

```
[100%] Built target ex-histo-device
[root@localhost build]# make install
-- Found Git: /usr/bin/git (found version "1.8.3.1")
-- FairRoot Version - v18.6.0 from - Mon Mar 8 10:49:58 2021 +0100
[ 0%] Built target svnheader
[ 1%] Built target FairTools
[ 2%] Built target MbsAPI
[ 2%] Built target Alignment
[ 10%] Built target GeoBase
[ 14%] Built target ParBase
[ 29%] Built target Base
[ 30%] Built target FairMCStepLogger
[ 32%] Built target FairFastSim
[ 34%] Built target Gen
[ 36%] Built target TrkBase
[ 37%] Built target Geane
[ 43%] Built target EventDisplay
[ 45%] Built target FairDataMatch
[ 46%] Built target BaseMQ
[ 46%] Built target ParMQ
[ 47%] Built target parmq-server
[ 49%] Built target ExPassive
[ 50%] Built target ExMCStack
[ 52%] Built target ExEventDisplay
[ 54%] Built target ExSimulation1
[ 54%] Built target tut1
[ 57%] Built target ExSimulation2
[ 61%] Built target ExPropagator
[ 64%] Built target ExSimulation4
[ 66%] Built target ExParameters
[ 66%] Built target ex-params-client
[ 68%] Built target ExSerialization
[ 69%] Built target ex-serialization1-sampler
[ 69%] Built target ex-serialization1-sink
[ 69%] Built target ex-serialization2-sink
[ 69%] Built target ex-serialization1-processor
[ 70%] Built target ex-serialization-generate-data
[ 70%] Built target ex-serialization2-sampler
[ 71%] Built target ex-serialization2-processor
[ 78%] Built target ExPixel
[ 79%] Built target pixel-sampler
[ 79%] Built target pixel-processor
[ 79%] Built target pixel-processor-bin
[ 79%] Built target pixel-sampler-bin
[ 80%] Built target pixel-sink-bin
[ 81%] Built target pixel-merger
[ 82%] Built target pixel-sim
[ 82%] Built target pixel-sink
[ 83%] Built target ExPixelAlt
[ 83%] Built target pixalt-processor-bin
[ 83%] Built target pixalt-sink-bin
[ 84%] Built target pixalt-sampler-bin
[ 85%] Built target ExSimMQ
```

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[ 85%] Built target pixel-sim-transport
[ 86%] Built target pixel-sim-gen
[ 86%] Built target pixel-sim-chunk-merger
[ 92%] Built target ExTestDetector
[ 93%] Built target tut3-processor
[ 93%] Built target tut3-sampler
[ 94%] Built target tut3-sink
[ 95%] Built target ExRutherford
[ 96%] Built target ExMbs
[ 97%] Built target ExLmd
[ 97%] Built target ex-lmd-sampler
[ 97%] Built target ex-lmd-mbs-sink
[ 98%] Built target ex-lmd-mbs-unpacker
[ 99%] Built target ExHistogramServer
[100%] Built target ex-histo-server
[100%] Built target ex-histo-device
Install the project...
-- Install configuration: "RelWithDebInfo"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairMCStepLogger.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairMCStepLogger.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libFairMCStepLogger.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairMCStepLogger.so
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairTools.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__FairTools_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairTools.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairTools.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libFairTools.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairTools.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairLogger.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMonitor.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairSystemInfo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libAlignment.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libAlignment.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libAlignment.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libAlignment.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairAlignmentHandler.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairFastSim.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__FairFastSim_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairFastSim.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairFastSim.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libFairFastSim.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairFastSim.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFastSimDetector.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFastSimModel.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFastSimRunConfiguration.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFastSimulation.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libBase.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__Base_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libBase.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libBase.so.18.6

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-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libBase.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libBase.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEventBuilder.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEventBuilderManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEventHeader.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFileHeader.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFileInfo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairHit.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairLink.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCEventHeader.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCPoint.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMesh.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMultiLinkedData_Interface.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMultiLinkedData.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairPrintFairLinks.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRadLenPoint.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRadMapPoint.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRecoEventHeader.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRunInfo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTimeStamp.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTrackParam.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairField.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFieldFactory.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairBaseContFact.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairBaseParSet.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairDetector.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeaneApplication.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGenericStack.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGenericVMCConfig.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoParSet.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairIon.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCApplication.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairModule.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParticle.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairPrimaryGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRunIdGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairVolume.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairVolumeList.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRootFileSink.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairSink.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFileSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMixedSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairOnlineSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairAnaSelector.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairLinkManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRadGridManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRadLenManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRadMapManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRingSorter.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRingSorterTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRootManager.h
```

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-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRun.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRunAna.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRunAnaProof.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRunOnline.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRunSim.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTrajFilter.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTSBufferFunctional.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairWriteoutBuffer.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairLmdSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMbsSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMbsStreamSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRemoteSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairUnpack.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/MRevBuffer.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeoBase.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__GeoBase_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeoBase.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeoBase.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libGeoBase.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeoBase.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoAsciiIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoAssembly.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoBasicShape.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoBrik.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoBuilder.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoCompositeVolume.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoCone.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoCons.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoEltu.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoInterface.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoLoader.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoMatrix.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoMedia.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoMedium.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoNode.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoOldAsciiIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoPcon.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoPgon.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoRootBuilder.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoRotation.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoSet.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoShapes.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoSphe.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTorus.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTransform.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTrap.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTrd1.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTube.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTubs.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoVector.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoVolume.h
```

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-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libParBase.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ParBase_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libParBase.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libParBase.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libParBase.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libParBase.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairContFact.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairDetParAsciiFileIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairDetParIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairDetParRootFileIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGenericParAsciiFileIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGenericParRootFileIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParamList.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParAsciiFileIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParGenericSet.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParRootFileIo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParSet.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRtdbRun.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRuntimeDb.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGen.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__Gen_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGen.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGen.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libGen.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGen.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairAsciiGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairBoxGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEvtGenGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairIonGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairParticleGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairShieldGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairUrqmdGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairYPtGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairBaseMCGenerator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeane.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__Geane_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeane.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeane.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libGeane.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libGeane.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeane.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeanePro.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libTrkBase.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__TrkBase_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libTrkBase.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libTrkBase.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libTrkBase.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libTrkBase.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeaneUtil.h
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```
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTrackPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTrackParH.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTrackParP.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairPropagator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRKPropagator.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libEventDisplay.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__EventDisplay_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libEventDisplay.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libEventDisplay.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libEventDisplay.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libEventDisplay.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairBoxSet.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairBoxSetDraw.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairBoxSetEditor.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEventManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEventManagerEditor.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairHitDraw.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairHitPointSetDraw.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCPointDraw.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairPointSetDraw.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGetEventTime.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairDataSourceI.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTCASource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTimebasedSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTimebasedMCSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTimebasedMCHitSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTimebasedDataHandlerT.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairXMLNode.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveAnimationControl.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveCut.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveTransparencyControl.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveGeoTracks.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveGeoTracksEditor.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveRecoTrack.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveRecoTrackList.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveTrack.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveTracks.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTracksDraw.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTrackHandler.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libMbsAPI.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libMbsAPI.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libMbsAPI.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libMbsAPI.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/f_evt.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/f_stccomm.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/f_ut_utime.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/fLmd.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/portnum_def.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_bufhe_swap.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_bufhe.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_evhe_swap.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_evhe.h
```

```
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_filhe_swap.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_filhe.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_stdint.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_ve10_1_swap.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_ve10_1.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_ves10_1_swap.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/s_ves10_1.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/sMbs.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/typedefs.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairDataMatch.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__FairDataMatch_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairDataMatch.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairDataMatch.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libFairDataMatch.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libFairDataMatch.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCDataCrawler.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCEntry.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCList.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCMatch.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCMatchCreatorTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCMatchLoaderTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCMatchSelectorTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCObject.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCResult.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCStage.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libBaseMQ.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libBaseMQ.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libBaseMQ.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libBaseMQ.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQProcessorTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQSamplerTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/baseMQtools.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQLmdSampler.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQProcessor.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQSampler.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQUnpacker.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQFileSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairSourceMQInterface.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/SimpleTreeReader.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/BinaryBaseClassSerializer.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/BoostSerializer.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/IOPolicy.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/RootSerializer.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/BinaryOutFileManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/BoostDataSaver.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/RootOutFileManager.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/TriviallyCopyableDataSaver.h
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libParMQ.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libParMQ.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libParMQ.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libParMQ.so
```

-- Installing: /home/Panda/FairRoot-v18.6/install/include/ParameterMQServer.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/bin/parmq-server  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/bin/parmq-server" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPassive.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_\_ExPassive\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPassive.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPassive.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExPassive.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPassive.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairCave.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoCave.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoMagnet.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoPassivePar.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoPipe.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairGeoTarget.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMagnet.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairPassiveContFact.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairPipe.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTarget.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMCStack.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_\_ExMCStack\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMCStack.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMCStack.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExMCStack.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMCStack.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCTrack.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairStack.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairDetectorList.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExEventDisplay.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_\_ExEventDisplay\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExEventDisplay.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExEventDisplay.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExEventDisplay.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExEventDisplay.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveMCTracks.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveMCTracksEditor.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCTracksDraw.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation1.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_\_ExSimulation1\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation1.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation1.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExSimulation1.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation1.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFastSimExample.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairFastSimExample2.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairSimConfig.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet1.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet1ContFact.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet1Geo.h



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-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet1GeoPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet1Point.h
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial1/bin/tut1
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial1/bin/tut1" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial1/run_tutorial1_mesh.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial1/run_tutorial1_pythia6.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial1/run_tutorial1_pythia8.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial1/run_tutorial1_urqmd.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial1/run_tutorial1.C
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation2.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExSimulation2_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation2.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation2.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExSimulation2.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation2.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2ContFact.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2CustomTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2DigiPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2Digitizer.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2Geo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2GeoPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet2Point.h
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial2/create_digis_mixed.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial2/create_digis.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial2/read_digis.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial2/run_background.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial2/run_signal.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial2/run_tutorial2.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial2/parameters
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/simulation/Tutorial2/parameters/tutdet.digi.par
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPropagator.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExPropagator_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPropagator.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPropagator.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExPropagator.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPropagator.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropContFact.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropDet.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropGeo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropGeoPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropPoint.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropTr.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropHit.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropHitProducer.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropTrack.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutPropTrackFinder.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveRecoTracksExample.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairEveRecoTracksExampleEditor.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRecoTracksDraw.h

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-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation4.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExSimulation4_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation4.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation4.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExSimulation4.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimulation4.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4Point.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4Hit.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4Geo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4ContFact.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4GeoPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4MisalignPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4HitProducerIdealMisalign.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4StraightLineFitter.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4MilleWriter.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4GeoHandler.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTutorialDet4PointDraw.h
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/eventDisplay.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/run_reco.C
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/simulation/Tutorial4/Create_Tutorial4_Geometry.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/run_tutorial4.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/plots.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/DecayConfig.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/Geane.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/SetCuts.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/UserDecay.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/basiclibs.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/flConfig.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/fllibs.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/g3Config.C
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/g3Config_new.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/g3libs.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/g4Config.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/g4config.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/rootlogon.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/gconfig/run_fluka.sh
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/parameters
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/simulation/Tutorial4/parameters/TutorialDet.misalign.par
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/simulation/Tutorial4/parameters/create_misalign_parameter.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/parameters/example.par
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/analysis
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/analysis/compare.cxx
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/analysis/mp2con.txt
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/Tutorial4/analysis/mp2str.txt
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExParameters.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExParameters_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExParameters.so.18.6.0
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```
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExParameters.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExParameters.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExParameters.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQExParamsClient.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQExParamsContFact.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQExParamsParOne.h
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/parameters/bin/ex-params-client
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/parameters/bin/ex-params-
client" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSerialization.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExSerialization_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSerialization.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSerialization.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExSerialization.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSerialization.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/MyDigi.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/MyHit.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/MyPodData.h
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-serialization1-
sampler
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-
serialization1-sampler" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-serialization1-
processor
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-
serialization1-processor" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-serialization1-sink
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-
serialization1-sink" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-serialization2-
sampler
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-
serialization2-sampler" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-serialization2-
processor
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-
serialization2-processor" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-serialization2-sink
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-
serialization2-sink" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-serialization-
generate-data
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/serialization/bin/ex-
serialization-generate-data" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixel.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExPixel_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixel.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixel.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExPixel.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixel.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/Pixel.h
```

```
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelContFact.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelDigi.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelDigiBinSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelDigiPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelDigiSource.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelDigitize.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelDigiWriteToBinFile.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelDigiWriteToFile.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelEventHeader.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelFindHits.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelFindTracks.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelFitTracks.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelGeo.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelGeoPar.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelHit.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelPoint.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelTrack.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelPayload.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixelFileSink.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixelFileSinkBin.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixelMerger.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixelSampler.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixelSamplerBin.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQRunDevice.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQSimDevice.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelFindHitsTask.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairOnlineSink.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixelTaskProcessor.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixelTaskProcessorBin.h
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_sim.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_digi.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_tracks.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_reco.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_digiToAscii.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_digiToBin.C
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_dAsciiSource.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/macros/run_dBinSource.C
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/startFairMQPixel.sh
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/startFairMQPixelSimulation.sh
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/startFairMQPixel_3Levels.sh
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/startFairMQPixelBin.sh
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/startFairMQPixelBinProxy.sh
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/startFairMQPixelMerger.sh
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-dds-
topology.xml
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-dds-
simulation.xml
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-dds-chain.xml
```

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-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/controlDDS.sh
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/run_pixel_dds_chain.sh
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/test-pixelSim.sh
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sampler
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-
sampler" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-processor
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-
processor" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sink
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sink"
to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sampler-bin
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-
sampler-bin" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-processor-bin
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-
processor-bin" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sink-bin
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sink-
bin" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-merger
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-
merger" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sim
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/bin/pixel-sim" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelDetector/param/pixel_digi.par
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixelAlt.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExPixelAlt_rdict.pcm
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixelAlt.so.18.6.0
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixelAlt.so.18.6
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExPixelAlt.so.18.6.0" to
"$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExPixelAlt.so
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelAltDigiWriteToRootVector.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/PixelAltFindHits.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixAltFileSinkBin.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixAltSamplerBin.h
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPixAltTaskProcessorBin.h
-- Installing: /home/Panda/FairRoot-
v18.6/install/share/fairbase/examples/MQ/pixelAlternative/bin/startFairMQPixAlt.sh
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelAlternative/bin/pixalt-sampler-bin
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelAlternative/bin/pixalt-
sampler-bin" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelAlternative/bin/pixalt-sink-bin
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelAlternative/bin/pixalt-
sink-bin" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelAlternative/bin/pixalt-processor-bin
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelAlternative/bin/pixalt-
processor-bin" to "$ORIGIN/../lib64:/home/Panda/fairsoft_nov20_patches/install/lib"
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimMQ.rootmap
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G__ExSimMQ_rdict.pcm

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-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimMQ.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimMQ.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExSimMQ.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExSimMQ.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMCSplitEventHeader.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQChunkMerger.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQPrimaryGeneratorDevice.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQTransportDevice.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelSimSplit/bin/pixel-sim-chunk-merger  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelSimSplit/bin/pixel-sim-chunk-merger" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelSimSplit/bin/pixel-sim-gen  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelSimSplit/bin/pixel-sim-gen" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelSimSplit/bin/pixel-sim-transport  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/pixelSimSplit/bin/pixel-sim-transport" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/run\_sim.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/run\_digi.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/run\_reco.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/eventDisplay.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/run\_digi\_timebased.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/run\_reco\_timebased.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/macro/data/dummy.txt  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExTestDetector.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_ExTestDetector\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExTestDetector.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExTestDetector.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExTestDetector.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExTestDetector.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorDigi.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorHit.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorPoint.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorDigiTask.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorHitProducerSmearing.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorRecoTask.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairConstField.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairConstPar.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairConstFieldCreator.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMapPar.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetector.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorContFact.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorGeo.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorGeoPar.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorDigiRingSorter.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorDigiSorterTask.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorDigiWriteoutBuffer.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorTimeDigiTask.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairTestDetectorTimeRecoTask.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/bin/tut3-sampler  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/bin/tut3-

sampler" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/bin/tut3-processor  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/bin/tut3-processor" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/bin/tut3-sink  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/Tutorial3/bin/tut3-sink" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExRutherford.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_\_ExRutherford\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExRutherford.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExRutherford.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExRutherford.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExRutherford.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRutherford.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRutherfordContFact.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRutherfordGeo.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRutherfordGeoPar.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairRutherfordPoint.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/rutherford/run\_rutherford.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/rutherford/run\_rad.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/simulation/rutherford/eventDisplay.C  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExLmd.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_\_ExLmd\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExLmd.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExLmd.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExLmd.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExLmd.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMBSUnpacker.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/Lmd/bin/ex-lmd-sampler  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/Lmd/bin/ex-lmd-sampler" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/Lmd/bin/ex-lmd-mbs-unpacker  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/Lmd/bin/ex-lmd-mbs-unpacker" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/Lmd/bin/ex-lmd-mbs-sink  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/Lmd/bin/ex-lmd-mbs-sink" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExHistogramServer.rootmap  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_\_ExHistogramServer\_rdict.pcm  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExHistogramServer.so.18.6.0  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExHistogramServer.so.18.6  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExHistogramServer.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExHistogramServer.so  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQExHistoCanvasDrawer.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQExHistoCanvasDrawerExample.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQExHistoDevice.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMQExHistoServer.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/histogramServer/bin/ex-histo-device  
-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/histogramServer/bin/ex-histo-device" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/histogramServer/bin/ex-histo-server

-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/share/fairbase/examples/MQ/histogramServer/bin/ex-histo-server" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"

-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMbs.rootmap

-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/G\_ExMbs\_rdict.pcm

-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMbs.so.18.6.0

-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMbs.so.18.6

-- Set runtime path of "/home/Panda/FairRoot-v18.6/install/lib64/libExMbs.so.18.6.0" to "\$ORIGIN/../lib64:/home/Panda/fairsoft\_nov20\_patches/install/lib"

-- Installing: /home/Panda/FairRoot-v18.6/install/lib64/libExMbs.so

-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMBSUnpack.h

-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMBSRawItem.h

-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairMBSTask.h

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/MbsTutorial/data/sample\_data\_2.lmd

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/advanced/MbsTutorial/macros/unpack\_mbs.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/CMakeLists.txt

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/DecayConfig.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/DecayConfigPythia8.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/FairVMCCConfig.cxx

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/FairVMCCConfig.h

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/GConfigLinkDef.h

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/Geane.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/SetCuts.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/UserDecay.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/basiclibs.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/flConfig.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/fllibs.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g3Config.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g3Config.yaml

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g3Config\_new.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g3libs.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g4Config.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g4Config.yaml

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g4ConfigPostInit.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g4ConfigPostInit.yaml

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g4config.in

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/g4configPostInit.in

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/rootlogon.C

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/gconfig/run\_fluka.sh

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/cave.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/cave\_vacuum.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/double\_sector.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/magnet.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/media.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/pixel.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/rutherford.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/target\_rutherford.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/torino.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/tutProp.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/tutProp2.geo

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/examples/common/geometry/tutorial4.root

-- Installing: /home/Panda/FairRoot-v18.6/install/bin/FairRootConfig.sh



-- Installing: /home/Panda/FairRoot-v18.6/install/bin/check\_system.sh  
-- Installing: /home/Panda/FairRoot-v18.6/install/include/FairVersion.h  
-- Installing: /home/Panda/FairRoot-v18.6/install/bin/FairRootConfig.csh  
-- Installing: /home/Panda/FairRoot-v18.6/install/bin/check\_system.csh  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/CMakeLists.txt  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/README.md  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/CMakeLists.txt  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-\_\_func\_\_.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-auto.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-auto\_fail\_compile.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-auto\_ret\_type.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-class\_override\_final.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-  
class\_override\_final\_fail\_compile.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-constexpr.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-constructor-delegation.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-cstdint.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-decltype.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-funcptr-to-lambda-  
conversion.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-initializer\_list.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-lambda.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-long\_long.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-nullptr.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-nullptr\_fail\_compile.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-regex.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-rvalue-references.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-rvalue\_references.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-sharedpointer.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-sizeof\_member.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-sizeof\_member\_fail.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-static\_assert.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-static\_assert\_fail\_compile.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/cxx11-test-variadic\_templates.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/checks/demo.cpp  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/CheckCXX11Features.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/CheckFortran.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FairMacros.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FairRootTargetRootDictionary.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindClangFormat.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindFairRoot.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindGSL.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindGeant3.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindGeant4.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindGeant4VMC.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindHEPMC.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindIWYU.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindPythia6.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindPythia8.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/FindROOT.cmake  
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/GenerateVersionInfo.cmake

```

-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/ROOTMacros.cmake
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/WriteConfigFile.cmake
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/modules/CheckCompiler.cmake
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/CMakeLists.txt_roc
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/FairRootConfigVersion.cmake.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/FairVersion.h.default
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/FairVersion.h.tmp
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/check_system.csh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/check_system.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/check_system_mac.csh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/check_system_mac.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/config.csh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/config.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/fairroot-config.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/generate_dictionary_root.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/root_macro.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/run_binary.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/set_env.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake/scripts/set_env_macos.sh.in
-- Installing: /home/Panda/FairRoot-v18.6/install/bin/fairroot-config
[root@localhost build]# export FAIRROOTPATH=/home/Panda/FairRoot-v18.6/install
[root@localhost build]# cd /home/Panda
[root@localhost Panda]# mkdir pandaroot
[root@localhost Panda]# cd pandaroot
[root@localhost pandaroot]# git clone https://git.panda.gsi.de/PandaRootGroup/PandaRoot.git ./source
Cloning into './source'...
Username for 'https://git.panda.gsi.de': lattery@uwosh.edu
Password for 'https://lattery@uwosh.edu@git.panda.gsi.de':
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 113866 (delta 1), reused 0 (delta 0), pack-reused 113856
Receiving objects: 100% (113866/113866), 1.27 GiB | 2.95 MiB/s, done.
Resolving deltas: 100% (87327/87327), done.
[root@localhost pandaroot]# cd source
[root@localhost source]# git tag -l
1_0_0
1_0_0@1079
1_0_0@3238
2_0_0
2_0_0@1926
2_0_0@3238
apr13
august11
day1_jsc
dec13
dec17
dec17p1
dec17p2
dec17p2b
dec18
dec18p1
feb10

```

feb10@7610  
feb17  
feb17p1  
jan14  
jan16  
july11  
july12  
jun08  
jun08@2961  
jun08@3238  
mar14  
mar15  
may10  
may10@8745  
may11  
may11@11991  
nov08  
nov11  
oct12  
oct14  
oct19  
scrut14  
v12.0.0  
v12.0.1  
v12.0.2

```
[root@localhost source]# git checkout -b v12.0.0 v12.0.0
Switched to a new branch 'v12.0.0'
[root@localhost source]# mkdir ../build
[root@localhost source]# cd ../build
[root@localhost build]# cmake ../source
-- The C compiler identification is GNU 7.3.1
-- The CXX compiler identification is GNU 7.3.1
-- Check for working C compiler: /opt/rh/devtoolset-7/root/usr/bin/cc
-- Check for working C compiler: /opt/rh/devtoolset-7/root/usr/bin/cc - works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /opt/rh/devtoolset-7/root/usr/bin/c++
-- Check for working CXX compiler: /opt/rh/devtoolset-7/root/usr/bin/c++ - works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- The Fortran compiler identification is GNU 7.3.1
-- Check for working Fortran compiler: /opt/rh/devtoolset-7/root/usr/bin/gfortran
-- Check for working Fortran compiler: /opt/rh/devtoolset-7/root/usr/bin/gfortran - works
-- Detecting Fortran compiler ABI info
-- Detecting Fortran compiler ABI info - done
-- Checking whether /opt/rh/devtoolset-7/root/usr/bin/gfortran supports Fortran 90
-- Checking whether /opt/rh/devtoolset-7/root/usr/bin/gfortran supports Fortran 90 - yes
-- NOT Found FAIRBASE
-- Setting FairRoot environment:
-- FairRoot prefix      : /home/Panda/FairRoot-v18.6/install
```

```

-- FairRoot Library directory : /home/Panda/FairRoot-v18.6/install/lib64
-- FairRoot Include path      : /home/Panda/FairRoot-v18.6/install/include
-- FairRoot Cmake Modules     : /home/Panda/FairRoot-v18.6/install/share/fairbase/cmake
CMAKE_Fortran_COMPILER full path: /opt/rh/devtoolset-7/root/usr/bin/gfortran
Fortran compiler: gfortran
Set BuildType DEBUG
-- fairsoft-config found
--- Found a Linux system
--- Found GNU compiler collection
-- Configuring done
-- Generating done
-- Build files have been written to: /home/Panda/pandaroot/build/googletest-download
Scanning dependencies of target googletest
[ 11%] Creating directories for 'googletest'
[ 22%] Performing download step (git clone) for 'googletest'
Cloning into 'googletest-src'...
Already on 'master'
[ 33%] No patch step for 'googletest'
[ 44%] Performing update step for 'googletest'
Current branch master is up to date.
[ 55%] No configure step for 'googletest'
[ 66%] No build step for 'googletest'
[ 77%] No install step for 'googletest'
[ 88%] No test step for 'googletest'
[100%] Completed 'googletest'
[100%] Built target googletest
-- Found Python: /usr/bin/python3.6 (found version "3.6.8") found components: Interpreter
-- Looking for pthread.h
-- Looking for pthread.h - found
-- Performing Test CMAKE_HAVE_LIBC_PTHREAD
-- Performing Test CMAKE_HAVE_LIBC_PTHREAD - Failed
-- Looking for pthread_create in pthreads
-- Looking for pthread_create in pthreads - not found
-- Looking for pthread_create in pthread
-- Looking for pthread_create in pthread - found
-- Found Threads: TRUE
-- ROOT::Core target added by hand.
-- ROOT::RIO target added by hand.
-- ROOT::Tree target added by hand.
-- ROOT::Rint target added by hand.
-- ROOT::Physics target added by hand.
-- ROOT::MathCore target added by hand.
-- ROOT::Thread target added by hand.
-- ROOT::Geom target added by hand.
-- ROOT::EG target added by hand.
-- Found VMC 1.0.3 in /home/Panda/fairsoft_nov20_patches/install/lib/VMC-1.0.3
-- VMC_INCLUDE_DIRS/home/Panda/fairsoft_nov20_patches/install/include/vmc
-- VMC_LIBRARIESVMCLibrary
-- Check if compiler accepts -pthread
-- Check if compiler accepts -pthread - yes
CLHEP FOUND /home/Panda/fairsoft_nov20_patches/install/lib/CLHEP-2.4.4.0/../../include
CLHEP LIB CLHEP
-- Looking for Boost ...
-- Found Boost: /home/Panda/fairsoft_nov20_patches/install/include (found suitable version "1.75.0", minimum

```

required is "1.48")

SYSTEM\_DIR1:

/home/Panda/fairsoft\_nov20\_patches/install/include/root;/home/Panda/fairsoft\_nov20\_patches/install/include

ROOT\_FOUND\_VERSION = 62208

```
-- Performing Test _HAS_CXX11_FLAG
-- Performing Test _HAS_CXX11_FLAG - Success
-- Checking C++11 support for "__func__"
-- Checking C++11 support for "__func__": works
-- Checking C++11 support for "auto"
-- Checking C++11 support for "auto": works
-- Checking C++11 support for "auto_ret_type"
-- Checking C++11 support for "auto_ret_type": works
-- Checking C++11 support for "class_override_final"
-- Checking C++11 support for "class_override_final": works
-- Checking C++11 support for "constexpr"
-- Checking C++11 support for "constexpr": works
-- Checking C++11 support for "constructor-delegation"
-- Checking C++11 support for "constructor-delegation": works
-- Checking C++11 support for "cstdint"
-- Checking C++11 support for "cstdint": works
-- Checking C++11 support for "decltype"
-- Checking C++11 support for "decltype": works
-- Checking C++11 support for "initializer_list"
-- Checking C++11 support for "initializer_list": works
-- Checking C++11 support for "lambda"
-- Checking C++11 support for "lambda": works
-- Checking C++11 support for "long_long"
-- Checking C++11 support for "long_long": works
-- Checking C++11 support for "nullptr"
-- Checking C++11 support for "nullptr": works
-- Checking C++11 support for "regex"
-- Checking C++11 support for "regex": works
-- Checking C++11 support for "rvalue-references"
-- Checking C++11 support for "rvalue-references": works
-- Checking C++11 support for "sizeof_member"
-- Checking C++11 support for "sizeof_member": works
-- Checking C++11 support for "static_assert"
-- Checking C++11 support for "static_assert": works
-- Checking C++11 support for "variadic_templates"
-- Checking C++11 support for "variadic_templates": works
-- Checking C++11 support for "sharedpointer"
-- Checking C++11 support for "sharedpointer": works
-- Checking C++11 support for "funcptr-to-lambda-conversion"
-- Checking C++11 support for "funcptr-to-lambda-conversion": works
-- C++11 support found.
-- Checking for FairMultiLinkedData::PrintLinkInfo() function
-- FairMultiLinkedData has Print()
-- ROOT-Vc would be too new, compile the external legacy version.
Cleared directory 'external/vc'
Submodule 'external/vc' (https://github.com/VcDevel/Vc.git) registered for path 'external/vc'
Cloning into 'external/vc'...
Submodule path 'external/vc': checked out 'fbdcee6276a4864c1abd0c0cca3625c519c6a6d3'
Using PHOTOS.
-- starting genfit PANDAROOT
```

```

-- genfit for panda
CUDA_TOOLKIT_ROOT_DIR not found or specified
-- Could NOT find CUDA (missing: CUDA_TOOLKIT_ROOT_DIR CUDA_NVCC_EXECUTABLE
CUDA_INCLUDE_DIRS CUDA_CUDART_LIBRARY)
CUDA_TOOLKIT_ROOT_DIR not found or specified
-- Could NOT find CUDA (missing: CUDA_TOOLKIT_ROOT_DIR CUDA_NVCC_EXECUTABLE
CUDA_INCLUDE_DIRS CUDA_CUDART_LIBRARY)
CUDA_TOOLKIT_ROOT_DIR not found or specified
-- Could NOT find CUDA (missing: CUDA_TOOLKIT_ROOT_DIR CUDA_NVCC_EXECUTABLE
CUDA_INCLUDE_DIRS CUDA_CUDART_LIBRARY)
-- <MVA_INFO> Building MVA with multiClass.
Found TEve, so the eventdisplay will be compiled.
-- Configuring done
-- Generating done
-- Build files have been written to: /home/Panda/pandaroot/build
[root@localhost build]# make
Scanning dependencies of target vc
[ 0%] Creating directories for 'vc'
[ 0%] No download step for 'vc'
[ 0%] No patch step for 'vc'
[ 0%] No update step for 'vc'
[ 0%] Performing configure step for 'vc'
-- The C compiler identification is GNU 7.3.1
-- The CXX compiler identification is GNU 7.3.1
-- Check for working C compiler: /opt/rh/devtoolset-7/root/usr/bin/cc
-- Check for working C compiler: /opt/rh/devtoolset-7/root/usr/bin/cc - works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /opt/rh/devtoolset-7/root/usr/bin/c++
-- Check for working CXX compiler: /opt/rh/devtoolset-7/root/usr/bin/c++ - works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Detected Compiler: GCC 7
-- Performing Test check_c_compiler_flag__Wundef
-- Performing Test check_c_compiler_flag__Wundef - Success
-- Performing Test check_cxx_compiler_flag__Wundef
-- Performing Test check_cxx_compiler_flag__Wundef - Success
-- Performing Test check_c_compiler_flag__Wold_style_cast
-- Performing Test check_c_compiler_flag__Wold_style_cast - Failed
-- Performing Test check_cxx_compiler_flag__Wold_style_cast
-- Performing Test check_cxx_compiler_flag__Wold_style_cast - Success
-- Performing Test check_c_compiler_flag__Wno_variadic_macros
-- Performing Test check_c_compiler_flag__Wno_variadic_macros - Success
-- Performing Test check_cxx_compiler_flag__Wno_variadic_macros
-- Performing Test check_cxx_compiler_flag__Wno_variadic_macros - Success
-- Performing Test check_cxx_compiler_flag__Wabi
-- Performing Test check_cxx_compiler_flag__Wabi - Success
-- Performing Test check_cxx_compiler_flag__fabi_version_0
-- Performing Test check_cxx_compiler_flag__fabi_version_0 - Success
-- Performing Test Vc_VOID_PTR_IS_64BIT

```

```
-- Performing Test Vc_VOID_PTR_IS_64BIT - Success
-- Performing Test check_cxx_compiler_flag_ffp_contract_fast
-- Performing Test check_cxx_compiler_flag_ffp_contract_fast - Success
-- target changed from "" to "auto"
-- Detected CPU: sandy-bridge
-- Performing Test check_cxx_compiler_flag_march_sandybridge
-- Performing Test check_cxx_compiler_flag_march_sandybridge - Success
-- Performing Test check_cxx_compiler_flag_msse2
-- Performing Test check_cxx_compiler_flag_msse2 - Success
-- Performing Test check_cxx_compiler_flag_msse3
-- Performing Test check_cxx_compiler_flag_msse3 - Success
-- Looking for pmmmintrin.h
-- Looking for pmmmintrin.h - found
-- Performing Test check_cxx_compiler_flag_mssse3
-- Performing Test check_cxx_compiler_flag_mssse3 - Success
-- Looking for tmmmintrin.h
-- Looking for tmmmintrin.h - found
-- Performing Test check_cxx_compiler_flag_msse4_1
-- Performing Test check_cxx_compiler_flag_msse4_1 - Success
-- Looking for smmintrin.h
-- Looking for smmintrin.h - found
-- Performing Test check_cxx_compiler_flag_msse4_2
-- Performing Test check_cxx_compiler_flag_msse4_2 - Success
-- Performing Test check_cxx_compiler_flag_mavx
-- Performing Test check_cxx_compiler_flag_mavx - Success
-- Looking for immintrin.h
-- Looking for immintrin.h - found
-- Performing Test check_cxx_compiler_flag_msse2avx
-- Performing Test check_cxx_compiler_flag_msse2avx - Success
-- Performing Test check_cxx_compiler_flag_mno_sse4a
-- Performing Test check_cxx_compiler_flag_mno_sse4a - Success
-- Performing Test check_cxx_compiler_flag_mno_xop
-- Performing Test check_cxx_compiler_flag_mno_xop - Success
-- Performing Test check_cxx_compiler_flag_mno_fma4
-- Performing Test check_cxx_compiler_flag_mno_fma4 - Success
-- Performing Test check_cxx_compiler_flag_fPIC
-- Performing Test check_cxx_compiler_flag_fPIC - Success
-- Performing Test check_cxx_compiler_flag_xSSE2
-- Performing Test check_cxx_compiler_flag_xSSE2 - Failed
-- Performing Test check_cxx_compiler_flag_xSSE3
-- Performing Test check_cxx_compiler_flag_xSSE3 - Failed
-- Performing Test check_cxx_compiler_flag_xSSSE3
-- Performing Test check_cxx_compiler_flag_xSSSE3 - Failed
-- Performing Test check_cxx_compiler_flag_xSSE4_1
-- Performing Test check_cxx_compiler_flag_xSSE4_1 - Failed
-- Performing Test check_cxx_compiler_flag_xAVX
-- Performing Test check_cxx_compiler_flag_xAVX - Failed
-- Performing Test check_cxx_compiler_flag_mxop
-- Performing Test check_cxx_compiler_flag_mxop - Success
-- Performing Test check_cxx_compiler_flag_mfma4
-- Performing Test check_cxx_compiler_flag_mfma4 - Success
-- Performing Test check_cxx_compiler_flag_mfma
-- Performing Test check_cxx_compiler_flag_mfma - Success
-- Performing Test check_cxx_compiler_flag_std_c_11
```

```
-- Performing Test check_cxx_compiler_flag_std_c_11 - Success
-- Configuring done
-- Generating done
-- Build files have been written to: /home/Panda/pandaroot/build/external/vc/src/vc-build
[ 1%] Performing build step for 'vc'
[ 1%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/avx_sorthelper_AVX.cpp
[ 1%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_SSE2.cpp
[ 1%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_SSE3.cpp
[ 1%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_SSSE3.cpp
[ 1%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_SSE4_1.cpp
[ 2%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_AVX.cpp
[ 2%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_SSE+XOP+FMA4.cpp
[ 2%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_AVX+XOP+FMA4.cpp
[ 2%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_AVX+XOP+FMA.cpp
[ 2%] Copy to /home/Panda/pandaroot/build/external/vc/src/vc-build/trigonometric_AVX+FMA.cpp
Scanning dependencies of target Vc
[ 2%] Building CXX object CMakeFiles/Vc.dir/src/const.cpp.o
[ 2%] Building CXX object CMakeFiles/Vc.dir/src/cpuid.cpp.o
[ 2%] Building CXX object CMakeFiles/Vc.dir/src/support.cpp.o
[ 2%] Building CXX object CMakeFiles/Vc.dir/trigonometric_SSE2.cpp.o
[ 4%] Building CXX object CMakeFiles/Vc.dir/trigonometric_SSE3.cpp.o
[ 4%] Building CXX object CMakeFiles/Vc.dir/trigonometric_SSSE3.cpp.o
[ 4%] Building CXX object CMakeFiles/Vc.dir/trigonometric_SSE4_1.cpp.o
[ 4%] Building CXX object CMakeFiles/Vc.dir/trigonometric_AVX.cpp.o
[ 4%] Building CXX object CMakeFiles/Vc.dir/trigonometric_SSE+XOP+FMA4.cpp.o
[ 5%] Building CXX object CMakeFiles/Vc.dir/trigonometric_AVX+XOP+FMA4.cpp.o
[ 5%] Building CXX object CMakeFiles/Vc.dir/trigonometric_AVX+XOP+FMA.cpp.o
[ 5%] Building CXX object CMakeFiles/Vc.dir/trigonometric_AVX+FMA.cpp.o
[ 5%] Building CXX object CMakeFiles/Vc.dir/avx_sorthelper_AVX.cpp.o
[ 5%] Linking CXX static library libVc.a
[ 5%] Built target Vc
Scanning dependencies of target download-testdata
[ 5%] Downloading Test Data: reference-sincos-sp.dat
[ 5%] Downloading Test Data: reference-sincos-dp.dat
[ 5%] Downloading Test Data: reference-asin-sp.dat
[ 7%] Downloading Test Data: reference-asin-dp.dat
[ 7%] Downloading Test Data: reference-acos-sp.dat
[ 7%] Downloading Test Data: reference-acos-dp.dat
[ 7%] Downloading Test Data: reference-atan-sp.dat
[ 7%] Downloading Test Data: reference-atan-dp.dat
[ 8%] Downloading Test Data: reference-ln-sp.dat
[ 8%] Downloading Test Data: reference-ln-dp.dat
[ 8%] Downloading Test Data: reference-log2-sp.dat
[ 8%] Downloading Test Data: reference-log2-dp.dat
[ 8%] Downloading Test Data: reference-log10-sp.dat
[ 9%] Downloading Test Data: reference-log10-dp.dat
[ 9%] Built target download-testdata
Scanning dependencies of target math_VC_LOG_ILP_sse
[ 9%] Building CXX object tests/CMakeFiles/math_VC_LOG_ILP_sse.dir/math.cpp.o
[ 9%] Linking CXX executable math_VC_LOG_ILP_sse
[ 9%] Built target math_VC_LOG_ILP_sse
Scanning dependencies of target linkTestLibDynamic1
[ 9%] Building CXX object tests/CMakeFiles/linkTestLibDynamic1.dir/linkTestLib0.cpp.o
[ 9%] Building CXX object tests/CMakeFiles/linkTestLibDynamic1.dir/linkTestLib1.cpp.o
```



[ 9%] Linking CXX shared library liblinkTestLibDynamic1.so  
[ 9%] Built target linkTestLibDynamic1  
Scanning dependencies of target linkTestLibStatic  
[ 9%] Building CXX object tests/CMakeFiles/linkTestLibStatic.dir/linkTestLib2.cpp.o  
[ 9%] Building CXX object tests/CMakeFiles/linkTestLibStatic.dir/linkTestLib3.cpp.o  
[ 9%] Linking CXX static library liblinkTestLibStatic.a  
[ 9%] Built target linkTestLibStatic  
Scanning dependencies of target linkTestLibDynamic2  
[ 9%] Building CXX object tests/CMakeFiles/linkTestLibDynamic2.dir/linkTestLib0.cpp.o  
[ 11%] Building CXX object tests/CMakeFiles/linkTestLibDynamic2.dir/linkTestLib1.cpp.o  
[ 11%] Linking CXX shared library liblinkTestLibDynamic2.so  
[ 11%] Built target linkTestLibDynamic2  
Scanning dependencies of target linkTest  
[ 11%] Building CXX object tests/CMakeFiles/linkTest.dir/linkTest0.cpp.o  
[ 11%] Building CXX object tests/CMakeFiles/linkTest.dir/linkTest1.cpp.o  
[ 12%] Linking CXX executable linkTest  
[ 12%] Built target linkTest  
Scanning dependencies of target supportfunctions  
[ 12%] Building CXX object tests/CMakeFiles/supportfunctions.dir/supportfunctions.cpp.o  
[ 12%] Linking CXX executable supportfunctions  
[ 12%] Built target supportfunctions  
Scanning dependencies of target sse4\_blend  
[ 12%] Building CXX object tests/CMakeFiles/sse4\_blend.dir/sse\_blend.cpp.o  
[ 12%] Linking CXX executable sse4\_blend  
[ 12%] Built target sse4\_blend  
Scanning dependencies of target sse2\_blend  
[ 14%] Building CXX object tests/CMakeFiles/sse2\_blend.dir/sse\_blend.cpp.o  
[ 14%] Linking CXX executable sse2\_blend  
[ 14%] Built target sse2\_blend  
Scanning dependencies of target c++11\_swizzles\_sse  
[ 15%] Building CXX object tests/CMakeFiles/c++11\_swizzles\_sse.dir/swizzles.cpp.o  
[ 15%] Linking CXX executable c++11\_swizzles\_sse  
[ 15%] Built target c++11\_swizzles\_sse  
Scanning dependencies of target c++11\_swizzles\_scalar  
[ 15%] Building CXX object tests/CMakeFiles/c++11\_swizzles\_scalar.dir/swizzles.cpp.o  
[ 15%] Linking CXX executable c++11\_swizzles\_scalar  
[ 15%] Built target c++11\_swizzles\_scalar  
Scanning dependencies of target swizzles\_avx  
[ 15%] Building CXX object tests/CMakeFiles/swizzles\_avx.dir/swizzles.cpp.o  
[ 15%] Linking CXX executable swizzles\_avx  
[ 15%] Built target swizzles\_avx  
Scanning dependencies of target swizzles\_scalar  
[ 16%] Building CXX object tests/CMakeFiles/swizzles\_scalar.dir/swizzles.cpp.o  
[ 16%] Linking CXX executable swizzles\_scalar  
[ 16%] Built target swizzles\_scalar  
Scanning dependencies of target c++11\_casts\_avx  
[ 16%] Building CXX object tests/CMakeFiles/c++11\_casts\_avx.dir/casts.cpp.o  
[ 16%] Linking CXX executable c++11\_casts\_avx  
[ 16%] Built target c++11\_casts\_avx  
Scanning dependencies of target c++11\_casts\_scalar  
[ 16%] Building CXX object tests/CMakeFiles/c++11\_casts\_scalar.dir/casts.cpp.o  
[ 18%] Linking CXX executable c++11\_casts\_scalar  
[ 18%] Built target c++11\_casts\_scalar  
Scanning dependencies of target casts\_avx

[ 18%] Building CXX object tests/CMakeFiles/casts\_avx.dir/casts.cpp.o  
[ 18%] Linking CXX executable casts\_avx  
[ 18%] Built target casts\_avx  
Scanning dependencies of target casts\_sse  
[ 18%] Building CXX object tests/CMakeFiles/casts\_sse.dir/casts.cpp.o  
[ 18%] Linking CXX executable casts\_sse  
[ 18%] Built target casts\_sse  
Scanning dependencies of target casts\_scalar  
[ 19%] Building CXX object tests/CMakeFiles/casts\_scalar.dir/casts.cpp.o  
[ 19%] Linking CXX executable casts\_scalar  
[ 19%] Built target casts\_scalar  
Scanning dependencies of target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
[ 19%] Building CXX object  
tests/CMakeFiles/c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx.dir/deinterleave.cpp.o  
[ 19%] Linking CXX executable c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
[ 19%] Built target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
Scanning dependencies of target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
[ 21%] Building CXX object  
tests/CMakeFiles/deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx.dir/deinterleave.cpp.o  
[ 21%] Linking CXX executable deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
[ 21%] Built target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
Scanning dependencies of target c++11\_deinterleave\_avx  
[ 22%] Building CXX object tests/CMakeFiles/c++11\_deinterleave\_avx.dir/deinterleave.cpp.o  
[ 22%] Linking CXX executable c++11\_deinterleave\_avx  
[ 22%] Built target c++11\_deinterleave\_avx  
Scanning dependencies of target swizzles\_sse  
[ 22%] Building CXX object tests/CMakeFiles/swizzles\_sse.dir/swizzles.cpp.o  
[ 22%] Linking CXX executable swizzles\_sse  
[ 22%] Built target swizzles\_sse  
Scanning dependencies of target c++11\_deinterleave\_scalar  
[ 22%] Building CXX object tests/CMakeFiles/c++11\_deinterleave\_scalar.dir/deinterleave.cpp.o  
[ 22%] Linking CXX executable c++11\_deinterleave\_scalar  
[ 22%] Built target c++11\_deinterleave\_scalar  
Scanning dependencies of target c++11\_utils\_scalar  
[ 22%] Building CXX object tests/CMakeFiles/c++11\_utils\_scalar.dir/Utils.cpp.o  
[ 23%] Linking CXX executable c++11\_utils\_scalar  
[ 23%] Built target c++11\_utils\_scalar  
Scanning dependencies of target utils\_avx  
[ 23%] Building CXX object tests/CMakeFiles/utils\_avx.dir/Utils.cpp.o  
[ 25%] Linking CXX executable utils\_avx  
[ 25%] Built target utils\_avx  
Scanning dependencies of target utils\_sse  
[ 25%] Building CXX object tests/CMakeFiles/utils\_sse.dir/Utils.cpp.o  
[ 26%] Linking CXX executable utils\_sse  
[ 26%] Built target utils\_sse  
Scanning dependencies of target c++11\_deinterleave\_sse  
[ 26%] Building CXX object tests/CMakeFiles/c++11\_deinterleave\_sse.dir/deinterleave.cpp.o  
[ 28%] Linking CXX executable c++11\_deinterleave\_sse  
[ 28%] Built target c++11\_deinterleave\_sse  
Scanning dependencies of target c++11\_mask\_avx  
[ 28%] Building CXX object tests/CMakeFiles/c++11\_mask\_avx.dir/mask.cpp.o  
[ 29%] Linking CXX executable c++11\_mask\_avx  
[ 29%] Built target c++11\_mask\_avx  
Scanning dependencies of target c++11\_mask\_sse

[ 29%] Building CXX object tests/CMakeFiles/c++11\_mask\_sse.dir/mask.cpp.o  
[ 29%] Linking CXX executable c++11\_mask\_sse  
[ 29%] Built target c++11\_mask\_sse  
Scanning dependencies of target mask\_avx  
[ 29%] Building CXX object tests/CMakeFiles/mask\_avx.dir/mask.cpp.o  
[ 29%] Linking CXX executable mask\_avx  
[ 29%] Built target mask\_avx  
Scanning dependencies of target mask\_sse  
[ 30%] Building CXX object tests/CMakeFiles/mask\_sse.dir/mask.cpp.o  
[ 30%] Linking CXX executable mask\_sse  
[ 30%] Built target mask\_sse  
Scanning dependencies of target c++11\_math\_VC\_LOG\_ILP2\_scalar  
[ 30%] Building CXX object tests/CMakeFiles/c++11\_math\_VC\_LOG\_ILP2\_scalar.dir/math.cpp.o  
[ 30%] Linking CXX executable c++11\_math\_VC\_LOG\_ILP2\_scalar  
[ 30%] Built target c++11\_math\_VC\_LOG\_ILP2\_scalar  
Scanning dependencies of target math\_VC\_LOG\_ILP2\_avx  
[ 30%] Building CXX object tests/CMakeFiles/math\_VC\_LOG\_ILP2\_avx.dir/math.cpp.o  
[ 30%] Linking CXX executable math\_VC\_LOG\_ILP2\_avx  
[ 30%] Built target math\_VC\_LOG\_ILP2\_avx  
Scanning dependencies of target c++11\_math\_VC\_LOG\_ILP\_scalar  
[ 30%] Building CXX object tests/CMakeFiles/c++11\_math\_VC\_LOG\_ILP\_scalar.dir/math.cpp.o  
[ 30%] Linking CXX executable c++11\_math\_VC\_LOG\_ILP\_scalar  
[ 30%] Built target c++11\_math\_VC\_LOG\_ILP\_scalar  
Scanning dependencies of target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar  
[ 30%] Building CXX object  
tests/CMakeFiles/deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar.dir/deinterleave.cpp.o  
[ 30%] Linking CXX executable deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar  
[ 30%] Built target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar  
Scanning dependencies of target c++11\_store\_sse  
[ 30%] Building CXX object tests/CMakeFiles/c++11\_store\_sse.dir/store.cpp.o  
[ 32%] Linking CXX executable c++11\_store\_sse  
[ 32%] Built target c++11\_store\_sse  
Scanning dependencies of target c++11\_store\_scalar  
[ 32%] Building CXX object tests/CMakeFiles/c++11\_store\_scalar.dir/store.cpp.o  
[ 32%] Linking CXX executable c++11\_store\_scalar  
[ 32%] Built target c++11\_store\_scalar  
Scanning dependencies of target store\_scalar  
[ 32%] Building CXX object tests/CMakeFiles/store\_scalar.dir/store.cpp.o  
[ 32%] Linking CXX executable store\_scalar  
[ 32%] Built target store\_scalar  
Scanning dependencies of target scatter\_avx  
[ 32%] Building CXX object tests/CMakeFiles/scatter\_avx.dir/scatter.cpp.o  
[ 33%] Linking CXX executable scatter\_avx  
[ 33%] Built target scatter\_avx  
Scanning dependencies of target c++11\_load\_avx  
[ 33%] Building CXX object tests/CMakeFiles/c++11\_load\_avx.dir/load.cpp.o  
[ 33%] Linking CXX executable c++11\_load\_avx  
[ 33%] Built target c++11\_load\_avx  
Scanning dependencies of target load\_avx  
[ 35%] Building CXX object tests/CMakeFiles/load\_avx.dir/load.cpp.o  
[ 35%] Linking CXX executable load\_avx  
[ 35%] Built target load\_avx  
Scanning dependencies of target c++11\_expandandmerge\_avx  
[ 35%] Building CXX object tests/CMakeFiles/c++11\_expandandmerge\_avx.dir/expandandmerge.cpp.o

[ 35%] Linking CXX executable c++11\_expandandmerge\_avx  
[ 35%] Built target c++11\_expandandmerge\_avx  
Scanning dependencies of target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
[ 35%] Building CXX object tests/CMakeFiles/scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse.dir/scatter.cpp.o  
[ 35%] Linking CXX executable scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
[ 35%] Built target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
Scanning dependencies of target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
[ 35%] Building CXX object tests/CMakeFiles/scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx.dir/scatter.cpp.o  
[ 35%] Linking CXX executable scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
[ 35%] Built target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
Scanning dependencies of target c++11\_scalaraccess\_scalar  
[ 35%] Building CXX object tests/CMakeFiles/c++11\_scalaraccess\_scalar.dir/scalaraccess.cpp.o  
[ 35%] Linking CXX executable c++11\_scalaraccess\_scalar  
[ 35%] Built target c++11\_scalaraccess\_scalar  
Scanning dependencies of target c++11\_load\_sse  
[ 35%] Building CXX object tests/CMakeFiles/c++11\_load\_sse.dir/load.cpp.o  
[ 35%] Linking CXX executable c++11\_load\_sse  
[ 35%] Built target c++11\_load\_sse  
Scanning dependencies of target c++11\_expandandmerge\_sse  
[ 36%] Building CXX object tests/CMakeFiles/c++11\_expandandmerge\_sse.dir/expandandmerge.cpp.o  
[ 36%] Linking CXX executable c++11\_expandandmerge\_sse  
[ 36%] Built target c++11\_expandandmerge\_sse  
Scanning dependencies of target c++11\_scalaraccess\_avx  
[ 36%] Building CXX object tests/CMakeFiles/c++11\_scalaraccess\_avx.dir/scalaraccess.cpp.o  
[ 38%] Linking CXX executable c++11\_scalaraccess\_avx  
[ 38%] Built target c++11\_scalaraccess\_avx  
Scanning dependencies of target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
[ 38%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse.dir/gather.cpp.o  
[ 38%] Linking CXX executable gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
[ 38%] Built target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
Scanning dependencies of target mask\_scalar  
[ 38%] Building CXX object tests/CMakeFiles/mask\_scalar.dir/mask.cpp.o  
[ 38%] Linking CXX executable mask\_scalar  
[ 38%] Built target mask\_scalar  
Scanning dependencies of target gather\_VC\_USE\_SET\_GATHERS\_sse  
[ 38%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_SET\_GATHERS\_sse.dir/gather.cpp.o  
[ 39%] Linking CXX executable gather\_VC\_USE\_SET\_GATHERS\_sse  
[ 39%] Built target gather\_VC\_USE\_SET\_GATHERS\_sse  
Scanning dependencies of target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
[ 39%] Building CXX object  
tests/CMakeFiles/deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse.dir/deinterleave.cpp.o  
[ 40%] Linking CXX executable deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
[ 40%] Built target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
Scanning dependencies of target deinterleave\_scalar  
[ 40%] Building CXX object tests/CMakeFiles/deinterleave\_scalar.dir/deinterleave.cpp.o  
[ 40%] Linking CXX executable deinterleave\_scalar  
[ 40%] Built target deinterleave\_scalar  
Scanning dependencies of target expandandmerge\_avx  
[ 40%] Building CXX object tests/CMakeFiles/expandandmerge\_avx.dir/expandandmerge.cpp.o  
[ 40%] Linking CXX executable expandandmerge\_avx  
[ 40%] Built target expandandmerge\_avx  
Scanning dependencies of target c++11\_expandandmerge\_scalar  
[ 40%] Building CXX object tests/CMakeFiles/c++11\_expandandmerge\_scalar.dir/expandandmerge.cpp.o  
[ 40%] Linking CXX executable c++11\_expandandmerge\_scalar

[ 40%] Built target c++11\_expandandmerge\_scalar  
Scanning dependencies of target math\_VC\_LOG\_ILP\_avx  
[ 40%] Building CXX object tests/CMakeFiles/math\_VC\_LOG\_ILP\_avx.dir/math.cpp.o  
[ 42%] Linking CXX executable math\_VC\_LOG\_ILP\_avx  
[ 42%] Built target math\_VC\_LOG\_ILP\_avx  
Scanning dependencies of target expandandmerge\_sse  
[ 43%] Building CXX object tests/CMakeFiles/expandandmerge\_sse.dir/expandandmerge.cpp.o  
[ 43%] Linking CXX executable expandandmerge\_sse  
[ 43%] Built target expandandmerge\_sse  
Scanning dependencies of target arithmetics\_sse  
[ 43%] Building CXX object tests/CMakeFiles/arithmetics\_sse.dir/arithmetics.cpp.o  
[ 45%] Linking CXX executable arithmetics\_sse  
[ 45%] Built target arithmetics\_sse  
Scanning dependencies of target c++11\_gather\_scalar  
[ 45%] Building CXX object tests/CMakeFiles/c++11\_gather\_scalar.dir/gather.cpp.o  
[ 45%] Linking CXX executable c++11\_gather\_scalar  
[ 45%] Built target c++11\_gather\_scalar  
Scanning dependencies of target c++11\_mask\_scalar  
[ 45%] Building CXX object tests/CMakeFiles/c++11\_mask\_scalar.dir/mask.cpp.o  
[ 45%] Linking CXX executable c++11\_mask\_scalar  
[ 45%] Built target c++11\_mask\_scalar  
Scanning dependencies of target load\_sse  
[ 45%] Building CXX object tests/CMakeFiles/load\_sse.dir/load.cpp.o  
[ 46%] Linking CXX executable load\_sse  
[ 46%] Built target load\_sse  
Scanning dependencies of target expandandmerge\_scalar  
[ 46%] Building CXX object tests/CMakeFiles/expandandmerge\_scalar.dir/expandandmerge.cpp.o  
[ 46%] Linking CXX executable expandandmerge\_scalar  
[ 46%] Built target expandandmerge\_scalar  
Scanning dependencies of target c++11\_implicit\_type\_conversion\_scalar  
[ 46%] Building CXX object  
tests/CMakeFiles/c++11\_implicit\_type\_conversion\_scalar.dir/implicit\_type\_conversion.cpp.o  
[ 46%] Linking CXX executable c++11\_implicit\_type\_conversion\_scalar  
[ 46%] Built target c++11\_implicit\_type\_conversion\_scalar  
Scanning dependencies of target gather\_VC\_USE\_BSF\_GATHERS\_scalar  
[ 46%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_BSF\_GATHERS\_scalar.dir/gather.cpp.o  
[ 47%] Linking CXX executable gather\_VC\_USE\_BSF\_GATHERS\_scalar  
[ 47%] Built target gather\_VC\_USE\_BSF\_GATHERS\_scalar  
Scanning dependencies of target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_avx  
[ 47%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_BSF\_GATHERS\_avx.dir/gather.cpp.o  
[ 47%] Linking CXX executable c++11\_gather\_VC\_USE\_BSF\_GATHERS\_avx  
[ 47%] Built target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_avx  
Scanning dependencies of target implicit\_type\_conversion\_scalar  
[ 47%] Building CXX object tests/CMakeFiles/implicit\_type\_conversion\_scalar.dir/implicit\_type\_conversion.cpp.o  
[ 49%] Linking CXX executable implicit\_type\_conversion\_scalar  
[ 49%] Built target implicit\_type\_conversion\_scalar  
Scanning dependencies of target gather\_sse  
[ 50%] Building CXX object tests/CMakeFiles/gather\_sse.dir/gather.cpp.o  
[ 50%] Linking CXX executable gather\_sse  
[ 50%] Built target gather\_sse  
Scanning dependencies of target scalaraccess\_sse  
[ 50%] Building CXX object tests/CMakeFiles/scalaraccess\_sse.dir/scalaraccess.cpp.o  
[ 52%] Linking CXX executable scalaraccess\_sse  
[ 52%] Built target scalaraccess\_sse

Scanning dependencies of target implicit\_type\_conversion\_avx  
[ 52%] Building CXX object tests/CMakeFiles/implicit\_type\_conversion\_avx.dir/implicit\_type\_conversion.cpp.o  
[ 52%] Linking CXX executable implicit\_type\_conversion\_avx  
[ 52%] Built target implicit\_type\_conversion\_avx  
Scanning dependencies of target store\_avx  
[ 53%] Building CXX object tests/CMakeFiles/store\_avx.dir/store.cpp.o  
[ 53%] Linking CXX executable store\_avx  
[ 53%] Built target store\_avx  
Scanning dependencies of target deinterleave\_avx  
[ 53%] Building CXX object tests/CMakeFiles/deinterleave\_avx.dir/deinterleave.cpp.o  
[ 53%] Linking CXX executable deinterleave\_avx  
[ 53%] Built target deinterleave\_avx  
Scanning dependencies of target gather\_VC\_USE\_BSF\_GATHERS\_avx  
[ 53%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_BSF\_GATHERS\_avx.dir/gather.cpp.o  
[ 53%] Linking CXX executable gather\_VC\_USE\_BSF\_GATHERS\_avx  
[ 53%] Built target gather\_VC\_USE\_BSF\_GATHERS\_avx  
Scanning dependencies of target c++11\_scatter\_sse  
[ 53%] Building CXX object tests/CMakeFiles/c++11\_scatter\_sse.dir/scatter.cpp.o  
[ 53%] Linking CXX executable c++11\_scatter\_sse  
[ 53%] Built target c++11\_scatter\_sse  
Scanning dependencies of target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
[ 54%] Building CXX object tests/CMakeFiles/c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_avx.dir/scatter.cpp.o  
[ 54%] Linking CXX executable c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
[ 54%] Built target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
Scanning dependencies of target c++11\_stlcontainer\_avx  
[ 54%] Building CXX object tests/CMakeFiles/c++11\_stlcontainer\_avx.dir/stlcontainer.cpp.o  
[ 56%] Linking CXX executable c++11\_stlcontainer\_avx  
[ 56%] Built target c++11\_stlcontainer\_avx  
Scanning dependencies of target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
[ 57%] Building CXX object tests/CMakeFiles/scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar.dir/scatter.cpp.o  
[ 57%] Linking CXX executable scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
[ 57%] Built target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
Scanning dependencies of target memory\_scalar  
[ 57%] Building CXX object tests/CMakeFiles/memory\_scalar.dir/memory.cpp.o  
[ 57%] Linking CXX executable memory\_scalar  
[ 57%] Built target memory\_scalar  
Scanning dependencies of target c++11\_utils\_avx  
[ 57%] Building CXX object tests/CMakeFiles/c++11\_utils\_avx.dir/utils.cpp.o  
[ 57%] Linking CXX executable c++11\_utils\_avx  
[ 57%] Built target c++11\_utils\_avx  
Scanning dependencies of target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
[ 59%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar.dir/gather.cpp.o  
[ 59%] Linking CXX executable gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
[ 59%] Built target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
Scanning dependencies of target stlcontainer\_avx  
[ 59%] Building CXX object tests/CMakeFiles/stlcontainer\_avx.dir/stlcontainer.cpp.o  
[ 60%] Linking CXX executable stlcontainer\_avx  
[ 60%] Built target stlcontainer\_avx  
Scanning dependencies of target c++11\_stlcontainer\_sse  
[ 60%] Building CXX object tests/CMakeFiles/c++11\_stlcontainer\_sse.dir/stlcontainer.cpp.o  
[ 60%] Linking CXX executable c++11\_stlcontainer\_sse  
[ 60%] Built target c++11\_stlcontainer\_sse  
Scanning dependencies of target c++11\_casts\_sse  
[ 60%] Building CXX object tests/CMakeFiles/c++11\_casts\_sse.dir/casts.cpp.o

[ 60%] Linking CXX executable c++11\_casts\_sse  
[ 60%] Built target c++11\_casts\_sse  
Scanning dependencies of target c++11\_store\_avx  
[ 61%] Building CXX object tests/CMakeFiles/c++11\_store\_avx.dir/store.cpp.o  
[ 61%] Linking CXX executable c++11\_store\_avx  
[ 61%] Built target c++11\_store\_avx  
Scanning dependencies of target gather\_VC\_USE\_SET\_GATHERS\_avx  
[ 63%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_SET\_GATHERS\_avx.dir/gather.cpp.o  
[ 63%] Linking CXX executable gather\_VC\_USE\_SET\_GATHERS\_avx  
[ 63%] Built target gather\_VC\_USE\_SET\_GATHERS\_avx  
Scanning dependencies of target store\_sse  
[ 63%] Building CXX object tests/CMakeFiles/store\_sse.dir/store.cpp.o  
[ 64%] Linking CXX executable store\_sse  
[ 64%] Built target store\_sse  
Scanning dependencies of target c++11\_stlcontainer\_scalar  
[ 64%] Building CXX object tests/CMakeFiles/c++11\_stlcontainer\_scalar.dir/stlcontainer.cpp.o  
[ 64%] Linking CXX executable c++11\_stlcontainer\_scalar  
[ 64%] Built target c++11\_stlcontainer\_scalar  
Scanning dependencies of target c++11\_load\_scalar  
[ 66%] Building CXX object tests/CMakeFiles/c++11\_load\_scalar.dir/load.cpp.o  
[ 66%] Linking CXX executable c++11\_load\_scalar  
[ 66%] Built target c++11\_load\_scalar  
Scanning dependencies of target c++11\_memory\_avx  
[ 66%] Building CXX object tests/CMakeFiles/c++11\_memory\_avx.dir/memory.cpp.o  
[ 66%] Linking CXX executable c++11\_memory\_avx  
[ 66%] Built target c++11\_memory\_avx  
Scanning dependencies of target c++11\_gather\_VC\_USE\_SET\_GATHERS\_scalar  
[ 66%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_SET\_GATHERS\_scalar.dir/gather.cpp.o  
[ 66%] Linking CXX executable c++11\_gather\_VC\_USE\_SET\_GATHERS\_scalar  
[ 66%] Built target c++11\_gather\_VC\_USE\_SET\_GATHERS\_scalar  
Scanning dependencies of target c++11\_arithmetics\_sse  
[ 67%] Building CXX object tests/CMakeFiles/c++11\_arithmetics\_sse.dir/arithmetics.cpp.o  
[ 67%] Linking CXX executable c++11\_arithmetics\_sse  
[ 67%] Built target c++11\_arithmetics\_sse  
Scanning dependencies of target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
[ 67%] Building CXX object  
tests/CMakeFiles/c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar.dir/scatter.cpp.o  
[ 69%] Linking CXX executable c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
[ 69%] Built target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
Scanning dependencies of target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_scalar  
[ 69%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_BSF\_GATHERS\_scalar.dir/gather.cpp.o  
[ 70%] Linking CXX executable c++11\_gather\_VC\_USE\_BSF\_GATHERS\_scalar  
[ 70%] Built target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_scalar  
Scanning dependencies of target stlcontainer\_sse  
[ 70%] Building CXX object tests/CMakeFiles/stlcontainer\_sse.dir/stlcontainer.cpp.o  
[ 70%] Linking CXX executable stlcontainer\_sse  
[ 70%] Built target stlcontainer\_sse  
Scanning dependencies of target c++11\_implicit\_type\_conversion\_sse  
[ 71%] Building CXX object  
tests/CMakeFiles/c++11\_implicit\_type\_conversion\_sse.dir/implicit\_type\_conversion.cpp.o  
[ 71%] Linking CXX executable c++11\_implicit\_type\_conversion\_sse  
[ 71%] Built target c++11\_implicit\_type\_conversion\_sse  
Scanning dependencies of target memory\_avx  
[ 71%] Building CXX object tests/CMakeFiles/memory\_avx.dir/memory.cpp.o

[ 71%] Linking CXX executable memory\_avx  
[ 71%] Built target memory\_avx  
Scanning dependencies of target c++11\_math\_VC\_LOG\_ILP\_avx  
[ 71%] Building CXX object tests/CMakeFiles/c++11\_math\_VC\_LOG\_ILP\_avx.dir/math.cpp.o  
[ 71%] Linking CXX executable c++11\_math\_VC\_LOG\_ILP\_avx  
[ 71%] Built target c++11\_math\_VC\_LOG\_ILP\_avx  
Scanning dependencies of target implicit\_type\_conversion\_sse  
[ 71%] Building CXX object tests/CMakeFiles/implicit\_type\_conversion\_sse.dir/implicit\_type\_conversion.cpp.o  
[ 71%] Linking CXX executable implicit\_type\_conversion\_sse  
[ 71%] Built target implicit\_type\_conversion\_sse  
Scanning dependencies of target c++11\_math\_VC\_LOG\_ILP\_sse  
[ 73%] Building CXX object tests/CMakeFiles/c++11\_math\_VC\_LOG\_ILP\_sse.dir/math.cpp.o  
[ 73%] Linking CXX executable c++11\_math\_VC\_LOG\_ILP\_sse  
[ 73%] Built target c++11\_math\_VC\_LOG\_ILP\_sse  
Scanning dependencies of target c++11\_memory\_scalar  
[ 74%] Building CXX object tests/CMakeFiles/c++11\_memory\_scalar.dir/memory.cpp.o  
[ 74%] Linking CXX executable c++11\_memory\_scalar  
[ 74%] Built target c++11\_memory\_scalar  
Scanning dependencies of target arithmetics\_scalar  
[ 74%] Building CXX object tests/CMakeFiles/arithmetics\_scalar.dir/arithmetics.cpp.o  
[ 74%] Linking CXX executable arithmetics\_scalar  
[ 74%] Built target arithmetics\_scalar  
Scanning dependencies of target c++11\_swizzles\_avx  
[ 74%] Building CXX object tests/CMakeFiles/c++11\_swizzles\_avx.dir/swizzles.cpp.o  
[ 74%] Linking CXX executable c++11\_swizzles\_avx  
[ 74%] Built target c++11\_swizzles\_avx  
Scanning dependencies of target c++11\_scalaraccess\_sse  
[ 74%] Building CXX object tests/CMakeFiles/c++11\_scalaraccess\_sse.dir/scalaraccess.cpp.o  
[ 74%] Linking CXX executable c++11\_scalaraccess\_sse  
[ 74%] Built target c++11\_scalaraccess\_sse  
Scanning dependencies of target arithmetics\_avx  
[ 76%] Building CXX object tests/CMakeFiles/arithmetics\_avx.dir/arithmetics.cpp.o  
[ 76%] Linking CXX executable arithmetics\_avx  
[ 76%] Built target arithmetics\_avx  
Scanning dependencies of target load\_scalar  
[ 76%] Building CXX object tests/CMakeFiles/load\_scalar.dir/load.cpp.o  
[ 76%] Linking CXX executable load\_scalar  
[ 76%] Built target load\_scalar  
Scanning dependencies of target c++11\_math\_VC\_LOG\_ILP2\_sse  
[ 76%] Building CXX object tests/CMakeFiles/c++11\_math\_VC\_LOG\_ILP2\_sse.dir/math.cpp.o  
[ 77%] Linking CXX executable c++11\_math\_VC\_LOG\_ILP2\_sse  
[ 77%] Built target c++11\_math\_VC\_LOG\_ILP2\_sse  
Scanning dependencies of target stlcontainer\_scalar  
[ 77%] Building CXX object tests/CMakeFiles/stlcontainer\_scalar.dir/stlcontainer.cpp.o  
[ 77%] Linking CXX executable stlcontainer\_scalar  
[ 77%] Built target stlcontainer\_scalar  
Scanning dependencies of target memory\_sse  
[ 78%] Building CXX object tests/CMakeFiles/memory\_sse.dir/memory.cpp.o  
[ 78%] Linking CXX executable memory\_sse  
[ 78%] Built target memory\_sse  
Scanning dependencies of target c++11\_arithmetics\_scalar  
[ 78%] Building CXX object tests/CMakeFiles/c++11\_arithmetics\_scalar.dir/arithmetics.cpp.o  
[ 78%] Linking CXX executable c++11\_arithmetics\_scalar  
[ 78%] Built target c++11\_arithmetics\_scalar



Scanning dependencies of target scatter\_VC\_USE\_BSF\_SCATTERS\_scalar  
[ 78%] Building CXX object tests/CMakeFiles/scatter\_VC\_USE\_BSF\_SCATTERS\_scalar.dir/scatter.cpp.o  
[ 80%] Linking CXX executable scatter\_VC\_USE\_BSF\_SCATTERS\_scalar  
[ 80%] Built target scatter\_VC\_USE\_BSF\_SCATTERS\_scalar

Scanning dependencies of target gather\_scalar  
[ 80%] Building CXX object tests/CMakeFiles/gather\_scalar.dir/gather.cpp.o  
[ 80%] Linking CXX executable gather\_scalar  
[ 80%] Built target gather\_scalar

Scanning dependencies of target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar  
[ 81%] Building CXX object tests/CMakeFiles/c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar.dir/deinterleave.cpp.o  
[ 81%] Linking CXX executable c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar  
[ 81%] Built target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar

Scanning dependencies of target gather\_VC\_USE\_SET\_GATHERS\_scalar  
[ 81%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_SET\_GATHERS\_scalar.dir/gather.cpp.o  
[ 81%] Linking CXX executable gather\_VC\_USE\_SET\_GATHERS\_scalar  
[ 81%] Built target gather\_VC\_USE\_SET\_GATHERS\_scalar

Scanning dependencies of target scatter\_sse  
[ 81%] Building CXX object tests/CMakeFiles/scatter\_sse.dir/scatter.cpp.o  
[ 81%] Linking CXX executable scatter\_sse  
[ 81%] Built target scatter\_sse

Scanning dependencies of target gather\_avx  
[ 81%] Building CXX object tests/CMakeFiles/gather\_avx.dir/gather.cpp.o  
[ 81%] Linking CXX executable gather\_avx  
[ 81%] Built target gather\_avx

Scanning dependencies of target scalaraccess\_avx  
[ 83%] Building CXX object tests/CMakeFiles/scalaraccess\_avx.dir/scalaraccess.cpp.o  
[ 83%] Linking CXX executable scalaraccess\_avx  
[ 83%] Built target scalaraccess\_avx

Scanning dependencies of target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_scalar  
[ 83%] Building CXX object tests/CMakeFiles/c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_scalar.dir/scatter.cpp.o  
[ 83%] Linking CXX executable c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_scalar  
[ 83%] Built target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_scalar

Scanning dependencies of target c++11\_utils\_sse  
[ 83%] Building CXX object tests/CMakeFiles/c++11\_utils\_sse.dir/utils.cpp.o  
[ 83%] Linking CXX executable c++11\_utils\_sse  
[ 83%] Built target c++11\_utils\_sse

Scanning dependencies of target c++11\_gather\_sse  
[ 83%] Building CXX object tests/CMakeFiles/c++11\_gather\_sse.dir/gather.cpp.o  
[ 84%] Linking CXX executable c++11\_gather\_sse  
[ 84%] Built target c++11\_gather\_sse

Scanning dependencies of target c++11\_memory\_sse  
[ 84%] Building CXX object tests/CMakeFiles/c++11\_memory\_sse.dir/memory.cpp.o  
[ 84%] Linking CXX executable c++11\_memory\_sse  
[ 84%] Built target c++11\_memory\_sse

Scanning dependencies of target c++11\_gather\_avx  
[ 85%] Building CXX object tests/CMakeFiles/c++11\_gather\_avx.dir/gather.cpp.o  
[ 85%] Linking CXX executable c++11\_gather\_avx  
[ 85%] Built target c++11\_gather\_avx

Scanning dependencies of target gather\_VC\_USE\_BSF\_GATHERS\_sse  
[ 85%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_BSF\_GATHERS\_sse.dir/gather.cpp.o  
[ 85%] Linking CXX executable gather\_VC\_USE\_BSF\_GATHERS\_sse  
[ 85%] Built target gather\_VC\_USE\_BSF\_GATHERS\_sse

Scanning dependencies of target scatter\_VC\_USE\_BSF\_SCATTERS\_sse

[ 85%] Building CXX object tests/CMakeFiles/scatter\_VC\_USE\_BSF\_SCATTERS\_sse.dir/scatter.cpp.o  
[ 85%] Linking CXX executable scatter\_VC\_USE\_BSF\_SCATTERS\_sse  
[ 85%] Built target scatter\_VC\_USE\_BSF\_SCATTERS\_sse  
Scanning dependencies of target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_sse  
[ 85%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_BSF\_GATHERS\_sse.dir/gather.cpp.o  
[ 85%] Linking CXX executable c++11\_gather\_VC\_USE\_BSF\_GATHERS\_sse  
[ 85%] Built target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_sse  
Scanning dependencies of target c++11\_implicit\_type\_conversion\_avx  
[ 85%] Building CXX object tests/CMakeFiles/c++11\_implicit\_type\_conversion\_avx.dir/implicit\_type\_conversion.cpp.o  
[ 85%] Linking CXX executable c++11\_implicit\_type\_conversion\_avx  
[ 85%] Built target c++11\_implicit\_type\_conversion\_avx  
Scanning dependencies of target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
[ 85%] Building CXX object tests/CMakeFiles/gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx.dir/gather.cpp.o  
[ 85%] Linking CXX executable gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
[ 85%] Built target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
Scanning dependencies of target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
[ 85%] Building CXX object tests/CMakeFiles/c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx.dir/scatter.cpp.o  
[ 85%] Linking CXX executable c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
[ 85%] Built target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
Scanning dependencies of target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
[ 87%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar.dir/gather.cpp.o  
[ 87%] Linking CXX executable c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
[ 87%] Built target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
Scanning dependencies of target deinterleave\_sse  
[ 88%] Building CXX object tests/CMakeFiles/deinterleave\_sse.dir/deinterleave.cpp.o  
[ 88%] Linking CXX executable deinterleave\_sse  
[ 88%] Built target deinterleave\_sse  
Scanning dependencies of target c++11\_math\_avx  
[ 88%] Building CXX object tests/CMakeFiles/c++11\_math\_avx.dir/math.cpp.o  
[ 88%] Linking CXX executable c++11\_math\_avx  
[ 88%] Built target c++11\_math\_avx  
Scanning dependencies of target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
[ 88%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse.dir/gather.cpp.o  
[ 88%] Linking CXX executable c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
[ 88%] Built target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
Scanning dependencies of target math\_VC\_LOG\_ILP2\_sse  
[ 88%] Building CXX object tests/CMakeFiles/math\_VC\_LOG\_ILP2\_sse.dir/math.cpp.o  
[ 88%] Linking CXX executable math\_VC\_LOG\_ILP2\_sse  
[ 88%] Built target math\_VC\_LOG\_ILP2\_sse  
Scanning dependencies of target c++11\_gather\_VC\_USE\_SET\_GATHERS\_sse  
[ 88%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_SET\_GATHERS\_sse.dir/gather.cpp.o  
[ 88%] Linking CXX executable c++11\_gather\_VC\_USE\_SET\_GATHERS\_sse  
[ 88%] Built target c++11\_gather\_VC\_USE\_SET\_GATHERS\_sse  
Scanning dependencies of target c++11\_gather\_VC\_USE\_SET\_GATHERS\_avx  
[ 88%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_SET\_GATHERS\_avx.dir/gather.cpp.o  
[ 90%] Linking CXX executable c++11\_gather\_VC\_USE\_SET\_GATHERS\_avx  
[ 90%] Built target c++11\_gather\_VC\_USE\_SET\_GATHERS\_avx  
Scanning dependencies of target scatter\_scalar  
[ 90%] Building CXX object tests/CMakeFiles/scatter\_scalar.dir/scatter.cpp.o  
[ 90%] Linking CXX executable scatter\_scalar

[ 90%] Built target scatter\_scalar  
Scanning dependencies of target utils\_scalar  
[ 90%] Building CXX object tests/CMakeFiles/utils\_scalar.dir/utils.cpp.o  
[ 90%] Linking CXX executable utils\_scalar  
[ 90%] Built target utils\_scalar  
Scanning dependencies of target math\_VC\_LOG\_ILP2\_scalar  
[ 91%] Building CXX object tests/CMakeFiles/math\_VC\_LOG\_ILP2\_scalar.dir/math.cpp.o  
[ 91%] Linking CXX executable math\_VC\_LOG\_ILP2\_scalar  
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Scanning dependencies of target c++11\_scatter\_avx  
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[ 91%] Linking CXX executable c++11\_scatter\_avx  
[ 91%] Built target c++11\_scatter\_avx  
Scanning dependencies of target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_sse  
[ 92%] Building CXX object tests/CMakeFiles/c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_sse.dir/scatter.cpp.o  
[ 92%] Linking CXX executable c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_sse  
[ 92%] Built target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_sse  
Scanning dependencies of target scalaraccess\_scalar  
[ 92%] Building CXX object tests/CMakeFiles/scalaraccess\_scalar.dir/scalaraccess.cpp.o  
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Scanning dependencies of target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
[ 92%] Building CXX object  
tests/CMakeFiles/c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse.dir/scatter.cpp.o  
[ 92%] Linking CXX executable c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
[ 92%] Built target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
Scanning dependencies of target c++11\_math\_VC\_LOG\_ILP2\_avx  
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[ 94%] Linking CXX executable c++11\_math\_VC\_LOG\_ILP2\_avx  
[ 94%] Built target c++11\_math\_VC\_LOG\_ILP2\_avx  
Scanning dependencies of target c++11\_arithmetics\_avx  
[ 94%] Building CXX object tests/CMakeFiles/c++11\_arithmetics\_avx.dir/arithmetics.cpp.o  
[ 94%] Linking CXX executable c++11\_arithmetics\_avx  
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Scanning dependencies of target c++11\_math\_sse  
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Scanning dependencies of target math\_scalar  
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[ 94%] Linking CXX executable math\_scalar  
[ 94%] Built target math\_scalar  
Scanning dependencies of target scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
[ 94%] Building CXX object tests/CMakeFiles/scatter\_VC\_USE\_BSF\_SCATTERS\_avx.dir/scatter.cpp.o  
[ 94%] Linking CXX executable scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
[ 94%] Built target scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
Scanning dependencies of target c++11\_scatter\_scalar  
[ 95%] Building CXX object tests/CMakeFiles/c++11\_scatter\_scalar.dir/scatter.cpp.o  
[ 95%] Linking CXX executable c++11\_scatter\_scalar  
[ 95%] Built target c++11\_scatter\_scalar  
Scanning dependencies of target math\_sse  
[ 95%] Building CXX object tests/CMakeFiles/math\_sse.dir/math.cpp.o  
[ 97%] Linking CXX executable math\_sse  
[ 97%] Built target math\_sse

Scanning dependencies of target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
[ 97%] Building CXX object tests/CMakeFiles/c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse.dir/deinterleave.cpp.o  
[ 97%] Linking CXX executable c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
[ 97%] Built target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
Scanning dependencies of target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
[ 97%] Building CXX object tests/CMakeFiles/c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx.dir/gather.cpp.o  
[ 97%] Linking CXX executable c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
[ 97%] Built target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
Scanning dependencies of target math\_avx  
[ 98%] Building CXX object tests/CMakeFiles/math\_avx.dir/math.cpp.o  
[ 98%] Linking CXX executable math\_avx  
[ 98%] Built target math\_avx  
Scanning dependencies of target math\_VC\_LOG\_ILP\_scalar  
[ 98%] Building CXX object tests/CMakeFiles/math\_VC\_LOG\_ILP\_scalar.dir/math.cpp.o  
[ 98%] Linking CXX executable math\_VC\_LOG\_ILP\_scalar  
[ 98%] Built target math\_VC\_LOG\_ILP\_scalar  
Scanning dependencies of target c++11\_math\_scalar  
[ 98%] Building CXX object tests/CMakeFiles/c++11\_math\_scalar.dir/math.cpp.o  
[100%] Linking CXX executable c++11\_math\_scalar  
[100%] Built target c++11\_math\_scalar  
Scanning dependencies of target build\_tests  
[100%] Built target build\_tests  
[ 1%] Performing install step for 'vc'  
[ 5%] Built target Vc  
[ 9%] Built target download-testdata  
[ 9%] Built target math\_VC\_LOG\_ILP\_sse  
[ 9%] Built target linkTestLibDynamic1  
[ 9%] Built target linkTestLibStatic  
[11%] Built target linkTestLibDynamic2  
[12%] Built target linkTest  
[12%] Built target supportfunctions  
[12%] Built target sse4\_blend  
[14%] Built target sse2\_blend  
[15%] Built target c++11\_swizzles\_sse  
[15%] Built target c++11\_swizzles\_scalar  
[15%] Built target swizzles\_avx  
[16%] Built target swizzles\_scalar  
[16%] Built target c++11\_casts\_avx  
[18%] Built target c++11\_casts\_scalar  
[18%] Built target casts\_avx  
[18%] Built target casts\_sse  
[19%] Built target casts\_scalar  
[19%] Built target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
[21%] Built target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_avx  
[22%] Built target c++11\_deinterleave\_avx  
[22%] Built target swizzles\_sse  
[22%] Built target c++11\_deinterleave\_scalar  
[23%] Built target c++11\_utils\_scalar  
[25%] Built target utils\_avx  
[26%] Built target utils\_sse  
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[29%] Built target c++11\_mask\_avx

[ 29%] Built target c++11\_mask\_sse  
[ 29%] Built target mask\_avx  
[ 30%] Built target mask\_sse  
[ 30%] Built target c++11\_math\_VC\_LOG\_ILP2\_scalar  
[ 30%] Built target math\_VC\_LOG\_ILP2\_avx  
[ 30%] Built target c++11\_math\_VC\_LOG\_ILP\_scalar  
[ 30%] Built target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar  
[ 32%] Built target c++11\_store\_sse  
[ 32%] Built target c++11\_store\_scalar  
[ 32%] Built target store\_scalar  
[ 33%] Built target scatter\_avx  
[ 33%] Built target c++11\_load\_avx  
[ 35%] Built target load\_avx  
[ 35%] Built target c++11\_expandandmerge\_avx  
[ 35%] Built target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
[ 35%] Built target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
[ 35%] Built target c++11\_scalaraccess\_scalar  
[ 35%] Built target c++11\_load\_sse  
[ 36%] Built target c++11\_expandandmerge\_sse  
[ 38%] Built target c++11\_scalaraccess\_avx  
[ 38%] Built target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
[ 38%] Built target mask\_scalar  
[ 39%] Built target gather\_VC\_USE\_SET\_GATHERS\_sse  
[ 40%] Built target deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
[ 40%] Built target deinterleave\_scalar  
[ 40%] Built target expandandmerge\_avx  
[ 40%] Built target c++11\_expandandmerge\_scalar  
[ 42%] Built target math\_VC\_LOG\_ILP\_avx  
[ 43%] Built target expandandmerge\_sse  
[ 45%] Built target arithmetics\_sse  
[ 45%] Built target c++11\_gather\_scalar  
[ 45%] Built target c++11\_mask\_scalar  
[ 46%] Built target load\_sse  
[ 46%] Built target expandandmerge\_scalar  
[ 46%] Built target c++11\_implicit\_type\_conversion\_scalar  
[ 47%] Built target gather\_VC\_USE\_BSF\_GATHERS\_scalar  
[ 47%] Built target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_avx  
[ 49%] Built target implicit\_type\_conversion\_scalar  
[ 50%] Built target gather\_sse  
[ 52%] Built target scalaraccess\_sse  
[ 52%] Built target implicit\_type\_conversion\_avx  
[ 53%] Built target store\_avx  
[ 53%] Built target deinterleave\_avx  
[ 53%] Built target gather\_VC\_USE\_BSF\_GATHERS\_avx  
[ 53%] Built target c++11\_scatter\_sse  
[ 54%] Built target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
[ 56%] Built target c++11\_stlcontainer\_avx  
[ 57%] Built target scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
[ 57%] Built target memory\_scalar  
[ 57%] Built target c++11\_utils\_avx  
[ 59%] Built target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
[ 60%] Built target stlcontainer\_avx  
[ 60%] Built target c++11\_stlcontainer\_sse  
[ 60%] Built target c++11\_casts\_sse

[ 61%] Built target c++11\_store\_avx  
[ 63%] Built target gather\_VC\_USE\_SET\_GATHERS\_avx  
[ 64%] Built target store\_sse  
[ 64%] Built target c++11\_stlcontainer\_scalar  
[ 66%] Built target c++11\_load\_scalar  
[ 66%] Built target c++11\_memory\_avx  
[ 66%] Built target c++11\_gather\_VC\_USE\_SET\_GATHERS\_scalar  
[ 67%] Built target c++11\_arithmetics\_sse  
[ 69%] Built target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_scalar  
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[ 70%] Built target stlcontainer\_sse  
[ 71%] Built target c++11\_implicit\_type\_conversion\_sse  
[ 71%] Built target memory\_avx  
[ 71%] Built target c++11\_math\_VC\_LOG\_ILP\_avx  
[ 71%] Built target implicit\_type\_conversion\_sse  
[ 73%] Built target c++11\_math\_VC\_LOG\_ILP\_sse  
[ 74%] Built target c++11\_memory\_scalar  
[ 74%] Built target arithmetics\_scalar  
[ 74%] Built target c++11\_swizzles\_avx  
[ 74%] Built target c++11\_scalaraccess\_sse  
[ 76%] Built target arithmetics\_avx  
[ 76%] Built target load\_scalar  
[ 77%] Built target c++11\_math\_VC\_LOG\_ILP2\_sse  
[ 77%] Built target stlcontainer\_scalar  
[ 78%] Built target memory\_sse  
[ 78%] Built target c++11\_arithmetics\_scalar  
[ 80%] Built target scatter\_VC\_USE\_BSF\_SCATTERS\_scalar  
[ 80%] Built target gather\_scalar  
[ 81%] Built target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_scalar  
[ 81%] Built target gather\_VC\_USE\_SET\_GATHERS\_scalar  
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[ 81%] Built target gather\_avx  
[ 83%] Built target scalaraccess\_avx  
[ 83%] Built target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_scalar  
[ 83%] Built target c++11\_utils\_sse  
[ 84%] Built target c++11\_gather\_sse  
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[ 85%] Built target c++11\_gather\_VC\_USE\_BSF\_GATHERS\_sse  
[ 85%] Built target c++11\_implicit\_type\_conversion\_avx  
[ 85%] Built target gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
[ 85%] Built target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_avx  
[ 87%] Built target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_scalar  
[ 88%] Built target deinterleave\_sse  
[ 88%] Built target c++11\_math\_avx  
[ 88%] Built target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_sse  
[ 88%] Built target math\_VC\_LOG\_ILP2\_sse  
[ 88%] Built target c++11\_gather\_VC\_USE\_SET\_GATHERS\_sse  
[ 90%] Built target c++11\_gather\_VC\_USE\_SET\_GATHERS\_avx  
[ 90%] Built target scatter\_scalar  
[ 90%] Built target utils\_scalar  
[ 91%] Built target math\_VC\_LOG\_ILP2\_scalar

[ 91%] Built target c++11\_scatter\_avx  
[ 92%] Built target c++11\_scatter\_VC\_USE\_BSF\_SCATTERS\_sse  
[ 92%] Built target scalaraccess\_scalar  
[ 92%] Built target c++11\_scatter\_VC\_USE\_POPCNT\_BSF\_SCATTERS\_sse  
[ 94%] Built target c++11\_math\_VC\_LOG\_ILP2\_avx  
[ 94%] Built target c++11\_arithmetics\_avx  
[ 94%] Built target c++11\_math\_sse  
[ 94%] Built target math\_scalar  
[ 94%] Built target scatter\_VC\_USE\_BSF\_SCATTERS\_avx  
[ 95%] Built target c++11\_scatter\_scalar  
[ 97%] Built target math\_sse  
[ 97%] Built target c++11\_deinterleave\_VC\_USE\_MASKMOV\_SCATTER\_sse  
[ 97%] Built target c++11\_gather\_VC\_USE\_POPCNT\_BSF\_GATHERS\_avx  
[ 98%] Built target math\_avx  
[ 98%] Built target math\_VC\_LOG\_ILP\_scalar  
[100%] Built target c++11\_math\_scalar  
[100%] Built target build\_tests

Install the project...

-- Install configuration: "Release"  
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/libVc.a  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/Allocator  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/IO  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/Memory  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/Utils  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/Vc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/cpuid.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/double\_v  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/float\_v  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/global.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/int\_v  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/internal  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/internal/namespace.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/limits  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sfloat\_v  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/short\_v  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/support.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/uint\_v  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/ushort\_v  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/vector.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/version.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/helperimpl.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/helperimpl.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/interleavedmemory.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/limits.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/macros.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/mask.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/math.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/types.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/undomacros.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/vector.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/vector.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/scalar/writemaskedvector.h

-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse/casts.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse/const.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse/const\_data.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse/debug.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse/deinterleave.tcc  
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-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse/vector.tcc  
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-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/sse/vectorhelper.tcc  
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-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/const.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/const\_data.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/debug.h  
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-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/forceToRegisters.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/helperimpl.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/helperimpl.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/interleavedmemory.tcc  
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-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/limits.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/macros.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/mask.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/mask.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/math.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/prefetches.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/shuffle.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/sorthelper.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/types.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/undomacros.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/vector.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/vector.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/vectorhelper.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/vectorhelper.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/writemaskedvector.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/avx/writemaskedvector.tcc  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/aliasingentryhelper.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/bitscanintrinsics.h  
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/deinterleave.h



```
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/exponential.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/fix_clang_emmintrin.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/iif.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/interleavedmemory.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/logarithm.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/macros.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/memory.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/memorybase.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/memoryfwd.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/operators.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/storage.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/support.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/trigonometric.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/types.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/undomacros.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/vectortuple.h
-- Installing: /home/Panda/pandaroot/build/external/vc/include/Vc/common/windows_fix_intrin.h
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/UserWarning.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/VcMacros.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/AddCompilerFlag.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/CheckCCompilerFlag.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/CheckCXXCompilerFlag.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/VcConfig.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/VcConfigVersion.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/OptimizeForArchitecture.cmake
-- Installing: /home/Panda/pandaroot/build/external/vc/lib/cmake/Vc/FindVc.cmake
```

```
[ 1%] Completed 'vc'
```

```
[ 1%] Built target vc
```

```
[ 1%] Generating G__PndDataDict.cxx, G__PndDataDict_rdict.pcm, ../lib/libPndData.rootmap
```

```
Warning: Unused class rule: PndHypStrip
```

```
Scanning dependencies of target PndData
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/PndStack.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/PndMCTrack.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DskData/PndDskCerenkov.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DskData/PndDskParticle.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DskData/PndDskTrackPoint.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DskData/PndDskFLGHit.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DiscData/PndDiscDigitizedHit.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DiscData/PndDiscParticleMCPoint.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DiscData/PndDiscSensorMCPoint.cxx.o
```

```
[ 1%] Building CXX object pnddata/CMakeFiles/PndData.dir/DiscData/PndDiscReconResult.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DiscData/PndDiscPID.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcEVPoint.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcPDPoint.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcBarPoint.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcHit.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcPDHit.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcDigi.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcLutNode.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcLutInfo.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcTrackInfo.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcPhotonInfo.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/DrcData/PndDrcAmbiguityInfo.cxx.o
```

```
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/GemData/PndGemMCPoint.cxx.o
```

```

[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/GemData/PndGemDigi.cxx.o
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/GemData/PndGemCluster.cxx.o
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/GemData/PndGemHit.cxx.o
[ 2%] Building CXX object pnddata/CMakeFiles/PndData.dir/MdtData/PndMdtPoint.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/MdtData/PndMdtDigi.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/MdtData/PndMdtCluster.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/MdtData/PndMdtHit.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/MdtData/PndMdtTrk.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/MdtData/PndMdtID.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/SttData/PndSttGeomPoint.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/SttData/PndSttHelixHit.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/SttData/PndSttHit.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/SttData/PndSttSkewedHit.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/SttData/PndSttHitInfo.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/SttData/PndSttPoint.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/SttData/PndSttTrack.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/FtsData/PndFtsPoint.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/FtsData/PndFtsHit.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/HypData/PndHypCluster.cxx.o
[ 3%] Building CXX object pnddata/CMakeFiles/PndData.dir/HypData/PndHypDigi.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/HypData/PndHypDigiStrip.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/HypData/PndHypHit.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/HypData/PndHypHitInfo.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/HypData/PndHypPidCand.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/HypData/PndHypPoint.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsMCPoint.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsDigi.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsPixel.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsDigiPixel.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsDigiTopix4.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsDigiTopix4Header.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsStrip.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsDigiStrip.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsCluster.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsClusterPixel.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsClusterStrip.cxx.o
[ 4%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsHit.cxx.o
/home/Panda/pandaroot/source/pnddata/SdsData/PndSdsHit.cxx: In member function ~virtual void
PndSdsHit::Print(Option_t*) const:
/home/Panda/pandaroot/source/pnddata/SdsData/PndSdsHit.cxx:45:39: warning: unused parameter ~opt [-W
Wunused-parameter]
void PndSdsHit::Print(const Option_t *opt) const
      ^
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsPidCand.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsRadDamHit.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/SdsData/PndSdsDigiPixelMCInfo.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/RichData/PndRichPhoton.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/RichData/PndRichPDPoint.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/RichData/PndRichBarPoint.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/RichData/PndRichDigi.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/RichData/PndRichHit.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/RichData/PndRichPDHit.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/RichData/PndRichMirrorSegment.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/MvdData/PndMvdApvHit.cxx.o

```

```

[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/MvdData/PndMvdPidCand.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/MvdData/PndMvdRadDamHit.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/SciTData/PndSciTPoint.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/SciTData/PndSciTHit.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/TrackData/PndTrackCandHit.cxx.o
[ 5%] Building CXX object pnddata/CMakeFiles/PndData.dir/TrackData/PndTrackCand.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/TrackData/PndTrack.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/TrackData/PndSimpleTrack.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/TrackData/PndTrackID.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/PidData/PndPidCandidate.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/PidData/PndPidProbability.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/PidData/PndPidBremCorrected4Mom.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/PndPersistencyTask.cxx.o
[ 6%] Building CXX object pnddata/CMakeFiles/PndData.dir/G__PndDataDict.cxx.o
[ 6%] Linking CXX shared library ../lib/libPndData.so
[ 6%] Built target PndData
[ 6%] Generating G__FieldDict.cxx, G__FieldDict_rdict.pcm, ../lib/libField.rootmap

```

Scanning dependencies of target Field

```

[ 6%] Building CXX object field/CMakeFiles/Field.dir/PndConstField.cxx.o
[ 6%] Building CXX object field/CMakeFiles/Field.dir/PndFieldContFact.cxx.o
[ 6%] Building CXX object field/CMakeFiles/Field.dir/PndFieldMap.cxx.o
[ 6%] Building CXX object field/CMakeFiles/Field.dir/PndFieldMapData.cxx.o
[ 6%] Building CXX object field/CMakeFiles/Field.dir/PndSolenoidMap.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndFieldPar.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndFieldCreator.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndDipoleMap.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndTransMap.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndDipolePar.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndDipole1Par.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndDipole2Par.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndDipole3Par.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndTransPar.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndSolenoidPar.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndSolenoid1Par.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndSolenoid2Par.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndSolenoid3Par.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndSolenoid4Par.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndMapPar.cxx.o
[ 7%] Building CXX object field/CMakeFiles/Field.dir/PndMultiFieldPar.cxx.o

```

/home/Panda/pandaroot/source/field/PndMultiFieldPar.cxx: In member function 'void

PndMultiFieldPar::SetParameters(FairField\*)':

/home/Panda/pandaroot/source/field/PndMultiFieldPar.cxx:44:6: warning: 'sprintf' writing a terminating nul past the end of the destination [-Wformat-overflow=]

```
void PndMultiFieldPar::SetParameters(FairField *field)
```

```
~~~~~
```

/home/Panda/pandaroot/source/field/PndMultiFieldPar.cxx:77:16: note: 'sprintf' output between 2 and 12 bytes into a destination of size 1

```
    sprintf(NO, "%d", fs->GetRegionNo());
```

```
~~~~~
```

/home/Panda/pandaroot/source/field/PndMultiFieldPar.cxx:44:6: warning: 'sprintf' writing a terminating nul past the end of the destination [-Wformat-overflow=]

```
void PndMultiFieldPar::SetParameters(FairField *field)
```

```
~~~~~
```

/home/Panda/pandaroot/source/field/PndMultiFieldPar.cxx:98:16: note: 'sprintf' output between 2 and 12 bytes

into a destination of size 1

```
sprintf(NO, "%d", fd->GetRegionNo());
```

```
[ 8%] Building CXX object field/CMakeFiles/Field.dir/PndConstPar.cxx.o
[ 8%] Building CXX object field/CMakeFiles/Field.dir/PndMultiField.cxx.o
[ 8%] Building CXX object field/CMakeFiles/Field.dir/G__FieldDict.cxx.o
[ 8%] Linking CXX shared library ../lib/libField.so
[ 8%] Built target Field
[ 8%] Generating G__RhoDict.cxx, G__RhoDict_rdict.pcm, ../lib/libRho.rootmap
```

Scanning dependencies of target Rho

```
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoConstraints/RhoMassConstraint.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoConstraints/RhoPointingConstraint.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoConstraints/RhoBeamConstraint.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoEventSelectorBase.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoTools/RhoCalculationTools.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoMath/RhoDoubleErr.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoMath/RhoError.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoMath/RhoLorentzVectorErr.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoMath/RhoVector3Err.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoCandidate.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoCandList.cxx.o
[ 8%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoCandListIterator.cxx.o
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoEventInfo.cxx.o
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoFactory.cxx.o
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoTools/RhoPdtLoader.cxx.o
/home/Panda/pandaroot/source/analysis/rho/RhoTools/RhoPdtLoader.cxx: In static member function 'static stringlist RhoPdtLoader::SplitString(TString, TString)':
/home/Panda/pandaroot/source/analysis/rho/RhoTools/RhoPdtLoader.cxx:34:5: warning: this 'while' clause does not guard... [-Wmisleading-indentation]
    while (s.Contains(" "))
    ^~~~~
/home/Panda/pandaroot/source/analysis/rho/RhoTools/RhoPdtLoader.cxx:36:7: note: ...this statement, but the latter is misleadingly indented as if it were guarded by the 'while'
    delim=" ";
    ^~~~~
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoFitterBase.cxx.o
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoParticleSelectorBase.cxx.o
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoVertexSelectorBase.cxx.o
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoChargedParticleSelector.cxx.o
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoChargedParticleSelector.cxx: In member function 'virtual Bool_t RhoChargedParticleSelector::Accept(RhoCandidate&)':
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoChargedParticleSelector.cxx:32:10: warning: the compiler can assume that the address of 'b' will never be NULL [-Waddress]
    if (&b == 0) {
    ^~~~~
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoChargedParticleSelector.cxx: In member function 'virtual Bool_t RhoChargedParticleSelector::Accept(PndPidCandidate&)':
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoChargedParticleSelector.cxx:46:10: warning: the compiler can assume that the address of 'b' will never be NULL [-Waddress]
    if (&b == 0) {
    ^~~~~
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoChargedParticleSelector.cxx:46:3: warning: nonnull argument 'b' compared to NULL [-Wnonnull-compare]
    if (&b == 0) {
```

^~  
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoChargedParticleSelector.cxx: In member function  
â€˜virtual Bool\_t RhoChargedParticleSelector::Accept(RhoCandidate&)â€™:  
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoChargedParticleSelector.cxx:32:3: warning: nonnull  
argument â€˜bâ€™ compared to NULL [-Wnonnull-compare]

if (&b == 0) {  
^~

[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoEnergyParticleSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoMassParticleSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoMinusParticleSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoMomentumParticleSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoNeutralParticleSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoPlusParticleSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoSimpleElectronSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoSimpleKaonSelector.cxx.o  
[ 9%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoSimpleMuonSelector.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoSimplePionSelector.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoSimpleProtonSelector.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoSimpleVertexSelector.cxx.o  
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoSimpleVertexSelector.cxx: In member function â€˜virtual  
Bool\_t RhoSimpleVertexSelector::Accept(RhoCandidate&, RhoCandidate&)â€™:  
/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoSimpleVertexSelector.cxx:46:10: warning: the compiler  
can assume that the address of â€˜aâ€™ will never be NULL [-Waddress]

if (&a == 0 || &b == 0) {  
~~~~~

/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoSimpleVertexSelector.cxx:46:21: warning: the compiler  
can assume that the address of â€˜bâ€™ will never be NULL [-Waddress]

if (&a == 0 || &b == 0) {  
~~~~~

/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoSimpleVertexSelector.cxx:46:3: warning: nonnull  
argument â€˜aâ€™ compared to NULL [-Wnonnull-compare]

if (&a == 0 || &b == 0) {  
^~

/home/Panda/pandaroot/source/analysis/rho/RhoSelector/RhoSimpleVertexSelector.cxx:46:15: warning: nonnull  
argument â€˜bâ€™ compared to NULL [-Wnonnull-compare]

if (&a == 0 || &b == 0) {  
~~~~~

[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoGoodPhotonSelector.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoSelector/RhoGoodTrackSelector.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoTools/RhoBooster.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoEventShape.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoTools/RhoEventShapes.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoTools/RhoFindOmittedParticle.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoTools/RhoTotalMomentum.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoHistogram/RhoColumn.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoHistogram/RhoTuple.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/RhoBase/RhoConstraint.cxx.o  
[ 10%] Building CXX object analysis/rho/CMakeFiles/Rho.dir/G\_\_RhoDict.cxx.o  
[ 10%] Linking CXX shared library ../lib/libRho.so  
[ 10%] Built target Rho  
[ 10%] Generating G\_PGenTargetDict.cxx, G\_PGenTargetDict\_rdict.pcm, ../lib/libPGenTarget.rootmap  
Scanning dependencies of target PGenTarget  
[ 10%] Building CXX object pgenerators/Target/CMakeFiles/PGenTarget.dir/PndRestGas.cxx.o  
[ 10%] Building CXX object pgenerators/Target/CMakeFiles/PGenTarget.dir/PndGasGenerator.cxx.o

```
[ 10%] Building CXX object pgenerators/Target/CMakeFiles/PGenTarget.dir/PndTargetGenerator.cxx.o
[ 10%] Building CXX object pgenerators/Target/CMakeFiles/PGenTarget.dir/G__PGenTargetDict.cxx.o
[ 10%] Linking CXX shared library ../lib/libPGenTarget.so
[ 10%] Built target PGenTarget
[ 10%] Generating G__PGenDict.cxx, G__PGenDict_rdict.pcm, ../lib/libPGen.rootmap
Scanning dependencies of target PGen
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/Pythia/PndPythia6Direct.cxx.o
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/Pythia/PndPythia8Direct.cxx.o
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/particleguns/PndBoxGenerator.cxx.o
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/particleguns/PndFixStepParticleGun.cxx.o
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndDpmGenerator.cxx.o
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndFtfGenerator.cxx.o
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndEvtGenGenerator.cxx.o
[ 10%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndUrqmdSmmGenerator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndJRGenerator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndPythia6Generator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndFlukaGenerator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/FileReaders/PndHypBupGenerator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/GiBuuReader/PndGiBuuGenerator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/GiBuuReader/PndGiBuuTrack.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/GiBuuReader/PndGiBuuDecayerAbs.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/GiBuuReader/PndGiBuuJPsiEE.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/FairFilteredPrimaryGenerator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/FairEvtFilterParams.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/FairEvtFilter.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/FairEvtFilterOnSingleParticleCounts.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/PndEvtFilter.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/PndEvtFilterOnInvMassCounts.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/PndFilteredPrimaryGenerator.cxx.o
[ 11%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/PndSmpFilt.cxx.o
[ 12%] Building CXX object pgenerators/CMakeFiles/PGen.dir/eventFilter/PndSmpCand.cxx.o
[ 12%] Building CXX object pgenerators/CMakeFiles/PGen.dir/G__PGenDict.cxx.o
[ 12%] Linking CXX shared library ../lib/libPGen.so
[ 12%] Built target PGen
Scanning dependencies of target DpmEvtGen
[ 12%] Building Fortran object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/common.f.o
[ 12%] Building Fortran object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/decay.f.o
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/decay.f:10:20:
```

```
COMMON/DECAYC/ ZKNAME(533),NZK(533,3),WT(533)
```

```
1
```

```
Warning: Padding of 4 bytes required before &tilde{wt} in COMMON &tilde{decayc} at (1); reorder elements or use -fno-align-commons [-Walign-commons]
```

```
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/decay.f:15:20:
```

```
COMMON/METLSP/ IS,ITS(100000),CXS(100000),CYS(100000),CZS(100000),
```

```
1
```

```
Warning: Padding of 4 bytes required before &tilde{cxs} in COMMON &tilde{metlsp} at (1); reorder elements or use -fno-align-commons [-Walign-commons]
```

```
[ 12%] Building Fortran object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/dpm_gen.f.o
```

```
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/dpm_gen.f:1121:72:
```

```
if(Idebug.ne.0) pause
```

```
1
```

Warning: Deleted feature: PAUSE statement at (1)  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/dpm\_gen.f:1189:21:

```
COMMON /LUJETS/ N,K(1000,2),P(1000,5)  
1
```

Warning: Padding of 4 bytes required before  $\tilde{p}$  in COMMON  $\tilde{lujets}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/dpm\_gen.f:1130:21:

```
COMMON /LUJETS/ N,K(1000,2),P(1000,5)  
1
```

Warning: Padding of 4 bytes required before  $\tilde{p}$  in COMMON  $\tilde{lujets}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/dpm\_gen.f:6:21:

```
COMMON /LUJETS/ N,K(1000,2),P(1000,5)  
1
```

Warning: Padding of 4 bytes required before  $\tilde{p}$  in COMMON  $\tilde{lujets}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
[ 12%] Building Fortran object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/init.f.o  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/init.f:542:20:

```
COMMON/DECAYC/ZKNAM1(87),ZKNAM2(59),ZKNAM3(105),ZKNAM4(79),  
1
```

Warning: Padding of 4 bytes required before  $\tilde{w}$  in COMMON  $\tilde{decayc}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/init.f:370:20:

```
COMMON/DECAYC/ZKNAME(533),NZK(533,3),WT(533)  
1
```

Warning: Padding of 4 bytes required before  $\tilde{w}$  in COMMON  $\tilde{decayc}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/init.f:365:20:

```
COMMON/INPDAT/IMPS(6,6),IMVE(6,6),IB08(6,21),IB10(6,21),  
1
```

Warning: Padding of 4 bytes required before  $\tilde{\beta}$  in COMMON  $\tilde{inpd}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/init.f:984:20:

```
COMMON/DECAYC/ZKNAME(533),NZK(533,3),WT(533)  
1
```

Warning: Padding of 4 bytes required before  $\tilde{w}$  in COMMON  $\tilde{decayc}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/init.f:989:20:

```
COMMON/FINLSP/IR,ITR(100),CXR(100),CYR(100),CZR(100),ELR(100),  
1
```

Warning: Padding of 4 bytes required before  $\tilde{c}$  in COMMON  $\tilde{finlsp}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]  
/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/init.f:987:20:

```
COMMON/METLSP/ IS,ITS(100000),CXS(100000),CYS(100000),CZS(100000),  
1
```

Warning: Padding of 4 bytes required before  $\tilde{\text{cxs}}$  in COMMON  $\tilde{\text{metlsp}}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]

[ 12%] Building Fortran object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/rndmget.f.o

[ 12%] Building Fortran object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/string.f.o

/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/string.f:1268:20:

```
COMMON/INPDAT/IMPS(6,6),IMVE(6,6),IB08(6,21),IB10(6,21),
```

1

Warning: Padding of 4 bytes required before  $\tilde{\text{bet}}$  in COMMON  $\tilde{\text{inpdta}}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]

/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/string.f:1311:20:

```
COMMON/INPDAT/IMPS(6,6),IMVE(6,6),IB08(6,21),IB10(6,21),
```

1

Warning: Padding of 4 bytes required before  $\tilde{\text{bet}}$  in COMMON  $\tilde{\text{inpdta}}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]

/home/Panda/pandaroot/source/pgenerators/DpmEvtGen/string.f:14:20:

```
COMMON/INPDAT/IMPS(6,6),IMVE(6,6),IB08(6,21),IB10(6,21),
```

1

Warning: Padding of 4 bytes required before  $\tilde{\text{bet}}$  in COMMON  $\tilde{\text{inpdta}}$  at (1); reorder elements or use -fno-align-commons [-Walign-commons]

[ 12%] Linking Fortran shared library ../../lib/libDpmEvtGen.so

[ 12%] Built target DpmEvtGen

Scanning dependencies of target DpmEvtGen\_exe

[ 12%] Building CXX object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen\_exe.dir/main.cc.o

[ 12%] Linking CXX executable ../../bin/DPMGen

[ 12%] Built target DpmEvtGen\_exe

Scanning dependencies of target FtfEvtGen

[ 12%] Building CXX object pgenerators/FtfEvtGen/CMakeFiles/FtfEvtGen.dir/G4DecKineticTracks.cxx.o

[ 12%] Building CXX object pgenerators/FtfEvtGen/CMakeFiles/FtfEvtGen.dir/Test30HadronProduction.cxx.o

[ 12%] Building CXX object pgenerators/FtfEvtGen/CMakeFiles/FtfEvtGen.dir/Test30Material.cxx.o

[ 12%] Building CXX object pgenerators/FtfEvtGen/CMakeFiles/FtfEvtGen.dir/Test30Physics.cxx.o

[ 12%] Building CXX object pgenerators/FtfEvtGen/CMakeFiles/FtfEvtGen.dir/Test30VSecondaryGenerator.cxx.o

[ 12%] Linking CXX shared library ../../lib/libFtfEvtGen.so

[ 12%] Built target FtfEvtGen

Scanning dependencies of target FtfEvtGen\_exe

[ 12%] Building CXX object pgenerators/FtfEvtGen/CMakeFiles/FtfEvtGen\_exe.dir/main.cc.o

[ 12%] Linking CXX executable ../../bin/FTFGen

[ 12%] Built target FtfEvtGen\_exe

[ 12%] Generating G\_\_FtfGenDirectDict.cxx, G\_\_FtfGenDirectDict\_rdict.pcm, ../../lib/libFtfGenDirect.rootmap

Scanning dependencies of target FtfGenDirect

[ 12%] Building CXX object pgenerators/Direct/CMakeFiles/FtfGenDirect.dir/PndDpmDirect.cxx.o

[ 12%] Building CXX object pgenerators/Direct/CMakeFiles/FtfGenDirect.dir/PndFtfDirect.cxx.o

[ 12%] Building CXX object pgenerators/Direct/CMakeFiles/FtfGenDirect.dir/PndG4DummyPhysicsList.cxx.o

[ 12%] Building CXX object

pgenerators/Direct/CMakeFiles/FtfGenDirect.dir/PndG4DummyDetectorConstruction.cxx.o

[ 13%] Building CXX object pgenerators/Direct/CMakeFiles/FtfGenDirect.dir/PndG4DummyActionInitialization.cxx.o

[ 13%] Building CXX object pgenerators/Direct/CMakeFiles/FtfGenDirect.dir/G\_\_FtfGenDirectDict.cxx.o

[ 13%] Linking CXX shared library ../../lib/libFtfGenDirect.so

[ 13%] Built target FtfGenDirect

Scanning dependencies of target PhotosFortran

[ 13%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosFortranInterfaces/PH\_HEPEVT\_Inter



face.cxx.o

[ 13%] Building Fortran object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosFortranInterfaces/forW-ME.f.o

[ 13%] Building Fortran object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosFortranInterfaces/forZ-ME.f.o

[ 13%] Building Fortran object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosFortranInterfaces/Photos\_make.f.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosCInterfaces/PhotosParticle.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosCInterfaces/PhotosBranch.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosCInterfaces/Photos.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosCInterfaces/PhotosEvent.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/utilities/Log.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/utilities/PhotosRandom.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/eventRecordInterfaces/PhotosHEPEVTEvent.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/eventRecordInterfaces/PhotosHepMCEvent.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/eventRecordInterfaces/PhotosHEPEVTParticle.cxx.o

[ 14%] Building CXX object

pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/eventRecordInterfaces/PhotosHepMCParticle.cxx.o

[ 14%] Building Fortran object pgenerators/EvtGen/Photos/CMakeFiles/PhotosFortran.dir/Photos.3.52/src/photosfortran/photos.f.o

[ 14%] Linking CXX shared library ../../lib/libPhotosFortran.so

[ 14%] Built target PhotosFortran

Scanning dependencies of target EvtGen

[ 14%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGen.cpp.o

[ 14%] Building CXX object

pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtPpbarGammaGamma.cpp.o

[ 14%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtPpbarPi0Gamma.cpp.o

[ 14%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtElectronPositron.cpp.o

[ 14%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtDeuteronSpectator.cpp.o

[ 14%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtDeuteronResonance.cpp.o

[ 14%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtNucleusSpectator.cpp.o

[ 14%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtPpbarEtaGamma.cpp.o

[ 15%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtLambdaLambdaBar.cpp.o

[ 15%] Building CXX object

pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtLambdaLambdaBarPol.cpp.o

[ 15%] Building CXX object

pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtLambdaLambdaBarHE.cpp.o

[ 15%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtLambdaSigmaBar.cpp.o

/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtLambdaSigmaBar.cpp: In member function

virtual void EvtLambdaSigmaBar::decay(EvtParticle\*):

/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtLambdaSigmaBar.cpp:100:10: warning:

declaration of `probmax` shadows a member of `EvtLambdaSigmaBar` [-Wshadow]

```
double probmax = exp(-_b*fabs(t0));
```

In file included from `/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenBase/EvtDecayProb.hh:24:0`,

from

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtGenModels/EvtLambdaSigmaBar.hh:14`,

from `/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtLambdaSigmaBar.cpp:20`:

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenBase/EvtDecayBase.hh:137:10`: note:

shadowed declaration is here

```
double probmax;
```

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtLambdaSigmaBar.cpp:65:22`: warning: variable `LambdaID` set but not used [-Wunused-but-set-variable]

```
static const EvtId LambdaID = EvtPDL::getId("Lambda0");
```

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtLambdaSigmaBar.cpp:66:22`: warning: variable `SigmaID` set but not used [-Wunused-but-set-variable]

```
static const EvtId SigmaID = EvtPDL::getId("Sigma0");
```

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtLambdaSigmaBar.cpp:67:16`: warning: unused variable `mp0` [-Wunused-variable]

```
const double mp0 = 0.938272;
```

[ 15%] Building CXX object

`pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtHyperonHyperonBar.cpp.o`

In file included from

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtHyperonHyperonBar.cpp:20:0`:

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtGenModels/EvtHyperonHyperonBar.hh`: In constructor `EvtHyperonHyperonBar::EvtHyperonHyperonBar()`:

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtGenModels/EvtHyperonHyperonBar.hh:34:10`: warning: `EvtHyperonHyperonBar::_d` will be initialized after [-Wreorder]

```
double _d;
```

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtGenModels/EvtHyperonHyperonBar.hh:30:10`: warning: `double EvtHyperonHyperonBar::_pbeam` [-Wreorder]

```
double _pbeam;
```

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtHyperonHyperonBar.cpp:27:1`: warning: when initialized here [-Wreorder]

```
EvtHyperonHyperonBar::EvtHyperonHyperonBar() : EvtDecayProb(), _a(10.4), _b(13.3), _c(10.6), _d(2.6),  
_pbeam(6.)
```

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtHyperonHyperonBar.cpp`: In member function `virtual void EvtHyperonHyperonBar::decay(EvtParticle*)`:

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtHyperonHyperonBar.cpp:69:15`: warning: unused variable `mp0` [-Wunused-variable]

```
const double mp0 = 0.938272;
```

[ 15%] Building CXX object `pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtSigmaDalitz.cpp.o`

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtSigmaDalitz.cpp`: In member function `virtual void EvtSigmaDalitz::decay(EvtParticle*)`:

`/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtSigmaDalitz.cpp:96:14`: warning: variable `sigp4` set but not used [-Wunused-but-set-variable]

```
EvtVector4R sigp4 = p->getP4();
```

```
^~~~~  
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtSigmaDalitz.cpp:111:9: warning: unused  
variable 'GE' [-Wunused-variable]
```

```
double GE = 0. + _bGE*s;
```

```
^~  
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/Private/EvtSigmaDalitz.cpp:112:9: warning: unused  
variable 'GM' [-Wunused-variable]
```

```
double GM = 1.98 + _bGM*s;
```

```
^~  
[ 15%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/Private/EvtDsDalitz.cpp.o  
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/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenModels/EvtLambdaB2LambdaV.cpp: In member function 'virtual void EvtLambda2PPiForLambdaB2LambdaV::init()'â€™:
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenModels/EvtLambdaB2LambdaV.cpp:590:5: warning: this 'else'â€™ clause does not guard... [-W misleading-indentation]
    else report(EVT_DEBUG,fname.c_str())<<" From : anti-Lambda_b0 -> anti-Lambda rho-omega-mixing"
<<std::endl;  abort();
    ^~~~~
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenModels/EvtLambdaB2LambdaV.cpp:590:115: note: ...this statement, but the latter is misleadingly indented as if it were guarded by the 'else'â€™
c_str())<<" From : anti-Lambda_b0 -> anti-Lambda rho-omega-mixing"<<std::endl;  abort();
    ^~~~~
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenModels/EvtLambdaB2LambdaV.cpp: In member function 'virtual void EvtV2VpVmForLambdaB2LambdaV::init()'â€™:
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenModels/EvtLambdaB2LambdaV.cpp:989:7: warning: this 'if'â€™ clause does not guard... [-W misleading-indentation]
    if (Vtype==VID::RHO_OMEGA_MIXING)
    ^~

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/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenModels/EvtLambdaB2LambdaV.cpp:990:129: note: ...this statement, but the latter is misleadingly indented as if it were guarded by the  $\text{if}$  statement
) << " Decay mode successfully initialized : rho-omega mixing -> pi+ pi- " << std::endl; break;
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[ 31%] Building Fortran object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtLi2Spence.F.o  
[ 31%] Building Fortran object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtBTto3piMPP.F.o  
[ 31%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtBcVNpi.cpp.o  
[ 31%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtBcVMuNu.cpp.o  
[ 31%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtXPsiGamma.cpp.o  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtD0gammaDalitz.cpp.o  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtTVP.cpp.o  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtSVP.cpp.o  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtEta2MuMuGamma.cpp.o  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtBCVFF.cpp.o  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGen.dir/R01-03-00/src/EvtGenModels/EvtWnPi.cpp.o  
[ 32%] Linking CXX shared library ../../lib/libEvtGen.so  
[ 32%] Built target EvtGen  
Scanning dependencies of target EvtGenExternal  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtPythiaEngine.cpp.o  
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtExternalGenList.cpp.o

```

[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtPHOTOS.cpp.o
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtPythia6CommandConverter.cpp.o
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythia6CommandConverter.cpp: In function 'std::vector<std::basic_string<char> > convertPythia6Command(Command)&':
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythia6CommandConverter.cpp:92:37: warning: this statement may fall through [-Wimplicit-fallthrough=]
    commandStrings.push_back("BoseEinstein:Eta = on");
    ~~~~~^~~~~~
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythia6CommandConverter.cpp:93:11: note: here
    case 7:
    ^~~~
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythia6CommandConverter.cpp:94:37: warning: this statement may fall through [-Wimplicit-fallthrough=]
    commandStrings.push_back("BoseEinstein:Kaon = on");
    ~~~~~^~~~~~
/home/Panda/pandaroot/source/pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythia6CommandConverter.cpp:95:11: note: here
    case 3:
    ^~~~
[ 32%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtPythia.cpp.o
[ 33%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtPhotosEngine.cpp.o
[ 33%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtTauolaEngine.cpp.o
[ 33%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtExternalGenFactory.cpp.o
[ 33%] Building CXX object pgenerators/EvtGen/EvtGen/CMakeFiles/EvtGenExternal.dir/R01-03-00/src/EvtGenExternal/EvtTauola.cpp.o
[ 33%] Linking CXX shared library ../../lib/libEvtGenExternal.so
[ 33%] Built target EvtGenExternal
[ 33%] Generating G__EvtGenDirectDict.cxx, G__EvtGenDirectDict_rdict.pcm, ../../lib/libEvtGenDirect.rootmap
Scanning dependencies of target EvtGenDirect
[ 33%] Building CXX object pgenerators/EvtGen/EvtGenDirect/CMakeFiles/EvtGenDirect.dir/PndEvtGenDirect.cxx.o
[ 33%] Building CXX object
pgenerators/EvtGen/EvtGenDirect/CMakeFiles/EvtGenDirect.dir/G__EvtGenDirectDict.cxx.o
[ 33%] Linking CXX shared library ../../lib/libEvtGenDirect.so
[ 33%] Built target EvtGenDirect
Scanning dependencies of target EvtGen_exe_simpleEvtGenRO
[ 33%] Building CXX object
pgenerators/EvtGen/Standalone/CMakeFiles/EvtGen_exe_simpleEvtGenRO.dir/simpleEvtGenRO.cc.o
[ 33%] Linking CXX executable ../../bin/simpleEvtGenRO
[ 33%] Built target EvtGen_exe_simpleEvtGenRO
Scanning dependencies of target EvtGen_exe_pandaEvtGen
[ 33%] Building CXX object
pgenerators/EvtGen/Standalone/CMakeFiles/EvtGen_exe_pandaEvtGen.dir/pandaEvtGen.cc.o
[ 33%] Linking CXX executable ../../bin/pandaEvtGen
[ 33%] Built target EvtGen_exe_pandaEvtGen

```

Scanning dependencies of target EvtGen\_exe\_simpleEvtGen

[ 33%] Building CXX object

pgenerators/EvtGen/Standalone/CMakeFiles/EvtGen\_exe\_simpleEvtGen.dir/simpleEvtGen.cc.o

[ 33%] Linking CXX executable ../../bin/simpleEvtGen

[ 33%] Built target EvtGen\_exe\_simpleEvtGen

[ 33%] Generating G\_\_CHIGENDict.cxx, G\_\_CHIGENDict\_rdict.pcm, ../../lib/libCHIGEN.rootmap

Warning in <Unimplemented pragma statement - it has no effect: %s

>: nestedfunction at /home/Panda/pandaroot/source/pgenerators/chigen/CHIGENLinkDef.h:9:32

Warning: Unused class rule: chigen::ChiGen

Warning: Unused class rule: chigen::PndChiGenExclusive

Warning: Unused class rule: chigen::PndChiGen

Warning: Unused class rule: chigen::PythiaChiGen

Warning: Unused class rule: chigen::models::chi\_2\_2

Warning: Unused class rule: chigen::models::chi\_2\_1

Warning: Unused class rule: chigen::models::chi\_2\_0

Warning: Unused class rule: chigen::models::chi\_2

Warning: Unused class rule: chigen::models::x3872\_1

Warning: Unused class rule: chigen::models::chi\_1\_1

Warning: Unused class rule: chigen::models::x3872\_0

Warning: Unused class rule: chigen::models::chi\_1\_0

Warning: Unused class rule: chigen::models::x3872

Warning: Unused class rule: chigen::models::chi\_1

Warning: Unused class rule: chigen::models::ColorSingletPartonicModel

Warning: Unused class rule: chigen::PartonicModel

Warning: Unused class rule: chigen::models

Warning: Unused class rule: chigen::pythia

Warning: Unused class rule: chigen::ostreams

Warning: Unused class rule: chigen::evtgen

Warning: Unused class rule: chigen::random

Warning: Unused class rule: chigen

Scanning dependencies of target CHIGEN

[ 33%] Building CXX object pgenerators/chigen/CMakeFiles/CHIGEN.dir/G\_\_CHIGENDict.cxx.o

[ 33%] Linking CXX shared library ../../lib/libCHIGEN.so

[ 33%] Built target CHIGEN

[ 33%] Generating G\_\_EMFFGENDict.cxx, G\_\_EMFFGENDict\_rdict.pcm, ../../lib/libEMFFGEN.rootmap

Scanning dependencies of target EMFFGEN

[ 33%] Building CXX object pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/mzfunctions.cxx.o

[ 33%] Building CXX object

pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/mzfunctions\_pp\_to\_pipi\_vandewi.cxx.o

[ 33%] Building CXX object

pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/mzfunctions\_pp\_to\_lelep\_vandewi.cxx.o

[ 33%] Building CXX object pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/ranlxd.cxx.o

[ 33%] Building CXX object pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/ranlxs.cxx.o

[ 33%] Building CXX object pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/PndPiPiGenerator.cxx.o

[ 34%] Building CXX object pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/PndLepLepGenerator.cxx.o

[ 34%] Building CXX object pgenerators/EMFFgenerators/CMakeFiles/EMFFGEN.dir/G\_\_EMFFGENDict.cxx.o

[ 34%] Linking CXX shared library ../../lib/libEMFFGEN.so

[ 34%] Built target EMFFGEN

[ 34%] Generating G\_\_PassiveDict.cxx, G\_\_PassiveDict\_rdict.pcm, ../../lib/libPassive.rootmap

Scanning dependencies of target Passive

[ 34%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndCave.cxx.o

[ 34%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndGeoCave.cxx.o

[ 34%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndGeoMagnet.cxx.o

[ 34%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndGeoPassivePar.cxx.o

```

[ 34%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndGeoPipe.cxx.o
[ 34%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndGeoTarget.cxx.o
[ 34%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndMagnet.cxx.o
[ 35%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndPassiveContFact.cxx.o
[ 35%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndPipe.cxx.o
[ 35%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/PndTarget.cxx.o
[ 35%] Building CXX object detectors/passive/CMakeFiles/Passive.dir/G__PassiveDict.cxx.o
[ 35%] Linking CXX shared library ../../lib/libPassive.so
[ 35%] Built target Passive
[ 35%] Generating G__generalToolsDict.cxx, G__generalToolsDict_rdict.pcm, ../../lib/libgeneralTools.rootmap
Scanning dependencies of target generalTools
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndFileNameCreator.cxx.o
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndStringSeparator.cxx.o
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndGeoHandling.cxx.o
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndMcCloner.cxx.o
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndMcCloner2.cxx.o
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndSensorNameContFact.cxx.o
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndSensorNamePar.cxx.o
[ 35%] Building CXX object tools/CMakeFiles/generalTools.dir/PndBlackBoxTask.cxx.o
[ 36%] Building CXX object tools/CMakeFiles/generalTools.dir/PndEventCounterTask.cxx.o
[ 36%] Building CXX object tools/CMakeFiles/generalTools.dir/G__generalToolsDict.cxx.o
[ 36%] Linking CXX shared library ../lib/libgeneralTools.so
[ 36%] Built target generalTools
[ 36%] Generating G__SttDict.cxx, G__SttDict_rdict.pcm, ../../lib/libStt.rootmap
Scanning dependencies of target Stt
[ 36%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttMatchTracks.cxx.o
[ 36%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndGeoStt.cxx.o
[ 36%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndStt.cxx.o
/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx: In member function 'virtual Bool_t
PndStt::ProcessHits(FairVolume*)':
/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:139:40: warning: unused parameter 'vol' [-Wunused-
parameter]
    Bool_t PndStt::ProcessHits(FairVolume *vol)
                                ^~~~

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx: In member function 'virtual void
PndStt::ConstructGeometry()':
/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:345:14: warning: declaration of 'fRun' shadows a
previous local [-Wshadow]
    FairRun *fRun = FairRun::Instance();
    ^~~~~

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:314:12: note: shadowed declaration is here
    FairRun *fRun = FairRun::Instance();
    ^~~~~

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:346:20: warning: declaration of 'rtddb' shadows a previous
local [-Wshadow]
    FairRuntimeDb *rtddb = FairRun::Instance()->GetRuntimeDb();
    ^~~~~

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:315:18: note: shadowed declaration is here
    FairRuntimeDb *rtddb = FairRun::Instance()->GetRuntimeDb();
    ^~~~~

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:347:19: warning: declaration of 'par' shadows a previous
local [-Wshadow]
    PndGeoSttPar *par = (PndGeoSttPar *) (rtddb->getContainer("PndGeoSttPar"));
    ^~~~~

```



/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:316:17: note: shadowed declaration is here  
PndGeoSttPar \*par = (PndGeoSttPar \*) (rtdb->getContainer("PndGeoSttPar"));

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:355:37: warning: declaration of ~mapper™ shadows a previous local [-Wshadow]  
PndSttMapCreator mapper(fGeoType);

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:317:20: note: shadowed declaration is here  
PndSttMapCreator mapper(fGeoType);

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:356:9: warning: declaration of ~tubecounter™ shadows a previous local [-Wshadow]  
int tubecounter = mapper.FillSttTubeParameters(par, volList);

/home/Panda/pandaroot/source/detectors/stt/PndStt.cxx:318:7: note: shadowed declaration is here  
int tubecounter = 0;

- [ 36%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndGeoSttPar.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttContFact.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttDigiPar.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttParRootFileIo.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttParAsciiFileIo.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTrackFinder.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttFindTracks.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTrackFinderIdeal.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTrackFitter.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttFitTracks.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTrackMatch.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHitProducerIdeal.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttSingleStraw.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHelixTrackFitter.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTrackFitterQATask.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHitProducerRealFast.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHitProducerRealFull.cxx.o
- [ 37%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHelixHitProducer.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttMapCreator.cxx.o

/home/Panda/pandaroot/source/detectors/stt/PndSttMapCreator.cxx: In member function ~Int\_t PndSttMapCreator::GetTubeIDFromNameGeoType2(TString)™:

/home/Panda/pandaroot/source/detectors/stt/PndSttMapCreator.cxx:462:66: warning: no return statement in function returning non-void [-Wreturn-type]

Int\_t PndSttMapCreator::GetTubeIDFromNameGeoType2(TString name) {}

/home/Panda/pandaroot/source/detectors/stt/PndSttMapCreator.cxx:462:59: warning: unused parameter ~name™ [-Wunused-parameter]

Int\_t PndSttMapCreator::GetTubeIDFromNameGeoType2(TString name) {}

- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttGeometryMap.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTube.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeParameters.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttSignalOverlap.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHitWriteoutBuffer.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHitRingSorter.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttHitSorterTask.cxx.o
- [ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttStrawMap.cxx.o

```

[ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttFullTCAProducer.cxx.o
[ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeIdMap.cxx.o
In file included from /home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.cxx:8:0:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function 'int
PndSttTubeIdMap::GetTubeIdFlat(int)'TM:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and
unsigned integer expressions [-Wsign-compare]
    if (index < fFlatTubeMap.size())
        ~~~~~^~~~~~
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.cxx: In member function 'void
PndSttTubeIdMap::AddTube(int, int, int)'TM:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.cxx:43:16: warning: comparison between signed and
unsigned integer expressions [-Wsign-compare]
    if (!(sector < fTubeMap.size())) {
        ~~~~~^~~~~~
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.cxx:46:13: warning: comparison between signed and
unsigned integer expressions [-Wsign-compare]
    if (!(row < fTubeMap[sector].size())) {
        ~~~~~^~~~~~
[ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeIdMapCreatorAbs.cxx.o
In file included from /home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMapCreatorAbs.cxx:8:0:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function 'int
PndSttTubeIdMap::GetTubeIdFlat(int)'TM:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and
unsigned integer expressions [-Wsign-compare]
    if (index < fFlatTubeMap.size())
        ~~~~~^~~~~~
[ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeIdMapCreatorRoot.cxx.o
In file included from /home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMapCreatorRoot.cxx:8:0:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function 'int
PndSttTubeIdMap::GetTubeIdFlat(int)'TM:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and
unsigned integer expressions [-Wsign-compare]
    if (index < fFlatTubeMap.size())
        ~~~~~^~~~~~
[ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttRootGeometryInitTask.cxx.o
In file included from /home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMapCreatorRoot.h:12:0,
    from /home/Panda/pandaroot/source/detectors/stt/PndSttRootGeometryInitTask.cxx:12:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function 'int
PndSttTubeIdMap::GetTubeIdFlat(int)'TM:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and
unsigned integer expressions [-Wsign-compare]
    if (index < fFlatTubeMap.size())
        ~~~~~^~~~~~
/home/Panda/pandaroot/source/detectors/stt/PndSttRootGeometryInitTask.cxx: In member function 'virtual void
PndSttRootGeometryInitTask::Exec(Option_t*)'TM:
/home/Panda/pandaroot/source/detectors/stt/PndSttRootGeometryInitTask.cxx:41:49: warning: unused parameter
'opt'TM [-Wunused-parameter]
void PndSttRootGeometryInitTask::Exec(Option_t *opt)
    ~~~~~^
[ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeCreator.cxx.o
In file included from /home/Panda/pandaroot/source/detectors/stt/PndSttTubeCreator.cxx:9:0:
/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function 'int
PndSttTubeIdMap::GetTubeIdFlat(int)'TM:

```

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and unsigned integer expressions [-Wsign-compare]

```
if (index < fFlatTubeMap.size())
```

[ 38%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeMap.cxx.o

[ 39%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeMapCreatorAbs.cxx.o

[ 39%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttTubeMapCreatorRoot.cxx.o

In file included from /home/Panda/pandaroot/source/detectors/stt/PndSttTubeMapCreatorRoot.cxx:8:0:

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function  $\hat{\sim}$ int

PndSttTubeIdMap::GetTubeIdFlat(int) $\hat{\sim}$ TM:

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and unsigned integer expressions [-Wsign-compare]

```
if (index < fFlatTubeMap.size())
```

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeMapCreatorRoot.cxx: In member function  $\hat{\sim}$ virtual

PndSttTubeMap\* PndSttTubeMapCreatorRoot::CreateTubeMap() $\hat{\sim}$ TM:

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeMapCreatorRoot.cxx:43:25: warning: comparison between signed and unsigned integer expressions [-Wsign-compare]

```
for (int j = 0; j < vecRow.size(); j++) {
```

[ 39%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/PndSttNeighborhoodCreator.cxx.o

In file included from /home/Panda/pandaroot/source/detectors/stt/PndSttNeighborhoodCreator.cxx:10:0:

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function  $\hat{\sim}$ int

PndSttTubeIdMap::GetTubeIdFlat(int) $\hat{\sim}$ TM:

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and unsigned integer expressions [-Wsign-compare]

```
if (index < fFlatTubeMap.size())
```

[ 39%] Building CXX object detectors/stt/CMakeFiles/Stt.dir/G\_\_SttDict.cxx.o

In file included from /home/Panda/pandaroot/build/detectors/stt/G\_\_SttDict.cxx:72:0:

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h: In member function  $\hat{\sim}$ int

PndSttTubeIdMap::GetTubeIdFlat(int) $\hat{\sim}$ TM:

/home/Panda/pandaroot/source/detectors/stt/PndSttTubeIdMap.h:34:15: warning: comparison between signed and unsigned integer expressions [-Wsign-compare]

```
if (index < fFlatTubeMap.size())
```

[ 39%] Linking CXX shared library ../../lib/libStt.so

[ 39%] Built target Stt

[ 39%] Generating G\_\_SdsDict.cxx, G\_\_SdsDict\_rdict.pcm, ../../lib/libSds.rootmap

Scanning dependencies of target Sds

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/PndSdsTask.cxx.o

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsCalcFePixel.cxx.o

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsCalcPixel.cxx.o

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsCalcPixelDif.cxx.o

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsCalcStrip.cxx.o

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsHybridHitProducer.cxx.o

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsStripHitProducer.cxx.o

[ 39%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsHitProducerIdeal.cxx.o

[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsNoiseProducer.cxx.o

[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsChargeConversion.cxx.o

[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsIdealChargeConversion.cxx.o

[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsTotChargeConversion.cxx.o

[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsAdcChargeConversion.cxx.o

[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsDigiPixelWriteoutBuffer.cxx.o

```

[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsDigiPixelSorterTask.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsDigiPixelRingSorter.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsDigiStripWriteoutBuffer.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsDigiStripSorterTask.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsDigi/PndSdsDigiStripRingSorter.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsFEModel/PndSdsFE.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsFEModel/PndSdsFESimple.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsFEModel/PndSdsFEampModelSimple.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsMC/PndSdsDetector.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsMC/PndSdsGeo.cxx.o
[ 40%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsMC/PndSdsGeoPar.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsTools/PndSdsPixelDigiPar.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsTools/PndSdsStripDigiPar.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/SdsTools/PndSdsTotDigiPar.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/Sds.dir/G__SdsDict.cxx.o
[ 41%] Linking CXX shared library ../../lib/libSds.so
[ 41%] Built target Sds
[ 41%] Generating G__SdsRecoDict.cxx, G__SdsRecoDict_rdict.pcm, ../../lib/libSdsReco.rootmap
Scanning dependencies of target SdsReco
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsPixelClusterFinder.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsSimplePixelClusterFinder.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsIdealPixelClusterFinder.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsPixelClusterTask.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsIdealClusterTask.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsPixelBackMapping.cxx.o
[ 41%] Building CXX object
detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsChargeWeightedPixelMapping.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsStripClusterer.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsSimpleStripClusterFinder.cxx.o
[ 41%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsStripAdvClusterFinder.cxx.o
[ 42%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsStripClusterTask.cxx.o
[ 42%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsIdealRecoTask.cxx.o
[ 42%] Building CXX object
detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsChargeWeightingAlgorithms.cxx.o
[ 42%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsTimeWalkCorr.cxx.o
[ 42%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsTimeWalkCorrSimple.cxx.o
[ 42%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsTimeWalkCorrTask.cxx.o
[ 42%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/SdsReco/PndSdsStripCorrelator.cxx.o
[ 42%] Building CXX object detectors/sds/CMakeFiles/SdsReco.dir/G__SdsRecoDict.cxx.o
[ 42%] Linking CXX shared library ../../lib/libSdsReco.so
[ 42%] Built target SdsReco
[ 42%] Generating G__MvdDict.cxx, G__MvdDict_rdict.pcm, ../../lib/libMvd.rootmap
Scanning dependencies of target Mvd
[ 42%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdContFact.cxx.o
[ 42%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdAccessRTDBTask.cxx.o
[ 42%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdTools/PndGeoHitList.cxx.o
[ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdTools/PndEventDisplay.cxx.o
[ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdMSAnaTask.cxx.o
/home/Panda/pandaroot/source/detectors/mvd/MvdTools/PndMvdMSAnaTask.cxx: In member function ~virtual void
PndMvdMSAnaTask::Exec(Option_t*)~:
/home/Panda/pandaroot/source/detectors/mvd/MvdTools/PndMvdMSAnaTask.cxx:128:46: warning: ~bool
FairGeanePro::PropagateFromPlane(const TVector3&, const TVector3&)~ is deprecated: Function
PropagateFromPlane deprecated, use SetOriginPlane. [-Wdeprecated-declarations]
    fPro->PropagateFromPlane(StartU, StartV);

```

^

In file included from /home/Panda/pandaroot/source/detectors/mvd/MvdTools/PndMvdMSAnaTask.h:18:0,  
from /home/Panda/pandaroot/source/detectors/mvd/MvdTools/PndMvdMSAnaTask.cxx:15:  
/home/Panda/FairRoot-v18.6/install/include/FairGeanePro.h:74:101: note: declared here  
precatd("Function PropagateFromPlane deprecated, use SetOriginPlane.")) bool PropagateFromPlane(  
^

/home/Panda/pandaroot/source/detectors/mvd/MvdTools/PndMvdMSAnaTask.cxx:173:39: warning: ~bool  
FairGeanePro::PropagateToPlane(const TVector3&, const TVector3&, const TVector3&)~™ is deprecated: Function  
PropagateToPlane deprecated, use SetDestinationPlane. [-Wdeprecated-declarations]  
fPro->PropagateToPlane(o, u, v);  
^

In file included from /home/Panda/pandaroot/source/detectors/mvd/MvdTools/PndMvdMSAnaTask.h:18:0,  
from /home/Panda/pandaroot/source/detectors/mvd/MvdTools/PndMvdMSAnaTask.cxx:15:  
/home/Panda/FairRoot-v18.6/install/include/FairGeanePro.h:73:9: note: declared here  
PropagateToPlane(const TVector3& v0, const TVector3& v1, const TVector3& v2);  
^

- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdMC/PndMvdDetector.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdHybridHitProducer.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdStripHitProducer.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdHitProducerIdeal.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdDigiTask.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdNoiseProducer.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdSiHit.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdTdcData.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdQdcData.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdTsEvent.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdConvertApv.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdBoxMap.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdConvertApvTask.cxx.o
- [ 43%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdCreateDefaultApvMap.cxx.o
- [ 44%] Building CXX object  
detectors/mvd/CMakeFiles/Mvd.dir/MvdOfflineTBAAnalysis\_Topix4/PndHammingDecoder.cxx.o
- [ 44%] Building CXX object  
detectors/mvd/CMakeFiles/Mvd.dir/MvdOfflineTBAAnalysis\_Topix4/PndCRCCalculator.cxx.o
- [ 44%] Building CXX object detectors/mvd/CMakeFiles/Mvd.dir/G\_\_MvdDict.cxx.o
- [ 44%] Linking CXX shared library ../../lib/libMvd.so
- [ 44%] Built target Mvd
- [ 44%] Generating G\_\_GemDict.cxx, G\_\_GemDict\_rdict.pcm, ../../lib/libGem.rootmap
- Scanning dependencies of target Gem
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemContFact.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemDetector.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemDigiAna.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemDigiPar.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemDigiRingSorter.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemDigiSorterTask.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemDigiWriteoutBuffer.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemDigitize.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemEmpty.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemFindClusters.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemFindClustersTB.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemFindHits.cxx.o
- [ 44%] Building CXX object detectors/gem/CMakeFiles/Gem.dir/PndGemFindHitsQA.cxx.o
- /home/Panda/pandaroot/source/detectors/gem/PndGemFindHitsQA.cxx: In member function ~virtual InitStatus  
PndGemFindHitsQA::Init()~™:

```
/home/Panda/pandaroot/source/detectors/gem/PndGemFindHitsQA.cxx:181:5: error: 'TObjString' was not declared in this scope
```

```
    TObjString *branchName = (TObjString *)branchNames->At(i);
```

```
    ^~~~~~
```

```
/home/Panda/pandaroot/source/detectors/gem/PndGemFindHitsQA.cxx:181:5: note: suggested alternative:
```

```
'TSubString'
```

```
    TObjString *branchName = (TObjString *)branchNames->At(i);
```

```
    ^~~~~~
```

```
    TSubString
```

```
/home/Panda/pandaroot/source/detectors/gem/PndGemFindHitsQA.cxx:181:17: error: 'branchName' was not declared in this scope
```

```
    TObjString *branchName = (TObjString *)branchNames->At(i);
```

```
    ^~~~~~
```

```
/home/Panda/pandaroot/source/detectors/gem/PndGemFindHitsQA.cxx:181:17: note: suggested alternative:
```

```
'branchNames'
```

```
    TObjString *branchName = (TObjString *)branchNames->At(i);
```

```
    ^~~~~~
```

```
    branchNames
```

```
/home/Panda/pandaroot/source/detectors/gem/PndGemFindHitsQA.cxx:181:43: error: expected primary-expression before '^' token
```

```
    TObjString *branchName = (TObjString *)branchNames->At(i);
```

```
    ^
```

```
make[2]: *** [detectors/gem/CMakeFiles/Gem.dir/build.make:280:
```

```
detectors/gem/CMakeFiles/Gem.dir/PndGemFindHitsQA.cxx.o] Error 1
```

```
make[1]: *** [CMakeFiles/Makefile2:4236: detectors/gem/CMakeFiles/Gem.dir/all] Error 2
```

```
make: *** [Makefile:161: all] Error 2
```

```
[root@localhost build]# ls
```

```
analysis      CTestCustom.cmake  genfit      pid
bin           CTestTestfile.cmake  genfit2     pnddata
check_system.csh  cxx11             googletest-build  soffrig
check_system.sh  DartConfiguration.tcl  googletest-download  Testing
CMakeCache.txt  detectors         googletest-src    timebased
CMakeFiles     eventdisplay      lib           tools
cmake_install.cmake  external         macro         tracking
config.sh      fastsim          Makefile
config.sh_install  field           pgenerators
```

```
[root@localhost build]# cd ..
```

```
[root@localhost pandaroot]# ls
```

```
build source
```

```
[root@localhost pandaroot]# cd ..
```

```
[root@localhost Panda]# ls
```

```
bak FairRoot-v18.6 fairsoft nov20_patches pandaroot
```

```
[root@localhost Panda]# ls -l bak
```

```
total 100
```

```
-rw-r--r--. 1 root root 1225 Jun 8 20:27 clhep-configure.log
```

```

-rw-r--r--. 1 root root 42146 Jun  9 09:46 CMakeOutput.log
drwxr-xr-x. 3 root root  22 Jun 21 22:36 fair_install
drwxr-xr-x. 4 root root  33 Jun 21 22:07 FairRoot-v18.2
drwxr-xr-x. 4 root root  33 Jun 22 07:23 FairRoot-v18.2_
drwxr-xr-x. 4 root root  33 Jun 21 23:59 FairRoot-v18.2.2
drwxr-xr-x. 3 root root  20 Jun 24 16:26 FairRoot-v18.6.3
drwxr-xr-x. 5 root root  48 Jun 24 17:37 FairRoot-v18.6.3v2
drwxr-xr-x. 13 root root 4096 Jun  8 15:22 fairsoft_apr21
drwxr-xr-x. 10 root root 4096 Jun  9 10:04 fairsoft_jun19
drwxr-xr-x. 10 root root 4096 Jun 10 12:19 fairsoft_may18
drwxrwxrwx. 13 root root 4096 Jun  8 19:34 fairsoft_nov20
drwxr-xr-x. 13 root root 4096 Jun  8 15:28 fairsoft_nov20rc
drwxr-xr-x.  9 root root 4096 Jun 20 15:48 fairsoft_oct17
-rw-r--r--. 1 root root 23313 Jun 10 12:35 panda_commands.txt
drwxr-xr-x.  4 root root  33 Jun 24 17:49 pandaroot-v12.0.2
-rwxrwxrwx.  1 root root 3173 Jun  8 11:56 test
[root@localhost Panda]# ls
bak FairRoot-v18.6 fairsoft_nov20_patches pandaroot
[root@localhost Panda]# mv pandaroot pandaroot-v12.0.0
[root@localhost Panda]# ls
bak FairRoot-v18.6 fairsoft_nov20_patches pandaroot-v12.0.0
[root@localhost Panda]# mv pandaroot-v12.0.0 bak
[root@localhost Panda]# ls bak
clhep-configure.log FairRoot-v18.2.2 fairsoft_may18 pandaroot-v12.0.0
CMakeOutput.log FairRoot-v18.6.3 fairsoft_nov20 pandaroot-v12.0.2
fair_install FairRoot-v18.6.3v2 fairsoft_nov20rc test
FairRoot-v18.2 fairsoft_apr21 fairsoft_oct17
FairRoot-v18.2_ fairsoft_jun19 panda_commands.txt
[root@localhost Panda]# mv bak/pandaroot-v12.0.2 .
[root@localhost Panda]# ls
bak FairRoot-v18.6 fairsoft_nov20_patches pandaroot-v12.0.2
[root@localhost Panda]# mv pandaroot-v12.0.2 pandaroot
[root@localhost Panda]# ls
bak FairRoot-v18.6 fairsoft_nov20_patches pandaroot
[root@localhost Panda]# cd /home/Panda/pandaroot/build
[root@localhost build]# . ./config.sh
System during compilation: CentOS Linux release 7.9.2009 (Core)
                           x86_64
System now                  : CentOS Linux release 7.9.2009 (Core)
                           x86_64
[root@localhost build]# cd /home/Panda/pandaroot/source/macro/run
[root@localhost run]# root -l sim_complete.C
root [0]
Processing sim_complete.C...
In file included from input_line_11:1:
/home/Panda/pandaroot/source/macro/run/sim_complete.C:7:10: fatal error: 'FairFilteredPrimaryGenerator.h' file not
found
#include <FairFilteredPrimaryGenerator.h>
      ^~~~~~
cling::DynamicLibraryManager::loadLibrary(): libBase.so.18.6: cannot open shared object file: No such file or directory
Error in <TInterpreter::TCling::AutoLoad>: failure loading library PGen.so for FairFilteredPrimaryGenerator.h
root [1] .q
[root@localhost run]# ls
digi_complete.C reco_complete.C sim_complete_newSTT.C

```

```
digi_complete_newSTT.C reco_complete_newSTT.C sim_radlength_complete.C
digiOnly_complete.C recoLocal_complete.C
pid_complete.C sim_complete.C
[root@localhost run]# gedit sim_complete.C
```

```
(gedit:43884): GLib-GIO-CRITICAL **: 18:09:21.220: g_dbus_proxy_new_sync: assertion
'G_IS_DBUS_CONNECTION (connection)' failed
```

```
(gedit:43884): dconf-WARNING **: 18:09:21.285: failed to commit changes to dconf: The connection is closed
```

```
(gedit:43884): dconf-WARNING **: 18:09:21.292: failed to commit changes to dconf: The connection is closed
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
Error creating proxy: The connection is closed (g-io-error-quark, 18)
```

```
(gedit:43884): dconf-WARNING **: 18:09:21.452: failed to commit changes to dconf: The connection is closed
```

```
(gedit:43884): dconf-WARNING **: 18:09:21.452: failed to commit changes to dconf: The connection is closed
```

```
(gedit:43884): dconf-WARNING **: 18:09:21.452: failed to commit changes to dconf: The connection is closed
```

```
** (gedit:43884): WARNING **: 18:09:36.297: Set document metadata failed: Setting attribute metadata::gedit-spell-
language not supported
```

```
** (gedit:43884): WARNING **: 18:09:36.298: Set document metadata failed: Setting attribute metadata::gedit-
encoding not supported
```

```
** (gedit:43884): WARNING **: 18:09:43.948: Set document metadata failed: Setting attribute metadata::gedit-spell-
language not supported
```

```
** (gedit:43884): WARNING **: 18:09:43.948: Set document metadata failed: Setting attribute metadata::gedit-
encoding not supported
```

```
** (gedit:43884): WARNING **: 18:09:46.726: Set document metadata failed: Setting attribute metadata::gedit-
position not supported
```

```
(gedit:43884): dconf-WARNING **: 18:09:46.735: failed to commit changes to dconf: The connection is closed
[root@localhost run]# ls
```

```
digi_complete.C reco_complete.C sim_complete_newSTT.C
digi_complete_newSTT.C reco_complete_newSTT.C sim_radlength_complete.C
digiOnly_complete.C recoLocal_complete.C
pid_complete.C sim_complete.C
[root@localhost run]# more sim_complete.C
// Macro for running Panda simulation with Geant3 or Geant4 (M. Al-Turany)
// This macro is supposed to run the full simulation of the panda detector
// to run the macro:
// root sim_complete.C or in root session root>.x sim_complete.C
// to run with different options:(e.g more events, different momentum, Geant4)
// root sim_complete.C"(100, "TGeant4",2)"
// #include <FairFilteredPrimaryGenerator.h>
```

```
int sim_complete(Int_t nEvents = 1000, TString SimEngine = "TGeant3", Double_t BeamMomentum
```



```

= 6.231552, TString prefix = "../data/evtcomplete")
{
//----User Settings:-----
// gDebug=5;
TString parAsciiFile = "all.par";

// TString inputGenerator =
// EvtGen -> "xxxxxxx.dec" (parses dec-file for initial particle) or "xxxxxxx.dec:initial_particle"
// DPM -> "dpm_xxxxx"
// FTF -> "ftf_xxxxx"
// BOX -> "box:type(pdgcode,mult):p(min,max):tth(min,max):phi(min,max)"
// PIPI -> "pipi:cosTheta(min,max)"
// LEP -> "leplep:pid(value):gegm(value):cosTheta(min,max)"

TString inputGenerator = "psi2s_JpsiEta_Jpsi_mumu_eta_3pi.dec";
// TString inputGenerator = "dpm";
// TString inputGenerator = "ftf";
// TString inputGenerator = "box:type(211,1):p(1,1):tth(10,120):phi(0,360)";

//-----
// ---- Create the Simulation run manager -----
PndMasterRunSim *fRun = new PndMasterRunSim();
fRun->SetInput(inputGenerator);
fRun->SetName(SimEngine);
fRun->SetParamAsciiFile(parAsciiFile);
fRun->SetNumberOfEvents(nEvents);
fRun->SetBeamMom(BeamMomentum);
fRun->SetStoreTraj(kTRUE);
// ---- Initialization -----
fRun->Setup(prefix);
// ---- Geometry -----
FairModule *Cave = new PndCave("CAVE");
Cave->SetGeometryFileName("pndcave.geo");
fRun->AddModule(Cave);
//----- Magnet -----
// This part is commented because the MDT geometry contains the magnet now
// FairModule *Magnet= new PndMagnet("MAGNET");
// Magnet->SetGeometryFileName("FullSolenoid_V842.root");
// Magnet->SetGeometryFileName("FullSuperconductingSolenoid_v831.root");
// fRun->AddModule(Magnet);
FairModule *Dipole = new PndMagnet("MAGNET");
Dipole->SetGeometryFileName("dipole.geo");
fRun->AddModule(Dipole);
//----- Pipe -----
FairModule *Pipe = new PndPipe("PIPE");
Pipe->SetGeometryFileName("beampipe_201309.root");
fRun->AddModule(Pipe);
//----- STT -----
FairDetector *Stt = new PndStt("STT", kTRUE);
Stt->SetGeometryFileName("straws_skewed_blocks_35cm_pipe.geo");
fRun->AddModule(Stt);
//----- MVD -----
FairDetector *Mvd = new PndMvdDetector("MVD", kTRUE);

```

```

Mvd->SetGeometryFileName("Mvd-2.1_FullVersion.root");
fRun->AddModule(Mvd);
//----- GEM -----
FairDetector *Gem = new PndGemDetector("GEM", kTRUE);
Gem->SetGeometryFileName("gem_3Stations_realistic_v2.root");
fRun->AddModule(Gem);
//----- EMC -----
PndEmc *Emc = new PndEmc("EMC", kTRUE);
Emc->SetGeometryVersion(1);
Emc->SetStorageOfData(kFALSE);
fRun->AddModule(Emc);
//----- SCITIL -----
FairDetector *SciT = new PndSciT("SCIT", kTRUE);
SciT->SetGeometryFileName("SciTil_201601.root");
fRun->AddModule(SciT);
//----- DRC -----
PndDrc *Drc = new PndDrc("DIRC", kTRUE);
Drc->SetGeometryFileName("dirc_e3_b3_l6_m40.root");
Drc->SetRunCherenkov(kFALSE);
fRun->AddModule(Drc);
//----- DISC -----
PndDsk *Dsk = new PndDsk("DSK", kTRUE);
Dsk->SetStoreCerenkovs(kFALSE);
Dsk->SetStoreTrackPoints(kFALSE);
fRun->AddModule(Dsk);
//----- MDT -----
PndMdt *Muo = new PndMdt("MDT", kTRUE);
Muo->SetBarrel("fast");
Muo->SetEndcap("fast");
Muo->SetMuonFilter("fast");
Muo->SetForward("fast");
Muo->SetMdtMagnet(kTRUE);
Muo->SetMdtCoil(kTRUE);
Muo->SetMdtMFIron(kTRUE);
fRun->AddModule(Muo);
//----- FTS -----
FairDetector *Fts = new PndFts("FTS", kTRUE);
Fts->SetGeometryFileName("fts.geo");
fRun->AddModule(Fts);
//----- FTOF -----
FairDetector *FTof = new PndFtof("FTOF", kTRUE);
FTof->SetGeometryFileName("ftofwall.root");
fRun->AddModule(FTof);
//----- RICH -----
PndRich *Rich = new PndRich("RICH", kTRUE);
Rich->SetGeometryFileName("rich_v313.root");
fRun->AddModule(Rich);
// ----- Event generator -----
fRun->SetGenerator();

// ----- Event filter setup -----
FairFilteredPrimaryGenerator *primGen = fRun->GetFilteredPrimaryGenerator();
primGen->SetVerbose(0);
// ----- Example configuration for the event filter -----

```

```

// FairEvtFilterOnSingleParticleCounts* chrgFilter = new FairEvtFilterOnSingleParticleCou
nts("chrgFilter");
// chrgFilter->AndMinCharge(4, FairEvtFilter::kCharged);
// primGen->AndFilter(chrgFilter);

// ----- Add tasks -----
fRun->AddSimTasks();
// ----- Intialise and run -----
fRun->Init();
fRun->Run(nEvents);
fRun->Finish();
return 0;
}
[root@localhost run]# root -l sim_complete.C
root [0]
Processing sim_complete.C...
cling::DynamicLibraryManager::loadLibrary(): libBase.so.18.6: cannot open shared object file: No such file or directory
Error in <TInterpreter::TCling::AutoLoad>: failure loading library Master.so for PndMasterRunSim
cling::DynamicLibraryManager::loadLibrary(): libBase.so.18.6: cannot open shared object file: No such file or directory
Error in <TInterpreter::TCling::AutoLoad>: failure loading library Master.so for PndMasterRunSim
cling::DynamicLibraryManager::loadLibrary(): libBase.so.18.6: cannot open shared object file: No such file or directory
Error in <TInterpreter::TCling::AutoLoad>: failure loading library Master.so for PndMasterRunSim
cling::DynamicLibraryManager::loadLibrary(): libBase.so.18.6: cannot open shared object file: No such file or directory
Error in <TInterpreter::TCling::AutoLoad>: failure loading library Master.so for PndMasterRunSim
cling::DynamicLibraryManager::loadLibrary(): libBase.so.18.6: cannot open shared object file: No such file or directory
Error in <TInterpreter::TCling::AutoLoad>: failure loading library Master.so for PndMasterRunSim
In file included from input_line_11:1:
/home/Panda/pandaroot/source/macro/run/sim_complete.C:30:3: error: unknown type name 'PndMasterRunSim'
  PndMasterRunSim *fRun = new PndMasterRunSim();
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:30:31: error: unknown type name 'PndMasterRunSim'
  PndMasterRunSim *fRun = new PndMasterRunSim();
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:40:3: error: unknown type name 'FairModule'
  FairModule *Cave = new PndCave("CAVE");
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:40:26: error: unknown type name 'PndCave'
  FairModule *Cave = new PndCave("CAVE");
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:49:3: error: unknown type name 'FairModule'
  FairModule *Dipole = new PndMagnet("MAGNET");
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:49:28: error: unknown type name 'PndMagnet'
  FairModule *Dipole = new PndMagnet("MAGNET");
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:53:3: error: unknown type name 'FairModule'
  FairModule *Pipe = new PndPipe("PIPE");
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:53:26: error: unknown type name 'PndPipe'
  FairModule *Pipe = new PndPipe("PIPE");
  ^
/home/Panda/pandaroot/source/macro/run/sim_complete.C:57:3: error: unknown type name 'FairDetector'
  FairDetector *Stt = new PndStt("STT", kTRUE);
  ^

```

```
/home/Panda/pandaroot/source/macro/run/sim_complete.C:57:27: error: unknown type name 'PndStt'  
FairDetector *Stt = new PndStt("STT", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:61:3: error: unknown type name 'FairDetector'  
FairDetector *Mvd = new PndMvdDetector("MVD", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:61:27: error: unknown type name 'PndMvdDetector'  
FairDetector *Mvd = new PndMvdDetector("MVD", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:65:3: error: unknown type name 'FairDetector'  
FairDetector *Gem = new PndGemDetector("GEM", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:65:27: error: unknown type name 'PndGemDetector'  
FairDetector *Gem = new PndGemDetector("GEM", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:69:3: error: unknown type name 'PndEmc'  
PndEmc *Emc = new PndEmc("EMC", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:69:21: error: unknown type name 'PndEmc'  
PndEmc *Emc = new PndEmc("EMC", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:74:3: error: unknown type name 'FairDetector'  
FairDetector *SciT = new PndSciT("SCIT", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:74:28: error: unknown type name 'PndSciT'  
FairDetector *SciT = new PndSciT("SCIT", kTRUE);  
^  
  
/home/Panda/pandaroot/source/macro/run/sim_complete.C:78:3: error: unknown type name 'PndDrc'  
PndDrc *Drc = new PndDrc("DIRC", kTRUE);  
^  
  
fatal error: too many errors emitted, stopping now [-ferror-limit=]
```