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DaVinci Migration to DC06 page

The migration to DC06 is more or less complete. Many thanks to all who contributed.

Timescales

Code needed for DC06 stripping

The DC06 stripping has started. All code necessary for stripping is there. Some pieces of code needed for analysis are not yet done.

To do:

- Continue to review all code.
 - ◆ Remove obsolete stuff.
 - ◆ Avoid duplications of code. Always! No exceptions!
- More details in the various packages.

Desired features non essential for DC06 stripping.

- Split LoKi in pieces: Done.
 - ◆ Merge DVAlgorithm and LoKi::Algo as much as possible: Done.
 - ◆ Remove code duplications. In particular LoKi::Cuts and DaVinciFilter: Being done by HLT group.
- Adapt to python options: There is a hope.
- Unify string parsing. Might not be needed anymore once LoKi::Cuts and DaVinciFilter are merged.

Meetings

- The forum to discuss DaVinci code is T-Rec.
- Long ago: LHCb week, Tuesday March 7 2006.
<http://indico.cern.ch/conferenceDisplay.py?confId=1196>. Phone: +41 22 767 7000 (77000) (old system). VRVS: Sun virtual room.

Status history

The doxygen of the latest version released of PHYS is available at <http://lhcb-release-area.web.cern.ch/LHCb-release-area/PHYS/doc/html/index.html>

- June 2007: Stripping OK, but some bits for analysis not yet there.
- 21/07/2006 Essential code runs.
 - ◆ Test stripping jobs select random events from rDST and produce event tag collections
 - ◆ New ParticleMakers
 - ◆ DaVinciAssociators
 - ◆ VertexFitters
 - ◆ CommonParticles tested for long-lived particles and J/Psi
- 29/05/2007: Essential core code compiles. DaVinci initializes and finalizes properly.
 - ◆ Working versions of MCParticleMaker, OfflineVertexFitter and BlindVertexFitter running and roughly tested with Gauss events.

- ◆ Includes new LoKi packages.
- ◆ Options-based DC06 pre-selection packages tuned on DC04 imported but not tested.

See doxygen to-do list[?] and interface status.

Links

- LHCb Event Model Review
- Physics Event Model Task Force
- Global Particle ID Task Force
- Flavour Tagging WG

-- PatrickKoppenburg - 07 Feb 2006 -- PatrickKoppenburg - 13 Jun 2007

This topic: LHCb > DaVinciDC06Migration

Topic revision: r26 - 2008-03-27 - unknown



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