

Nov 24, 14 11:09

VetoSDMessenger.cc

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```

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// *****
//
/// \file electromagnetic/TestEm5/src/VetoSDMessenger.cc
/// \brief Implementation of the VetoSDMessenger class
//
// $Id$
//
//.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....
//.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....

#include "VetoSDMessenger.hh"

#include "VetoSD.hh"
#include "G4UIcmdWithABool.hh"

//.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....

VetoSDMessenger::VetoSDMessenger(VetoSD* vetoSD)
:fVetoSD(vetoSD)
{
    fVetoSDDir = new G4UIDirectory("/hepd/VetoSD/");
    fVetoSDDir->SetGuidance("set step commands");

    fSetUseBirksLawCmd = new G4UIcmdWithABool("/hepd/VetoSD/useBirksLaw",this);
    fSetUseBirksLawCmd->SetGuidance("Set true/false the use of Birks Law attenuation");
    fSetUseBirksLawCmd->AvailableForStates(G4State_PreInit,G4State_Idle);
}

//.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....

VetoSDMessenger::~VetoSDMessenger()
{
    delete fSetUseBirksLawCmd;
}

//.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....

void VetoSDMessenger::SetNewValue(G4UIcommand* command, G4String newValue)
{
    if (command == fSetUseBirksLawCmd)
    { fVetoSD->SetUseBirksLaw(fSetUseBirksLawCmd->GetNewBoolValue(newValue));}
}

//.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....ooo00000ooo.....

```