
Subject: Re: simpleEvtGen default EvtRandomEngine - PndMTRandomEngine

Suggestion

Posted by [StefanoSpataro](#) 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/codecvt.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/variate_generator.hpp":28:
 BOOST_WORKAROUND(__BORLANDC__, <= 0x564)
 ^--- expecting variable or number
 "/usr/include/boost/random/variate_generator.hpp":114:
 BOOST_WORKAROUND(__BORLANDC__, <= 0x564)
 ^--- expecting variable or number
 gcc -I. -DEVTSTANDALONE -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/mersenne_twister.hpp: In member function `void
 boost::random::mersenne_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/mersenne_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'
