

# contrib Discussion

## Build Errors

| file in src/org/lcsim/contrib                                  | maintainer     | problems                                                                                                  | solution                      | comments    |
|----------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------|-------------------------------|-------------|
| CarstenHensel/FixedConeClustererAnalyzer.java                  | Carsten Hensel | uses deprecated CalorimeterIDDecoder                                                                      | switch to IDDecoder           | trivial fix |
| CarstenHensel/HMatrixAnalyzer.java                             | Carsten Hensel | "                                                                                                         | "                             | "           |
| CarstenHensel/MyHMatrixBuilder.java                            | Carsten Hensel | "                                                                                                         | "                             | "           |
| JanStrube/standalone/at/hephy/Converter/LcioToRaveObjects.java | Jan Strube     | missing Rave dependency                                                                                   | add Rave or move to sandbox   |             |
| JanStrube/standalone/RaveProcessor.java                        | Jan Strube     | "                                                                                                         | "                             |             |
| JanStrube/standalone/FitterTestDriver_ReconTrack.java          | Jan Strube     | various                                                                                                   | ?                             |             |
| JanStrube/standalone/VertexFitterDriver.java                   | Jan Strube     | various                                                                                                   | ?                             |             |
| JanStrube/tracking/NewFastMCTrackFactory.java                  | Jan Strube     | SimpleTables ctor not public                                                                              | make SimpleTables ctor public |             |
| JanStrube/tracking/NewMCFastTrackDriver.java                   | Jan Strube     | "                                                                                                         | "                             |             |
| SteveKuhlmann/BTrMipClusterID.java                             | Steve Kuhlman  | missing cjnn dependency                                                                                   | add cjnn or move to sandbox   |             |
| SteveKuhlmann/BTrMipWorkingVersion.java                        | Steve Kuhlman  | "                                                                                                         | "                             |             |
| SteveKuhlmann/MakeClusterIDInputLCSIM.java                     | Steve Kuhlman  | missing hep.lcd                                                                                           | add hep.lcd                   |             |
| SteveKuhlmann/MakeClusterIDInputLCSIM.java                     | Steve Kuhlmann | missing BTrMipClustersNoMCCut                                                                             | add missing class             |             |
| SteveKuhlmann/BTrMipClusH.java                                 | Steve Kuhlman  | uses old (presumably removed) ctor for nn clustering                                                      | bring up-to-date with head    |             |
| uiowa/template/NonTrivialPFA.java                              | Matt Charles   | missing org.lcsim.recon.pfa.identifier.SmallPhotonMaker, org.lcsim.recon.pfa.output.DebugPrintClusterInfo | ?                             |             |
| uiowa/template/NonTrivialPFAWrapper.java                       | Matt Charles   | missing ParticleListToClusterListDriver                                                                   | add missing class             |             |
| uiowa/template/RonSnapshotPFA.java                             | Matt Charles   | missing method                                                                                            | add method or remove code     |             |
| uiowa/template/PerfectPatternRecognitionPFA.java               | Matt Charles   | various                                                                                                   |                               |             |
| timb/mc/fast/tracking/MCFastTracking.java                      | Tim Barklow    | missing org.lcsim.particle.ParticleUtilities                                                              | ?                             |             |
| timb/mc/fast/tracking/SmearTrackSimple.java                    | Tim Barklow    | uses arrays instead of matrices                                                                           | switch to SymmetricMatrix     |             |