Rho Package Overhaul Update

(Mar. '13, Ralf Kliemt)

The Plan (from Jan. '13)

- Put data objects from pid to pnddata & rename `PndPidCandidate` to `PndRecoCandidate`

  I think these reco objects can be created from tracking and EMC and filled by drc etc. later on.

- Unclutter Rho classes, i.e. delete obsolete or unnecessary stuff
- Rename all Rho classes to `Rho*`
- Reorganize Rho to be used more fluently with PandaRoot
  - Remove unnecessary virtual or semivirtual layers
  - Structure fitter interfaces
  - make use of all functionalities/concepts which are not properly used, yet
- Reorganize `Pndanalysis` & co.

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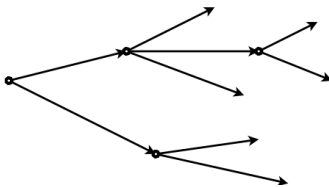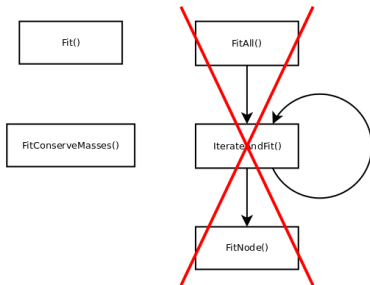- Reorganize `Pndanalysis` & co.
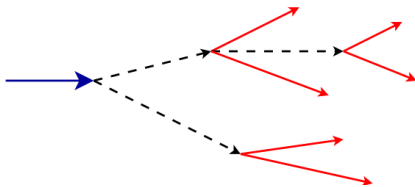
Fitters

RhoFitterBase
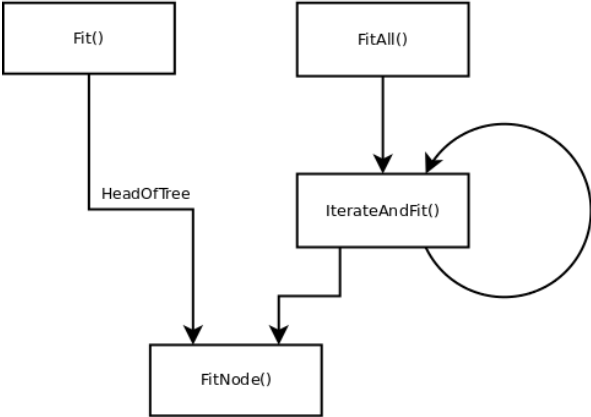
PndChiVtxFitter
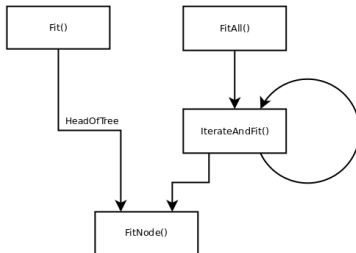
Access the global chisquare and degrees of freedom:
(GlobalChi2() & GetDof())

Pnd4CFitter

Fit() FitAll()

FitConserveMasses() IterateAndFit()

FitNode()

Fitting all final state particles with the initial state.
Intermediate Particles are corrected accordingly.
Final state particle masses may be conserved optionally.

PID & RECO semantics

Klaus and I propose to split the pid package:

- PidData will be in pnddata (see above)
- trunk/pid/PidCorr will be moved to trunk/reco and the classes will be called `PndReco*`

  (the correlator might be called `PndRecoPidCorrelator` for convenience)

- trunk/pid/PidClassifier will be emptied into trunk/pid

Preview

There is a development branch at:

`https://subversion.gsi.de/fairroot/pandaroot/development/ralfk`

I'm open to suggestions on the transition.