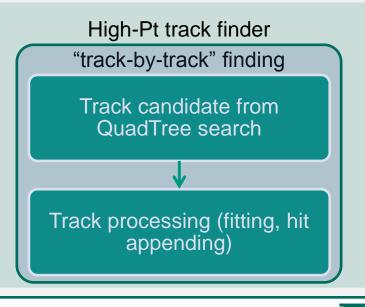
Module refactoring

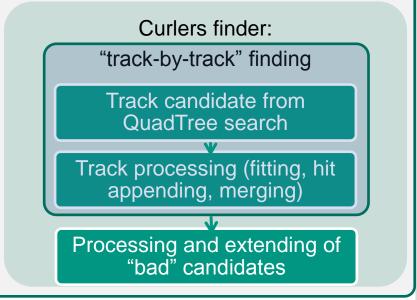


- Global track finder should be splitted in few modules:
 - Track candidate finders:
 - High-pt track finder;
 - Curlers finder;
 - Stereohits assigners:
 - Based on histogramming
 - Based on merging with VXD tracks
 - (?) Based on genfit::DAF (as alternative to histogramming)
- Involving genfit for final fits:
 - Will cause drop in module performance but should increase efficiency



Tracks with axial hits only





Genfit::TrackCands (axial hits)



CDC stereohits

Genfit::TrackCands (axial hits)

VXD tracks

Stereohits assignment

Histogramming

Assigning all stereohits which could belong to the track

Estimate most probable polar angle of the track

Assign correct stereohits basing on polar angle assumption

Merging with VXD tracks

For each candidate search for corresponding VXD track

Basing on polar angle of the VXD track assign stereohits

Stereohits assignment with DAF

Assigning all stereohits which could belong to the track

Process track with DAF

Assign correct stereohits basing on fit results from DAF