
Subject: Bug in Tpc (rev. 1070)

Posted by [Ralf Kliemt](#) on Wed, 04 Jul 2007 06:23:25 GMT

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Bug in rev. 1070:

```
[ 52%] Building CXX object tpc/CMakeFiles/tpc.dir/TpcSpaceChargeTask.o
/home/ralfk/Pandaroot/pandaroot/tpc/TpcSpaceChargeTask.cxx: In member function 'virtual
void TpcSpaceChargeTask::Exec(const Option_t*)':
/home/ralfk/Pandaroot/pandaroot/tpc/TpcSpaceChargeTask.cxx:127: warning: converting to
'int' from 'double'
[ 52%] Building CXX object tpc/CMakeFiles/tpc.dir/TpcAbsField.o
[ 52%] Building CXX object tpc/CMakeFiles/tpc.dir/TpcFieldCylGrid.o
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx: In member function 'virtual void
TpcFieldCylGrid<type>::print(std::ostream&) const':
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx:87: error: there are no arguments to
'nominal' that depend on a template parameter, so a declaration of 'nominal'
must be available
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx:87: error: (if you use
'-fpermissive', G++ will accept your code, but allowing the use of an undeclared name is
deprecated)
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx:88: error: there are no arguments to
'scale' that depend on a template parameter, so a declaration of 'scale' must be
available
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx: In member function 'virtual bool
TpcFieldCylGrid<type>::pointOk(const TVector3&) const':
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx:119: error: '_relPosition' was
not declared in this scope
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx: In member function 'type
TpcFieldCylGrid<type>::evalValue(const TVector3&) const':
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx:177: error: there are no arguments
to 'nominal' that depend on a template parameter, so a declaration of 'nominal'
must be available
/home/ralfk/Pandaroot/pandaroot/tpc/TpcFieldCylGrid.cxx:180: error: '_relPosition' was
not declared in this scope
make[2]: *** [tpc/CMakeFiles/tpc.dir/TpcFieldCylGrid.o] Error 1
make[1]: *** [tpc/CMakeFiles/tpc.dir/all] Error 2
make: *** [all] Error 2
```

I'm aware that the Tpc package is under a heavy development. It's just to give you guys a report.

Greetings from Dubna,

Ralf.

Edit:

Now I see it's an issue of different compilers & flags.
