

cet-is-public - Support #2484

CET build fails mysteriously

02/15/2012 03:09 PM - David Mckee

Status:	Closed	Start date:	02/15/2012
Priority:	Normal	Due date:	
Assignee:	Lynn Garren	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	1.00.08		

Description

Trying to keep the KSU version of LArSoft up-to-date means updating CET and ART to 0.04.02.

I got as far as build art, when

```
$ ./buildArt.sh nova debug
building for nova:debug
build art v1_00_08 -q nova:debug
called with -d, using qualifiers +nova:+debug and +gcc46:+debug
The working build directory is /user/cern/externals-0.4.2/art_suite/v1_00_08/build-Linux64bit+2.6-2.5/art-nova-debug
INFORMATIONAL: Product 'gccxml' (with qualifiers 'gcc46'), has no v0_9_20110907 version (or may not exist)
### <==== Here
[...]
-- CPPUNIT version and qualifier are v1_12_1 debug:gcc46
CMake Error at /user/cern/externals-0.4.2/cetbuildtools/v1_15_03/Modules/FindUpsPackage.cmake:19 (message):
  GCCXML has not been setup
  ### <==== Here
Call Stack (most recent call first):
  CMakeLists.txt:48 (find_ups_product)

-- Configuring incomplete, errors occurred!
+ make -j4
make: *** No targets specified and no makefile found. Stop.
+ make ARGS=-j4 test
make: *** No rule to make target `test'. Stop.
+ make install
make: *** No rule to make target `install'. Stop.
+ set +x
INFORMATIONAL: Product 'art' (with qualifiers 'debug:nova'), has no v1_00_08 version (or may not exist)
art is installed at
```

However, when I check with ups I get

```
$ ups list -aK+ | grep gccxml
"gccxml" "v0_9_20110907" "Linux64bit+2.6-2.5" "debug:gcc46" ""
"gccxml" "v0_9_20110907" "Linux64bit+2.6-2.5" "gcc46:opt" ""
```

Other stuff that may matter:

ups version: 4.9.5

ups flavor: Linux64bit+2.6-2.5

redhat-release: Scientific Linux SL release 5.3 (Boron)

I *did* get the Feb. 9 version of the art_suite tarball and start again on a fresh art_suite directory. No help.

There are two instances of CMakeLists.txt that have the string gccxml, but only one is active:

```
$ find . -name CMakeLists.txt -exec grep -inH gccxml \{\} \;
./source/cetbuildtools/example/ToyCmake/CMakeLists.txt:33:#find_ups_product( gccxml v0_9 )
```

```
./source/art/CMakeLists.txt:48:find_ups_product( gccxml v0_9 )
```

I'm a bit at a loss on how to proceed.

History

#1 - 02/15/2012 03:16 PM - Lynn Garren

- Assignee set to Lynn Garren

It is a little unclear - did you install both art_externals-0.04.02 and nu_extras-0.04.02? (nova_extras was recently renamed nu_extras)

#2 - 02/24/2012 11:10 AM - Lynn Garren

- Status changed from New to Resolved

- Target version set to 1.00.08

This was solved.

#3 - 03/30/2012 11:11 AM - Lynn Garren

- Status changed from Resolved to Closed