Subject: Re: Propagate Functions in PndAnalysis
Posted by Ralf Kliemt on Fri, 05 Jul 2013 06:39:52 GMT
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Hi Andreas,

I suppose it is important where to put that line in the initialization. For reference I post the head of my macro in all it's glory. (We don't need rootlogon.C anymore and Tools.C moved to macro/run)

```
void testParticles ( int nevts=0 )
{
  // *** some variables
  int i=0,j=0, k=0, l=0;
  TString plotfile="datakin/testParticles.root";
  TString OutFile="datakin/dummyOut.root";

  // *** the files coming from the simulation
  TString inPidFile  = "datakin/pid_complete.root";    // this file contains the PndPidCandidates
  TString inRecoFile = "datakin/reco_complete.root";
  TString inDigiFile = "datakin/digi_complete.root";
  TString inSimFile  = "datakin/sim_complete.root";  // this file contains the MC truth
  TString inParFile  = "datakin/simparams.root";

  gStyle->SetOptFit ( 1011 );
  gROOT->LoadMacro ( "$VMCWORKDIR/macro/run/Tools.C" );
  ImproveDefaultStyle();

  FairLogger::GetLogger()->SetLogToFile ( kFALSE );

  // *** initialization
  FairRunAna* fRun = new FairRunAna();
  FairRuntimeDb* rtdb = fRun->GetRuntimeDb();
  fRun->SetInputFile ( inSimFile );
  fRun->AddFriend ( inDigiFile );
  fRun->AddFriend ( inRecoFile );
  fRun->AddFriend ( inPidFile );

  FairParRootFileIo* parIO = new FairParRootFileIo();
  parIO->open ( inParFile );
  rtdb->setFirstInput ( parIO );
  rtdb->setOutput ( parIO );

  fRun->SetOutputFile ( OutFile );
  FairGeane *Geane = new FairGeane();
  fRun->AddTask(Geane);
  fRun->Init();
```

As I see it you want to create a FairGeanePro object without initializing FairGeane, the thing which interfaces to the Field, Geo and Framework.

Cheers
Ralf