

G4VUserActionInitialization

DD4hep::Simulation::SequenceHdl< Geant4UserInitializationSequence >

DD4hep::Simulation::Geant4UserActionInitialization

```
classDiagram
    class G4VUserActionInitialization
    class DD4hep_Simulation_SequenceHdl["DD4hep::Simulation::SequenceHdl< Geant4UserInitializationSequence >"]
    class DD4hep_Simulation_Geant4UserActionInitialization["DD4hep::Simulation::Geant4UserActionInitialization"]
    G4VUserActionInitialization <|-- DD4hep_Simulation_SequenceHdl
    DD4hep_Simulation_Geant4UserActionInitialization <|-- DD4hep_Simulation_SequenceHdl
```

The diagram illustrates the inheritance structure of the Geant4 user action initialization classes. At the top level, there are two boxes: 'G4VUserActionInitialization' on the left and 'DD4hep::Simulation::SequenceHdl< Geant4UserInitializationSequence >' on the right. A horizontal line with upward-pointing arrows at both ends connects these two boxes, indicating that they share a common base or are mutually inheritable. Below this line, centered, is a third box labeled 'DD4hep::Simulation::Geant4UserActionInitialization'. A vertical line descends from the center of the horizontal line to the top of this bottom box, indicating that 'DD4hep::Simulation::Geant4UserActionInitialization' is the base class for the two classes above it.