

MAUS - Feature #496

Updated directory structure

01 June 2011 15:07 - Rogers, Chris

Status:	Closed	Start date:	01 June 2011
Priority:	Normal	Due date:	
Assignee:	Rogers, Chris	% Done:	100%
Category:	Code Management	Estimated time:	0.00 hour
Target version:	MAUS-v0.0.3		
Workflow:			
Description			
Proposed update to the MAUS directory structure:			
src/common_cpp src/common_py common -> src/legacy			
tests/cpp_unit tests/py_unit			
Update wiki			
Related issues:			
Related to MAUS - Feature #418: Convert file endings to cc hh		Closed	21 April 2011

History

#1 - 01 June 2011 15:49 - Rogers, Chris

Also need to update README

#2 - 01 June 2011 16:10 - Rogers, Chris

Also - move most of tests/integration/optics to src/legacy/Optics

#3 - 01 June 2011 17:19 - Rogers, Chris

Status - done everything but execution of all cpp code fails with mysterious segmentation fault

```
*** Break *** segmentation violation
#0  0x00007f684a144efe in waitpid () from /lib64/libc.so.6
#1  0x00007f684a0e2101 in ?? () from /lib64/libc.so.6
#2  0x00007f685f3eff17 in TUnixSystem::StackTrace() ()
    from /home/cr67/G4MICE/MAUS/maus_rogers/third_party/build/root_v5.28.00a/lib/libCore.so
#3  0x0000000000000000 in ?? ()
```

hummm... will look in the morning.

Nb: segv appears when I try to execute any code linked to libsimulation.so

#4 - 01 June 2011 17:22 - Tunnell, Christopher

Is this your merge with the trunk? I changed the ROOT version from patch version a to patch version d (to be able to use Ubuntu) so reinstall that then do a clean install?

#5 - 01 June 2011 17:33 - Rogers, Chris

I didn't do a clean install of root, but I linked against root 5.28.00a (which is whatever I had in existence). Does that really make a difference? I am surprised, though I don't know what the bug is.

#6 - 02 June 2011 09:06 - Rogers, Chris

Humm, not the root version...

#7 - 02 June 2011 11:08 - Tunnell, Christopher

do you get the same thing when running:

root

at the command line?

#8 - 02 June 2011 11:17 - Rogers, Chris

I moved the legacy optics stuff to the legacy area and there's some lurking nastiness... I found a statically defined exception that seems to have done some nastiness, still looking at it.

#9 - 02 June 2011 11:38 - Rogers, Chris

Okay, figured it out. There was a statically defined Squeal that was doing some nastiness - worried some potential bug to do with initialisation of the iostream stuff in Squeal/Squeak... but will have to look at it another time.

While I was debugging I removed the extern datacards and extern simevent - so it is no longer necessary to define simEvent, MyDataCards to link against MausCpp (hurray).

Hopefully just tidying up now

#10 - 02 June 2011 13:25 - Tunnell, Christopher

Let me know when this completes so I can rerun coverity.

#11 - 02 June 2011 15:52 - Rogers, Chris

- *Status changed from Open to Closed*

- *% Done changed from 0 to 100*

Passes on maus_per_commit r535

#12 - 23 June 2011 17:24 - Rogers, Chris

- *Target version changed from Future MAUS release to MAUS-v0.0.3*