
Subject: Re: genfit: TrackCand available
Posted by [StefanoSpataro](#) on Tue, 15 May 2007 13:26:54 GMT
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I tried to download the last svn version (741) but I could not compile it, for an error on the Tpc code.

First there are strange warnings (apart several about the comparisons between signed and unsigned integer expressions...):

```
../pandaroot/tpc/TpcPadPlane.h: In constructor `
TpcPadPlane::TpcPadPlane(int, int, double, double, double, double)':
../pandaroot/tpc/TpcPadPlane.h:145: warning: `TpcPadPlane::_nSectors' will
be initialized after
../pandaroot/tpc/TpcPadPlane.h:135: warning: `TpcPadPlane::PadIndexer
TpcPadPlane::Indexer'
../pandaroot/tpc/TpcPadPlane.cxx:42: warning: when initialized here

../pandaroot/tpc/TpcInhFieldDrifter.h: In constructor `
TpcInhFieldDrifter::TpcInhFieldDrifter(std::basic_string<char,
std::char_traits<char>, std::allocator<char> >, std::basic_string<char,
std::char_traits<char>, std::allocator<char> >, int, int)':
../pandaroot/tpc/TpcInhFieldDrifter.h:51: warning: `
TpcInhFieldDrifter::_outFile' will be initialized after
../pandaroot/tpc/TpcInhFieldDrifter.h:48: warning: `double
TpcInhFieldDrifter::_sc'
../pandaroot/tpc/TpcInhFieldDrifter.cxx:44: warning: when initialized here
```

Then the errors:

```
../pandaroot/tpc/TpcXYRecoHit.cxx: In member function `virtual double
TpcXYRecoHit::residualScalar(double, const AbsTrackRep*, const
TMatrixT<double>&)':
../pandaroot/tpc/TpcXYRecoHit.cxx:117: warning: control reaches end of
non-void function
In file included from ../pandaroot/tpc/TpcSimplePatternRecoTask.cxx:30:
../pandaroot/genfit/Track.h: In member function `void
Track::setCardinalRep(unsigned int)':
../pandaroot/genfit/Track.h:95: warning: comparison between signed and
unsigned integer expressions
../pandaroot/tpc/TpcSimplePatternRecoTask.cxx: In member function `virtual
void TpcSimplePatternRecoTask::Exec(const Option_t)':
../pandaroot/tpc/TpcSimplePatternRecoTask.cxx:113: error: `addHitIndices'
undeclared (first use this function)
../pandaroot/tpc/TpcSimplePatternRecoTask.cxx:113: error: (Each undeclared
identifier is reported only once for each function it appears in.)
../pandaroot/tpc/TpcSimplePatternRecoTask.cxx:122: error: `getHitIndices'
undeclared (first use this function)

../pandaroot/tpc/TpcSimplePatternRecoTask.cxx:157: error: `getDetIDs'
undeclared (first use this function)
```

```
../../pandaroot/tpc/TORPadProcessor.h: In constructor `
padprocessor::padprocessor(unsigned int)':
../../pandaroot/tpc/TORPadProcessor.h:84: warning: `padprocessor::_active_state
' will be initialized after
../../pandaroot/tpc/TORPadProcessor.h:81: warning: `int
padprocessor::_dominant_neighb'
../../pandaroot/tpc/TORPadProcessor.cxx:42: warning: when initialized here
../../pandaroot/tpc/TORPadProcessor.h:81: warning: `
padprocessor::_dominant_neighb' will be initialized after
../../pandaroot/tpc/TORPadProcessor.h:76: warning: `unsigned int
padprocessor::_myid'
../../pandaroot/tpc/TORPadProcessor.cxx:42: warning: when initialized here
make[1]: *** [TpcSimplePatternRecoTask.lo] Error 1
make[1]: *** Waiting for unfinished jobs....
```

I have seen that the genfit/Track.h was changed.
Is it possible to fix the bug?
Thanks.