

#Make the Moore release area. (Moore is the project for the High Level Trigger. More documentation can be found in this twiki page.)

```
cd $User_release_area
SetupProject Moore v20r3 --build-env
```

#Get the packages that we will edit

```
cd $User_release_area/Moore_v20r3
getpack Hlt/Hlt2Lines head
getpack Hlt/HltConf head
getpack Hlt/HltSettings head
```

#Add the draft Hlt2 line to the Hlt2Lines package and build

```
cd $User_release_area/Moore_v20r3/Hlt/Hlt2Lines
cp /afs/cern.ch/user/m/mvesteri/public/ForKevin/Hlt2/Hlt2CharmHadD02HHPi0Lines.py python/Hlt2Lines
SetupMoore v20r3; cd cmt; cmt make; cd ..;
```

#You also need to add the new line to the HltConf package

```
cd $User_release_area/Moore_v20r3/Hlt/HltConf/
cp /afs/cern.ch/user/m/mvesteri/public/ForKevin/Hlt2/Hlt2.py python/HltConf
SetupMoore v20r3; cd cmt; cmt make; cd ..;
```

#(This just adds the following line to Hlt2.py) #from Hlt2Lines.Hlt2CharmHadD02HHPi0Lines import Hlt2CharmHadD02HHPi0LinesConf

#Then you need to edit one of the HltSettings files

```
cd $User_release_area/Hlt/HltSettings
cp /afs/cern.ch/user/m/mvesteri/public/ForKevin/Hlt2/Physics_September2012.py Hlt/HltSettings
SetupMoore v20r3; cd cmt; cmt make; cd ..;
```

#Now you are ready to test

```
cd $User_release_area/Moore_v20r3/Hlt/Hlt2Lines
cp /afs/cern.ch/user/m/mvesteri/public/ForKevin/Hlt2/runMoore.py .
cp /afs/cern.ch/user/m/mvesteri/public/ForKevin/Hlt2/RawData.py .
cp /afs/cern.ch/user/m/mvesteri/public/ForKevin/Hlt2/Kpypi0*.py .
```

#Run over min-bias data (to get the output rate):

```
SetupMoore v20r3
gaudirun.py runMoore.py RawData.py | tee RawData.log
```

#Run over signal MC (to get the efficiency)

```
SetupMoore v20r3
gaudirun.py runMoore.py Kpypi0_PFNs.py | tee Signal.log
```

This topic: LHCb > D0ToHHPi0Hlt2DevelopmentPage

Topic revision: r1 - 2013-08-09 - MikaVesterinen



Copyright &© 2008-2022 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

or Ideas, requests, problems regarding TWiki? use Discourse or Send feedback