

New release

What is in it?

- It takes into account what came up in the last week.
 - back-showering point (800mm back) for score and reassignment
 - using hits in muon detector for endcap

How to use it?

- cvs update and build it
- Location
org.lcsim.pfa.structural
- The class name
RunAndWriteOutPFA →
- It will write out "full.slcio"

```
//setup track
add(new CheatReconDriver());
//setup Photon and DirectedTree
add(new SetUpDTreeForReclustering());
//run PFA
add(new ReclusterDTreeDriver(...));
//output
add(new FlushReconstructedParticlesDriver(...));
writeOutMini("full.slcio")
```

Output lists in the file

- The number of collection lists is reduced, which saves some space.
- **FlushedDTreeReclusteredParticles** ← Reconstructed Particle
- This is the list you need for physics analysis.

Example

- In ExampleReadPFA
add(new MassPlots("FlushedDTreeReclusteredParticles", "xxx.aida"));

Results from new release

- These numbers are from Mat.
 - In the barrel region $|\cos(\theta)| < 0.8$

Detector Sid01 (rpc)	ZZ (Mass)	qq200(E)	qq500(E)
Rms90 (GeV)	3.96	5.91	19.85
Mean90 (GeV)	+1.04	+0.86	-2.40

- It works ok.