

Nov 24, 14 11:09

CalorimeterSDMessenger.cc

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```

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

#include "CalorimeterSDMessenger.hh"

#include "CalorimeterSD.hh"
#include "G4UIcmdWithABool.hh"

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

CalorimeterSDMessenger::CalorimeterSDMessenger(CalorimeterSD* caloSD)
:fCalorimeterSD(caloSD)
{
    fCalorimeterSDDir = new G4UIDirectory("/hepd/CalorimeterSD/");
    fCalorimeterSDDir->SetGuidance("set step commands");

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

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

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

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

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

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

```