

MAUS - Bug #952

MAUS_0.2 build error

23 March 2012 09:56 - Kafka, Gene

Status:	Closed	Start date:	23 March 2012
Priority:	Normal	Due date:	
Assignee:	Rogers, Chris	% Done:	100%
Category:	Build System	Estimated time:	0.00 hour
Target version:	MAUS-v0.2.1		
Workflow:	New Issue		
Description			
In build_data_structure, include: data_items = filter(lambda x: x[-7:] != '-inl.hh', data_items)			
Related issues:			
Has duplicate MAUS - Bug #960: Version 2.0 build error?		Rejected	27 March 2012

History

#1 - 23 March 2012 10:11 - Rogers, Chris

The bug was that Hit-inl.hh was included in the build - when only Hit.hh should be included. Hit-inl.hh includes some definitions needed for the templatisation, Hit.hh has the declarations. So Hit.hh needs to be included first (and Hit-inl.hh shouldn't be included at all). Produces output like:

```
['rootcint', '-f', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure//MausDataStructure.cc', '-c', '-I/home/snopok/maus-0.2.0/third_party/install/include', '-I/home/snopok/maus-0.2.0/third_party/install/include/python2.7', '-I/home/snopok/maus-0.2.0/third_party/install/include/root', '-I/home/snopok/maus-0.2.0/src/legacy', '-I/home/snopok/maus-0.2.0/src/common_cpp', '-I', '-I/home/snopok/maus-0.2.0/third_party/build/root_v5.30.03/include', '-I/home/snopok/maus-0.2.0/third_party/build/geant4.9.2.p04/include/', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Primary.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/ThreeVector.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/SciFiChannelId.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/EMRSpillData.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/MCEvent.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Scalars.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/VirtualHit.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/SpecialVirtualChannelId.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/DAQData.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/TOFChannelId.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Spill.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Step.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Track.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/ReconEvent.hh', '/home/snopok/maus-0.2.0/src/common_cpp/DataStructure/LinkDef.hh']
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:22:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:28:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:36:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:60:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:68:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:73:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:78:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:83:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:88:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:93:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:98:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:103:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:108:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:113:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:118:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:123:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:128:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:133:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:138:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:143:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:148:
Error: Template class Hit not defined /home/snopok/maus-0.2.0/src/common_cpp/DataStructure/Hit-inl.hh:153:
```

#2 - 28 March 2012 07:29 - Rogers, Chris

- Category set to Build System

- *Status changed from Open to Closed*
- *Target version set to Future MAUS release*
- *% Done changed from 0 to 100*

Fixed in trunk

#3 - 28 March 2012 11:07 - Rogers, Chris

- *Target version changed from Future MAUS release to MAUS-v0.2.1*