

Subject: Re: simpleEvtGen default EvtRandomEngine - PndMTRandomEngine Suggestion

Posted by [Stefano Spataro](#) on Wed, 26 Aug 2009 14:14:57 GMT

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this is what I get without changing the config.mk:

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make[1]: Entering directory `/home/stefano/july09/pandaroot/pgenerators/EvtGen/EvtGenBase'
Checking makedepend in EvtGenBase

makedepend: warning: /usr/include/gnu/stubs.h: non-portable whitespace encountered at line 7

makedepend: warning: /usr/include/c++/3.4.6/i386-redhat-linux/bits/c++config.h: non-portable whitespace encountered at line 140

makedepend: warning: /usr/include/c++/3.4.6/i386-redhat-linux/bits/c++config.h: non-portable whitespace encountered at line 142

makedepend: warning: /usr/include/c++/3.4.6/bits/stl_algobase.h: non-portable whitespace encountered at line 135

makedepend: warning: /usr/include/c++/3.4.6/bits/stl_algobase.h: non-portable whitespace encountered at line 136

makedepend: warning: /usr/include/c++/3.4.6/bits/locale_facets.h: non-portable whitespace encountered at line 132

makedepend: warning: /usr/include/c++/3.4.6/bits/locale_facets.h: non-portable whitespace encountered at line 1508

makedepend: warning: /usr/include/c++/3.4.6/bits/locale_facets.h: non-portable whitespace encountered at line 1533

makedepend: warning: /usr/include/c++/3.4.6/bits/codecv.h: non-portable whitespace encountered at line 475

makedepend: warning: /usr/include/c++/3.4.6/bits/locale_facets.h: non-portable whitespace encountered at line 2963

makedepend: warning: /usr/include/c++/3.4.6/bits/locale_facets.h: non-portable whitespace encountered at line 4483

makedepend: warning: /usr/include/c++/3.4.6/typeinfo: non-portable whitespace encountered at line 49

makedepend: warning: /usr/include/c++/3.4.6/typeinfo: non-portable whitespace encountered at line 52

"/usr/include/boost/static_assert.hpp":66:

!defined(BOOST_BUGGY_INTEGRAL_CONSTANT_EXPRESSIONS) &&

!BOOST_WORKAROUND(__MWERKS__, < 0x3003)

^---

expecting variable or number

makedepend: warning: PndMTRandomEngine.cc (reading /usr/include/boost/cstdint.hpp), line 159: # error defaults not correct; you must hand modify boost/cstdint.hpp

makedepend: warning: PndMTRandomEngine.cc (reading /usr/include/boost/cstdint.hpp), line 189: # error defaults not correct; you must hand modify boost/cstdint.hpp

makedepend: warning: PndMTRandomEngine.cc (reading /usr/include/boost/cstdint.hpp), line 209: # error defaults not correct; you must hand modify boost/cstdint.hpp

makedepend: warning: PndMTRandomEngine.cc (reading /usr/include/boost/cstdint.hpp), line 247: # error defaults not correct; you must hand modify boost/cstdint.hpp

"/usr/include/boost/random/linear_congruential.hpp":139: !defined(__SGI_STL_PORT) &&
BOOST_WORKAROUND(__GNUC__, == 2)

^--- expecting variable

or number

"/usr/include/boost/random/variator_generator.hpp":28:

BOOST_WORKAROUND(__BORLANDC__, <= 0x564)

^--- expecting variable or number

"/usr/include/boost/random/variator_generator.hpp":114:

BOOST_WORKAROUND(__BORLANDC__, <= 0x564)

^--- expecting variable or number

gcc -I. -DEVSTANDALONE -I/home/stefano/july09/cern/clhep/include

-I/home/stefano/july09/tools/root/include -I../ -I/home/stefano/july09/cern/clhep/include

-I/home/stefano/july09/tools/root/include -I../ -I/home/stefano/july09/cern/clhep/include

-I/home/stefano/july09/tools/root/include -I../ -c PndMTRandomEngine.cc

/usr/include/boost/random/mergence_twister.hpp: In member function `void

boost::random::mergence_twister<UIntType, w, n, m, r, a, u, s, b, t, c, l,

val>::seed(Generator&) [with Generator = const long unsigned int, UIntType = uint32_t, int w =

32, int n = 624, int m = 397, int r = 31, UIntType a = -1727483681u, int u = 11, int s = 7,

UIntType b = -1658038656u, int t = 15, UIntType c = -272236544u, int l = 18, UIntType val =

-948541730u]':

PndMTRandomEngine.cc:20: instantiated from here

/usr/include/boost/random/mergence_twister.hpp:96: error: `gen' cannot be used as a function

make[1]: *** [PndMTRandomEngine.o] Error 1

make[1]: Leaving directory `/home/stefano/july09/pandaroot/pgenerators/EvtGen/EvtGenBase'