.

[Differences wrt the previous pipeline EM release \(EM v6r070329p17\)](#)

New tags:

calibTkrUtil v1r2p2:

- Initial release of package calibTkrUtil.
- Consolidated release

calibGenTKR v4r2:

- Was pulled from EM some time ago because of calibTkrUtil. Is now back in EM again.

calibGenCAL v3r9p8:

- (C++) changed 'delete' to 'delete[]' where appropriate
- added #include "TFile.h" to CfData.h which is needed in some places
- documentation updates

calibGenACD v1r5p1:

- EAC Full version of AcdStripChart, includes apps/runStripChart.cxx to run it.
- EAC Added AcdStripChart

System Tests results:

System Tests for this [version](#)

No differences wrt previous pipeline version.

Fred version:

[v0r99](#)

Pipeline version:

v1.4.3

GRITS tag (web browsing and task configuration)

glst-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

pipelineDatasets

[ISOC code and tasks:](#)

v0r5p0

[Apps that run in pipeline:](#)

eLog: v2r3p1

ConfigTables: v3r2p1

TestReport: v3r6p11 (digi & recon reports): EAC and awb

- Verify that number of events in input files are the same.
- Added Ground ID to the top of the report.
- Look for missing datagrams. Consistency checks on opening/closing of datagrams.
- Fix one of the ACD veto fraction plot to show fraction of digi above threshold, rather than below.
Also, make single veto fraction relative to total number of vetos, not total number of digis.

EngineeringModelRoot: v3r0 (SVAC tuple)

- Mutsumi's TKR stuff now depends on calibTkrUtil so EngineeringModelRoot and BeamTest can use the same code.
- No changes to SVAC code.