
Subject: Re: geane propagation

Posted by [Sebastian Neubert](#) on Wed, 23 Jan 2008 15:03:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

Here is the gdb output of runDemo with geane:

```
x44e6b766 in CbmTrackParP (this=0xbffdb920, v=0, w=0, Tv=0, Tw=0, qp=0,
CovMatrix=0xbffdbba0, o=
  {<TObject> = {_vptr.TObject = 0x42ae5e68, fUniqueID = 0, fBits = 33554432, static
fgDtorOnly = 0, static fgObjectStat = false, static fgIsA = 0x826e028}, fX =0, fY = 0, fZ =
18.817180633544922, static fgIsA = 0x9d77b60}, dj=
  {<TObject> = {_vptr.TObject = 0x42ae5e68, fUniqueID = 0, fBits = 33554432, static
fgDtorOnly = 0, static fgObjectStat = false, static fgIsA = 0x826e028}, fX =1, fY = 0, fZ = 0,
static fgIsA = 0x9d77b60}, dk=
  {<TObject> = {_vptr.TObject = 0x42ae5e68, fUniqueID = 0, fBits = 33554432, static
fgDtorOnly = 0, static fgObjectStat = false, static fgIsA = 0x826e028}, fX =0, fY = 1, fZ = 0,
static fgIsA = 0x9d77b60}) at
/afs/e18/user/sneubert/scratch/PANDA/FAIRRoot/pandarootDev/trackbase/CbmTrackParP.cxx
:45
#1 0x44ecd1f9 in GeaneTrackRep::extrapolate (this=0xa5ae158, pl=@0xbffdc80,
statePred=@0xbffdce00, covPred=@0xbffdc00, jacobian=@0xbffdcc00)
  at
/afs/e18/user/sneubert/scratch/PANDA/FAIRRoot/pandarootDev/trackrep/GeaneTrackRep.cxx:
151
#2 0x44ecda3d in GeaneTrackRep::predict (this=0xa5ae158, pl=@0xbffdc80,
statePred=@0xbffdce00, covPred=@0xbffdc00, jacobian=@0xbffdcc00)
  at
/afs/e18/user/sneubert/scratch/PANDA/FAIRRoot/pandarootDev/trackrep/GeaneTrackRep.cxx:
233
#3 0x44e0cf32 in Kalman::processHit (this=0xbffdd020, hit=0xa5af740, rep=0xa5ae158,
hitIndex=1)
  at /afs/e18/user/sneubert/scratch/PANDA/FAIRRoot/pandarootDev/genfit/Kalman.cxx:165
#4 0x44e0c72c in Kalman::continueTrack (this=0xbffdd020, trk=0xa5adc50) at
/afs/e18/user/sneubert/scratch/PANDA/FAIRRoot/pandarootDev/genfit/Kalman.cxx:70
#5 0x44e0c62b in Kalman::processTrack (this=0xbffdd020, trk=0xa5adc50) at
/afs/e18/user/sneubert/scratch/PANDA/FAIRRoot/pandarootDev/genfit/Kalman.cxx:45
#6 0x454d01e2 in DemoKalmanTask::Exec (this=0x9d5ae10, opt=0x44ceba20 "")
```