

svac resynch 20060304

Code Versions

Engineering Model (sim/recon): [v6r070305p7](#)

IsfData v0r2:

- HMK Store CCSDS items
- HMK fix LsfConfiguration dynamic cast for LPA
- HMK initial import

IdfReader v3r5:

- hmk Store eventid from either LDF or LSF
- hmk Store runid from LICOS for CCSDS files
- hmk Store ccsds items and add new method to create TDS time
- hmk improve test routine for context
- hmk use IsfData package
- hmk reading LSF through binary file
- hmk First version to handle LSF

facilities v2r12p4:

- jrb Small fix to Util::WrongType exception class

enums v0r3p2:

- EAC Added sentinel values to catch undefined states to Lsf.h. Improved comments.
- EAC Updated Lsf.h to match Dfi header files instead of documentation.
- EAC Add Lsf.h for Lsf enums.

digiRootData v9r2

- HMK Set up Print methods and comment out Configuration for now
- HMK Use Riostream consistently
- HMK Make include file names match class names for LSF
- HMK Clear m_metaEvent in DigiEvent
- EAC Added comments, changed Scalar to Scaler.
- EAC Updated Isf stuff to match dfi header files instead of doc
- EAC Added implementation of a missing function
- EAC Added Lsf stuff for Isf data
- HMK Remove deprecated CalDigi TObjArray and calReadoutCol, so that methods which should be const, can be const.
- HMK Add a bunch of const statements

calibUtil v1r5p4:

- jrb Use alias glastCalibDB for MySQL host rather than soon-to-be-obsolete centaurusa
- jrb Bug fix to Metadata::findSoonAfter (not used by production runs)

Rootlo v17r9gr4:

- HMK Fix up /Event/MetaEvent string
- HMK Allow no MetaEvent when reading from digi
- HMK Don't return failure if MetaEvent not found
- EAC Added MetaEvent conversion

RootConvert v1r1p1em4:

- HMK finish off context
- HMK rename ROOT LSF classes to be consistent with file names
- HMK use IsfData package
- EAC Changed Scalar to Scaler in LsfLand.
- EAC updated LsfDigiConvert to match Dfi header files instead of doc
- EAC added LsfDigiConvert

LdfEvent v3r3:

- HMK use IsfData package
- HMK testing for eventRet
- EAC Changed scalar to scaler, added comments
- EAC Updated Lsf stuff to match header files instead of doc
- EAC Added stuff for Lsf support

LdfConverter v2r4:

- HMK handle event id
- HMK get generic tds time from IdfReader
- HMK Patch to continue skipping first marker==5 for LDF
- HMK Use IsfData package
- HMK Yes it's still Feb24, fix up second sweep event handling for non-LSF data files
- HMK don't bother trying to make IdfReader private
- HMK update unit test
- HMK Use LSF binary file as input
- HMK Move to handle LSF

lExternal/lDfExt v0r571p0:
HMK Pick up LDF v05-07-01 modify standard directory structure on linux for lib

CalibSvc v0r21p8:
jrb Eliminate (unused) mention of LdfEvent in code and specific version dependence in requirements
jrb Exit with fatal error if rqsted file can't be read

CHS/eventFile v0r2:
RBL added runid to files and runid() accessor to LPA_File object.
RBL first working version -- writes/reads binary event files.
RBL Initial revision

AcidRecon v2r0p6:
EAC Fix bug that was losing intersections at the 10⁻⁴ level when track was || to x or y axis.

System Tests for this [version](#)

System Tests results:

Verified by Anders et al.

Fred version:

[v0r99](#)

Pipeline version:

v1.4.2

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
Write to new disk
Note that this task only handles runs coming in the old way. Any FASTCOPY run (LSF or LATTE) enters through a new set of tasks.

svac pipeline code and tasks:

code/tasks v3r5p3:
Digest both LSF and LDF files from FASTCOPY. Keep supporting runs exported from B33 the old way. Write to a new disk.

pipelineDatasets v0r3

ISOC code and tasks:

v0r5p0

Apps that run in pipeline:

eLog: v2r3p0
ConfigTables: v3r2p1

TestReport: v3r4p13 (digi & recon reports)
Small update for TOT information (distinguish between ToT==250 and ToT==255).
Rebin and logscale histogram for number of ACD digis.

EngineeringModelRoot: v1r14 (SVAC tuple)
Fixed bug for ACD arrays with tile ID==0 (previously not filled).
Small bug fix for ToT in TkrNoiseOcc.