
Subject: Re: Issues with Geant3...

Posted by [Tudi Le Bleis](#) on Wed, 19 Sep 2012 13:35:49 GMT

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Thanks for the info. Indeed the update helped me to get Geant3's files... however, I stumbled upon the next problem:

Warning: Obsolete: arithmetic IF statement at (1)

In file gcalor/gcalor.F:11417

```
IF(EX) 10 ,20 ,50
```

1

Warning: Obsolete: arithmetic IF statement at (1)

In file gcalor/gcalor.F:11481

```
IF(D*D-Z) 20 ,20 ,10
```

1

[SNAP]

gcinit.F

minicern/lnxgs/radmin.F

added/dummies.c

added/dummies2.c

minicern/abend.c

minicern/cfclos.c

minicern/cfget.c

minicern/cfopei.c

minicern/cfput.c

minicern/cfseek.c

minicern/cfstati.c

minicern/datime.c

minicern/fchput.c

minicern/fchtak.c

minicern/fchtak.c: In function 'fchtak':

minicern/fchtak.c:35: warning: conflicting types for built-in function 'malloc'

minicern/geteni.c

minicern/jumptn.c

minicern/jumpxn.c

minicern/lof.c

minicern/qnexte.c

minicern/vxinvb.c

minicern/lnxgs/ishftr.c

comad/gcadd.cxx

TGeant3/G3Material.cxx

TGeant3/G3Medium.cxx

TGeant3/G3Node.cxx

TGeant3/G3Volume.cxx

TGeant3/TG3Application.cxx

TGeant3/TGeant3.cxx

TGeant3/TGeant3.cxx: In member function 'virtual void TGeant3::LoadAddress()':

TGeant3/TGeant3.cxx:1253: warning: dereferencing type-punned pointer will break strict-aliasing rules

TGeant3/TGeant3.cxx:1254: warning: dereferencing type-punned pointer will break

```
strict-aliasing rules
[SNAP]
TGeant3/TGeant3.cxx:1283: warning: dereferencing type-punned pointer will break
strict-aliasing rules
TGeant3/TGeant3.cxx:1284: warning: dereferencing type-punned pointer will break
strict-aliasing rules
TGeant3/TGeant3.cxx:1285: warning: dereferencing type-punned pointer will break
strict-aliasing rules
TGeant3/TGeant3.cxx:1286: warning: dereferencing type-punned pointer will break
strict-aliasing rules
TGeant3/TGeant3TGeo.cxx
TGeant3/TGeant3TGeo.cxx: In member function 'virtual void
TGeant3TGeo::LoadAddress()':
TGeant3/TGeant3TGeo.cxx:599: warning: dereferencing type-punned pointer will break
strict-aliasing rules
TGeant3/TGeant3f77.cxx
TGeant3/TGeant3gu.cxx
TGeant3/TGeant3gu.cxx: In function 'void gufld_(Double_t*, Double_t*)':
TGeant3/TGeant3gu.cxx:588: error: 'class TVirtualMC' has no member named
'GetMagField'
TGeant3/TGeant3gu.cxx:589: error: 'class TVirtualMC' has no member named
'GetMagField'
TGeant3/TGeant3gu.cxx: In function 'void eustep_()':
TGeant3/TGeant3gu.cxx:759: error: 'class TVirtualMCApplication' has no member
named 'GeaneStepping'
TGeant3/TGeant3gu.cxx: In function 'void gustep_()':
TGeant3/TGeant3gu.cxx:789: error: 'class TVirtualMC' has no member named
'IsCollectTracks'
TGeant3/TGeant3gu.cxx:800: error: 'class TGeoManager' has no member named
'FindTrackWithId'
make: ***
[/home/tlebleis/simulation/fairroot/john/sep12/transport/geant3/tgt_linux/TGeant3/TGeant3gu.o]
Error 1
cp: cannot stat
`/home/tlebleis/simulation/fairroot/john/sep12/transport/geant3/lib/tgt_linux/libgeant321.so': No
such file or directory
**** Checking libraries in /home/tlebleis/simulation/fairroot/john/ext_src/lib ****
*** ERROR: Geant3 could not be created.
*** End installation of external packages with Errors***
```

where I SNAPPed several lines of similar printouts...
