

## Bugs

- TrackIPSelection crashes if outputVerticesName is provided (HR 07/03/2007)
- TrackIPSelection always executes endExecute (HR 07/03/2007)
- HltAlgorithm.cpp: typo on a property: vertices is not in capital letters in declareProperty("OutputverticesName", m\_outputVerticesName = "");

## Clarity

- Find an appropriate name for AppendedValues... document and name everything accordingly. (HR 07/03/2007)
- Rename:
  - ◆ monitor() to something like fillWithAppendedValues() (HR 07/03/2007)
  - ◆ map() to appendValues() (HR 07/03/2007)
  - ◆ size() to monitorContainerSize() (HR 07/03/2007)
- Give more informative names to vertex "banks"? (HR 07/03/2007)
- Change location of 2D VELO tracks from "Rec/Track/RZVelo" to "Hlt/Track/RZVelo" (HR 07/03/2007)
- Naming convention to distinguish locations of Pat and Hlt containers? (HR 07/03/2007)
- Nomenclature about passed/accepted (HR 09/03/2007)
- What does long m\_nCandidates in HltBaseAlg? If it is really the minimum number of candidates required, put it in the name of the variable (HR 13/03/2007)
- beginExecute and endExecute are needed? If so, clarify who does what: HltBaseAlgo and HltAlgorithm. (HR 13/03/2007)

## Robustness

- size() must produce a WARNING when size = 0, as this is not expected in normal running of HLT (HR 07/03/2007)

## Missing tools

- More information at the end: number of candidates found, number of standard input and output objects read/written (HR 09/03/2007)
- Add a default PatOutputVertices to the base class (HR/JH 09/03/2007)
- Heritage of AppendedValues to daughter tracks and vertices (HR 07/03/2007)
- Vertex ancestry by vertices?
- Clever functions not to recompute AppendedValues (HR 07/03/2007)
- Reactivate candidatesFound (HR 07/03/2007)
  - ◆ Counter for nCandidates per event
  - ◆ Set filter to passed if nCandidates>minNCandidates
  - ◆ Histogram nCandidates per event
  - ◆ Count nTotalCandidates (cumulated in all events)
  - ◆ What is the use of setDecision on top of setFilterPassed?
- Reactivate nRequiredCandidates (HR 07/03/2007)

-- HugoRuiz - 07 Mar 2007

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This topic: LHCb > HLTPendingIssues

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