

art - Support #20686

Please make the mu tarball for art v2_11_01 e17

08/27/2018 10:08 AM - Rob Kutschke

Status:	Closed	Start date:	08/27/2018
Priority:	High	Due date:	
Assignee:	Lynn Garren	% Done:	100%
Category:		Estimated time:	8.00 hours
Target version:		Spent time:	5.00 hours
Scope:	Internal	SSI Package:	
Experiment:	Mu2e		

Description

Mu2e needs to move to art v2_11_01 with an e17 build. We would appreciate a fast turn around as we have two projects that are blocked until we upgrade: testing the latest code in the trigger prototype and a physics study that is being bit by what I think is the issue reported in [#19465](#).

The ardaq team has ardaq frozen at art v2_11_01 and currently expect to upgrade directly to art v3, skipping the remaining art v2_11_x releases (modulo discovery of issues that change the plan ...). So Mu2e Offline must do the same.

We are currently using geant4 v4_10_4a -q cl23:e15:mt:prof ; we would like both mt and non-mt builds of geant4. We understand that a change in CLHEP may be necessary and suggest you work with Krzysztof if there are conflict between geant4 and art about the choice of CLHEP.

The other products we need in the mu bundle are:
artdaq_core: v3_03_00 s67:e17:{prof,debug}
TRACE: v3_13_09 ~~mt~~

History

#1 - 08/27/2018 10:23 AM - Kyle Knoepfel

- Status changed from New to Assigned
- Assignee set to Lynn Garren

#2 - 08/27/2018 11:03 AM - Lynn Garren

Because of issues with TRACE, we are using ardaq_core v3_02_04 and TRACE v3_13_07 for all art 2.11 distributions.

#3 - 08/27/2018 11:50 AM - Lynn Garren

- Estimated time set to 8.00 h

After a discussion with Eric, we have agreed to provide this distribution with ardaq_core v3_03_00. This distribution will only be available for SLF6 and SLF7.

#4 - 08/27/2018 11:57 AM - Rob Kutschke

SL 6/7 only works for us. We have no one working on a Mac.

What about the version of TRACE - is that also resolved (maybe fixed by choice of ardaq_core?)

Ray reminded me that I should be clear about our preference for geant4 builds:

- 1) MT: 4 builds [SL 6/7]*[prof,debug] with graphics off (no OGL)
- 2) non MT: 2 builds [SL 6,7] with qt graphics enabled

#5 - 08/27/2018 12:13 PM - Lynn Garren

The version of TRACE is driven by the version of ardaq_core.

#6 - 08/27/2018 10:15 PM - Lynn Garren

- Status changed from Assigned to Resolved
- % Done changed from 0 to 100

You get two for the price of one. :)

The mu-v2_11_01 distribution bundle contains:

art v2_11_01

artdaq_core v3_00_00

scons v3_0_1

heppdt v3_04_01h

geant4 v4_10_4b for e17, e17:mt, and e17:qt

libwda v2_26_0

ifdhc v2_3_5

ifdh_art v2_06_06

The mu-v3_00_00 distribution bundle contains the same as above except:

art v3_00_00

artdaq_core v3_03_02 (the same as v3_03_00 except for the table file)

Both distributions are available for e17 and c2. An e15 distribution can be built if requested.

#7 - 08/27/2018 10:27 PM - Lynn Garren

http://scisoft.fnal.gov/scisoft/bundles/mu/v2_11_01/mu-v2_11_01.html

http://scisoft.fnal.gov/scisoft/bundles/mu/v3_00_00/mu-v3_00_00.html

#8 - 09/05/2018 10:43 AM - Lynn Garren

- *Status changed from Resolved to Closed*