GlastRelease-scons v15r49 build status

This status page is used to track the progress of building GlastRelease-scons, tag v15r49, via SCons.

Where are we know?

- Building entire GR-v15r49 via command-line (for RHEL4)
- Building entire GR-v15r49 using GoGui (for RHEL3)
  - Issue
    - I am having a minor problems installing scons on my local computer (I am running out of disk space), so I have to free up some space to get things going

Successful builds, via SCons

Number of packages Successfully built: 84 out of 84

Package	Build Status	Comment(s)
AcdDigi	Pass	
AcdRecon	Pass	
AdfEvent	Pass	
AnalysisNtuple	Pass	
AncillaryData Event	Pass	
AncillaryData Util	Pass	
CHS /eventFile	Pass	
calibGenTKR	Pass	
CRflux	Pass	
CalDigi	Pass	
CalRecon	Pass	
CalUtil	Pass	
CalXtalResponse	Pass	
CalibData	Pass	
CalibSvc	Pass	
ConfigSvc	Pass	
DetDisplay	Pass	
EbfWriter	Pass	
EventIntegrity	Pass	
FluxSvc	Pass	
G4Generator	Pass	
G4HadronSim	Pass	
G4Propagator	Pass	
GCRCalib	Pass	
GlastClassify	Pass	
GlastMS	Pass	
GlastSvc	Pass	
Gleam	Pass	
GuiSvc	Pass	
HepRepCorba	Pass	
HepRepSvc	Pass	
HepRepXml	Pass	
Interleave	Pass	

Package	Status	Notes
LdfConverter	Pass	~~depends on LdfReader~~ ..... ~~LdfReader is in violation of package conventions (public header file includes a header from LdfReader's private src/ directory)~~ ~~Error Message:~~ ~~In file included from LdfConverter/build/redhat4-i686-32bit/src/LdfEventSelector.cxx:23:~~ ~~include/LdfReader/LdfParser.h:10:48: ../src/iterators/EbfDatagramParser.h: No such file or directory~~ ~~In file included from LdfConverter/build/redhat4-i686-32bit/src/LdfEventSelector.cxx:23:~~ ~~include/LdfReader/LdfParser.h:102: warning: ISO C++ forbids declaration of `EbfDatagramParser' with no type~~ ~~include/LdfReader/LdfParser.h:102: error: expected `;' before '*' token~~ ~~In file included from LdfConverter/build/redhat4-i686-32bit/src/LdfEventSelector.cxx:25:~~ ~~include/LdfReader/SocketParser.h:82: warning: ISO C++ forbids declaration of `EbfDatagramParser' with no type~~ ~~include/LdfReader/SocketParser.h:82: error: expected `;' before '*' token~~ ~~scons: *** [LdfConverter/build/redhat4-i686-32bit/src/LdfEventSelector.os] Error 1~~ ~~scons: building terminated because of errors.~~ ~~scons: printing failed nodes~~ ~~LdfConverter/build/redhat4-i686-32bit/src/LdfEventSelector.os~~ ~~scons: done printing failed nodes~~ Status Emailed Tracy and Heather and requested the private headers (needed by LdfReader's public headers) be moved to LdfReader's public directory. I offered to move them myself. I could create a subdirectory, "iterators", in the public LdfReader directory, "LdfReader/LdfReader/. Then I could modify any other LdfReader's private headers that reference (include) any of those headers that I moved. I am just waiting for a response from the package owners. Resolution Heather tagged LdfReader v6r0p1gr1 - it's along the v15r49 branch. So rather than move anything, she modified the LdfParser.h and SocketParser.h files so that EbfDatagramParser is declared in a forward declaration - rather than including the header at that point. I updated my local LdfReader to the v6r0p1gr1 tag, recompiled LdfReader. Next I recompiled LdfConverter.
LdfReader	Pass	This builds, but it only works locally. External packages that need LdfReader, such as LdfConverter will fail until because of this package not conforming to the conventions for storing public headers (see LdfConverter (*status*), further up in this table, for further details) Resolution (same as, "Resolution," for LdfConverter, above) Heather tagged LdfReader v6r0p1gr1 - it's along the v15r49 branch. So rather than move anything, she modified the LdfParser.h and SocketParser.h files so that EbfDatagramParser is declared in a forward declaration - rather than including the header at that point.I updated my local LdfReader to the v6r0p1gr1 tag, recompiled LdfReader. Next I recompiled LdfConverter.
LdfEvent	Pass	
MootSvc	Pass	
OnboardFilter	Pass	
OnboardFilter Tds	Pass	
RootConvert	Pass	
RootDisplay	Pass	
TkrDigi	Pass	
TkrRecon	Pass	
TkrUtil	Pass	
Trigger	Pass	
astro	Pass	
calibGenACD	Pass	
calibGenCAL	Pass	
calibGenTKR	Pass	
calibUtil	Pass	
celestialSources	Pass	
classifier	Pass	
commonRootData	Pass	
configData	Pass	
detCheck	Pass	
digiRootData	Pass	
enums	Pass	
f2c	Pass	
facilities	Pass	
flux	Pass	
gcrSelectRootData	Pass	
geometry	Pass	
gr_app	Pass	
gui	Pass	
idents	Pass	
lsfData	Pass	
mcRootData	Pass	
merit	Pass	
mootCore	Pass	
ntupleWriterSvc	Pass	
rdbModel	Pass	
reconRootData	Pass	
rootTestData	Pass	
rootUtil	Pass	
tip	Pass	
userAlg	Pass	
xmlBase	Pass	
xmlGeoDbs	Pass	

xmlUtil	Pass	
rootTestData	* Pass	No library or applications are actually built. This package's SConscript just registers it's "data/" directory.
calibRootData	Pass	