MAUS - Bug #1050

Error during third-party build

18 July 2012 17:12 - Carlisle, Timothy

Status:	Closed	**Start date:**	18 July 2012
Priority:	Normal	**Due date:**	
Assignee:	Carlisle, Timothy	**% Done:**	100%
Category:	Build System	**Estimated time:**	0.00 hour
Target version:	MAUS-v0.3.2		
Workflow:	New Issue		

Description

maus v0.3.0

./build_all.bash
brings up an error at the very end:

g++: graf2d/graf/src/TLatex.o: No such file or directory
make: *** [graf2d/graf/src/TLatex.o] Error 1
FAIL: Failed to configure/make

Thanks for any help, maybe it's me...

Tim

History

#1 - 18 July 2012 17:16 - Rogers, Chris

- Category set to Build System

- Assignee set to Carlisle, Timothy

- Target version set to Future MAUS release

Maybe it's changed since the last time you ran - could you read the install instructions and try redoing it, let me know if there is still a problem?

http://micewww.pp.rl.ac.uk/projects/maus/wiki/Install

Cheers,

#2 - 18 July 2012 18:31 - Carlisle, Timothy

The problem seems to lie with ROOT v5.30.03. I've downloaded it separately from the Root website, and it won't be build then either - so I've reported a bug.

Tim

#3 - 18 July 2012 18:41 - Tunnell, Christopher

- Status changed from Open to Rejected

- Workflow changed from New Issue to Closed

It fails on TLatex.o which appears to get put in the wrong place. Fixing that reveals another issue. It's all the code in the graf2d folder.

Probably a dependency issue but not a MAUS error. I suggested he contact IT support at Oxford.

Tim: if you get the issue again, we can reopen?

#4 - 19 July 2012 06:27 - Rogers, Chris

Which linux?

#5 - 19 July 2012 07:47 - Tunnell, Christopher

- Status changed from Rejected to Open

SL5. It's called pplxint6. It's the interactive machine at Oxford.

I'll reopen and butt out.

```
pplxint6:~$ uname -a
Linux pplxint6 2.6.18-274.18.1.el5 #1 SMP Thu Feb 9 12:20:03 EST 2012 x86_64 x86_64 x86_64 GNU/Linux
pplxint6:~$ cat /etc/redhat-release
Scientific Linux SL release 5.7 (Boron)
```

#6 - 19 July 2012 08:13 - Rogers, Chris

Well, we support SL so if Tim has followed the install instructions and it still won't work this is a bug.

Tim, want to phone?

#7 - 19 July 2012 08:35 - Tunnell, Christopher

But we don't have sudo privileges, so it's probably a dependency problem. ROOT not building on SL5 should probably first be referred to IT support here since it's reproducible and a reasonable request for a particle physics department to be able to install it.

#8 - 19 July 2012 14:52 - Carlisle, Timothy

1) Ok so it turns out ./install_build_tests.bash failed, but I wasn't told...instead it was written to the log! So at the moment there's no output to screen whether the tests failed or not.

this is from the the end of install_log_std:

```
/////
g++ -O2 -pipe -m64 -Wshadow -Wall -W -Woverloaded-virtual -fPIC -Iinclude  -pthread -I/freetype2 -I -o graf2d/graf/src/TLatex.o -c
/data/mice/mice/carlisle/maus0.2.5/third_party/build/root_v5.30.03/graf2d/graf/src/TLatex.cxx
g++: graf2d/graf/src/TLatex.o: No such file or directory
make: *** [graf2d/graf/src/TLatex.o] Error 1
FAIL: Failed to configure/make
WARNING: MAUS already setup
./install_build_test.bash: line 76: scons: command not found
./install_build_test.bash: line 80: scons: command not found
FAIL! See logs.x
Your current directory is:
/data/mice/mice/carlisle/maus0.2.5

Your MAUS_ROOT_DIR is:
/data/mice/mice/carlisle/maus0.2.5

These should agree
python: can't open file '/data/mice/mice/carlisle/maus0.2.5/third_party/install/bin/nosetests': [Errno 2] No such file or directory
FAIL!  See logs.

Your MAUS_ROOT_DIR is:
/data/mice/mice/carlisle/maus0.2.5

These should agree
python: can't open file '/data/mice/mice/carlisle/maus0.2.5/third_party/install/bin/nosetests': [Errno 2] No such file or directory
FAIL!  See logs.

////
```

2) I'd suggest a change of tense also: run the tests --> ran the tests, otherwise it sounds like the user has to run the tests separately.

#9 - 20 July 2012 13:51 - Carlisle, Timothy

ok I've managed to build the third party libraries, by sourcing a slightly later version of ROOT, and MAUS seems to happy with it. So this issue is effectively closed, though the two points in my previous post still apply I think (particularly point 1)...

Close?

Thanks

#10 - 20 July 2012 15:04 - Rogers, Chris

Yes, in fact the whole messaging system which the bash scripts make is a mistake/wrong...

#11 - 20 July 2012 15:08 - Rogers, Chris

I'm quite unhappy that you need to use a different version of ROOT. What is wrong with the defaults? This should work! Are you sure you put the dependencies in?

#12 - 20 July 2012 15:19 - Carlisle, Timothy

ok well the IT guys have now installed ROOT v5.30.03, so I can try again, sourcing their installation, if helpful/useful?

#13 - 20 July 2012 15:51 - Tunnell, Christopher

The dependencies (since it's a group install) are hard to tell the IT guys to install since they want a list of packages. ROOT doesn't build separate from MAUS so...

#14 - 20 July 2012 16:05 - Rogers, Chris

Great! Did you see the dependency list here:

http://micewww.pp.rl.ac.uk/projects/maus/wiki/Install#Scientific-LinuxRedhatFedoraCentos

Yes, would be interesting to know if the build script works also.

#15 - 20 July 2012 16:06 - Rogers, Chris

Oops, that was Tunnell, not Carlisle. But did you check that those dependencies are in? If so, the rest of it should build??

#16 - 26 July 2012 08:46 - Rogers, Chris

- Status changed from Open to Closed

- % Done changed from 0 to 100

I guess this has been resolved. Reopen if it's still bugging

#17 - 13 August 2012 16:28 - Rogers, Chris

- Target version changed from Future MAUS release to MAUS-v0.3.2