

-- ColinMclean - 08 Dec 2006

Documentation:

- The 'Da Vinci group' provide lectures and hands-on tutorials, <https://twiki.cern.ch/twiki/bin/view/LHCb/DaVinciTutorialDaVinci> Tutorials: The last was at the LHCb UK Software workshop in Edinburgh (January 2007).
- Reference sources can be found on the DaVinci Home [page](#).
- More useful material on coding a Da Vinci option file can be found from: lhcb-2005-016.pdf by P. Koppenbugh and L. Fernandez.
- The Lastest DaVinci version is currently v19r9 (January 2008).

Example Analysis Code - Bs2Jpsiphi:

- To illustrate the use of DaVinci to do a cut base analysis on Bs->Jpsiphi signal data, the following code is included.
- To retrieve the code: `cvs co User/cmclean/Code/ANALYSIS/Bs2Jpsiphi/v1r1/src`
- The source files can then be added to your DaVinci\_vxx\_x/Phys/v1r1/src directory.
  - ◆ You'll need an option file (and some data) to run on these algorithms.

What's in the Code:

- The code contains seven algorithms:
  - ◆ IsReconstructible.x :-
  - ◆ preSelection.x :-
  - ◆ DaughterSelection.x :-
    - ◇ JpsiChecker.x :-
    - ◇ PhiChecker.x :-
  - ◆ ParentSelection.x :-
  - ◆ BscandChecker.x :-

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This topic: Main > LHCbEdinburghGroupBsJpsiphiDC06

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