
Subject: Re: New external packages (jan12)
Posted by [Ralf Kliemt](#) on Tue, 24 Jan 2012 14:26:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello everyone,

After downloading the jan12 release (updated) this morning it compiles until VGM (log below in the spoiler). I used a separate build path.

Regards.
Ralf

Toggle Spoiler[36%] Building CXX object
packages/Geant4GM/CMakeFiles/Geant4GM.dir/source/materials/Element.cxx.o
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:26:24: error: G4Element.hh: No such file or directory
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In constructor 'Geant4GM::Element::Element(const
std::string&, const std::string&, double, double)':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:34: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In constructor 'Geant4GM::Element::Element(const
std::string&, const std::string&, const VGM::IsotopeVector&, const
VGM::RelAbundanceVector&):'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:78: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:84: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual std::string
Geant4GM::Element::Name() const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:143: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual std::string

Geant4GM::Element::Symbol() const':
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx:149: error: invalid use of incomplete type 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx: In member function 'virtual double Geant4GM::Element::Z()
 const':
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx:155: error: invalid use of incomplete type 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx: In member function 'virtual double Geant4GM::Element::N()
 const':
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx:161: error: invalid use of incomplete type 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx: In member function 'virtual double Geant4GM::Element::A()
 const':
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx:167: error: invalid use of incomplete type 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx: In member function 'virtual int
 Geant4GM::Element::NofIsotopes() const':
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx:173: error: invalid use of incomplete type 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx: In member function 'virtual VGM::Isotope*
 Geant4GM::Element::Isotope(int) const':
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 source/materials/Element.cxx:181: error: invalid use of incomplete type 'struct
 G4Element'
 /Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
 include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
 G4Element'

```

/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual double
Geant4GM::Element::RelAbundance(int) const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:190: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
make[2]: *** [packages/Geant4GM/CMakeFiles/Geant4GM.dir/source/materials/Element.cxx.
o] Error 1
make[1]: *** [packages/Geant4GM/CMakeFiles/Geant4GM.dir/all] Error 2
make: *** [all] Error 2
[ 2%] Built target ClhepVGM
[ 28%] Built target BaseVGM
[ 35%] Built target XmlVGM
[ 36%] Building CXX object
packages/Geant4GM/CMakeFiles/Geant4GM.dir/source/materials/Element.cxx.o
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:26:24: error: G4Element.hh: No such file or directory
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In constructor 'Geant4GM::Element::Element(const
std::string&, const std::string&, double, double)':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:34: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In constructor 'Geant4GM::Element::Element(const
std::string&, const std::string&, const VGM::IsotopeVector&, const
VGM::RelAbundanceVector&)':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:78: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:84: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual std::string
Geant4GM::Element::Name() const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:143: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/

```

```

include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual std::string
Geant4GM::Element::Symbol() const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:149: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual double Geant4GM::Element::Z()
const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:155: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual double Geant4GM::Element::N()
const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:161: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual double Geant4GM::Element::A()
const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:167: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual int
Geant4GM::Element::NoOfIsotopes() const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:173: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual VGM::Isotope*
Geant4GM::Element::Isotope(int) const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:181: error: invalid use of incomplete type 'struct

```

```

G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx: In member function 'virtual double
Geant4GM::Element::RelAbundance(int) const':
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
source/materials/Element.cxx:190: error: invalid use of incomplete type 'struct
G4Element'
/Users/ralfk/Panda/fairsoft_files/jan12/transport/vgm/packages/Geant4GM/
include/Geant4GM/materials/Element.h:27: error: forward declaration of 'struct
G4Element'
make[2]: *** [packages/Geant4GM/CMakeFiles/Geant4GM.dir/source/materials/Element.cxx.
o] Error 1
make[1]: *** [packages/Geant4GM/CMakeFiles/Geant4GM.dir/all] Error 2
make: *** [all] Error 2
In: libCLHEP-2.1.1.0.so: File exists
In: libCLHEP-Cast-2.1.1.0.so: File exists
In: libCLHEP-Evaluator-2.1.1.0.so: File exists
In: libCLHEP-Exceptions-2.1.1.0.so: File exists
In: libCLHEP-GenericFunctions-2.1.1.0.so: File exists
In: libCLHEP-Geometry-2.1.1.0.so: File exists
In: libCLHEP-Matrix-2.1.1.0.so: File exists
In: libCLHEP-Random-2.1.1.0.so: File exists
In: libCLHEP-RandomObjects-2.1.1.0.so: File exists
In: libCLHEP-RefCount-2.1.1.0.so: File exists
In: libCLHEP-Vector-2.1.1.0.so: File exists
In: libCLHEP.so: File exists
In: libPluto.so: File exists
In: libPythia6.so: File exists
In: libapmoncpp.2.0.6.so: File exists
In: libapmoncpp.2.so: File exists
In: libapmoncpp.so: File exists
In: libboost_prg_exec_monitor.so: File exists
In: libboost_random.so: File exists
In: libboost_regex.so: File exists
In: libboost_unit_test_framework.so: File exists
In: libglpk.0.so: File exists
In: libglpk.so: File exists
In: libgsl.0.so: File exists
In: libgsl.so: File exists
In: libgslcblas.0.so: File exists
In: libgslcblas.so: File exists
In: liblhpdfdummy.so: File exists
In: libmonalisawsclient.1.0.0.so: File exists
In: libmonalisawsclient.1.so: File exists
In: libmonalisawsclient.so: File exists
In: libpythia8.so: File exists
*** ERROR: VGM could not be created.
**** Checking libraries in /Users/ralfk/Panda/fairsoft_files/jan12build/lib ****
*** End installation of external packages with Errors***

```

ralfk@oddbox:~/Panda/fairsoft_files/jan12>
