

Production to merge histograms are slightly different from normal data processing ones. There are two different type of input files to consider: BRUNELHIST and DAVINCIHIST, so in the Input Data section of the request, it must be selected both file types.

- Screenshot of the Histo Merging request:

– Input data

Conditions:	Beam6500GeV-VeloClosed-MagUp
Config:	LHCb
version:	Collision16
Processing Pass:	Real Data/Reco16
File type:	BRUNELHIST,DAVINCIHIS
DQ flag:	OK, UNCHECKED
Production:	ALL
TCKs:	ALL

– Processing Pass (HistoMerge01)

Step 1 Histograms-Merging(130065/HistoMerge01) : Noether-v1r4
 System config: MC TCK:
 Options: \$APPCONFIGOPTS/DataQuality/DQMergeRun.py Options format: Multicore: N
 DDDb: Condition DB: DQTag:
 Extra: AppConfig.v3r286 Runtime projects:
 Visible: Y Usable:Yes
 Input file types: BRUNELHIST(Y),DAVINCIHIST(Y) Output file types: HIST.ROOT(Y)

The template to choose is everyThingElse_run.py. Type HistoMerge as production to be launched, GroupSize must be equal to 999999, as we create one single merged file per run. Output Data Storage Element must be CERN-HIST-EOS. The plugin name must be ByRunSizeWithFlushRootMerging and the removeInputs flag must be set to True in order to delete the unmerged files.

-- MarcoCorvo - 2016-10-19

This topic: LHCb > HistoMergingProd

Topic revision: r3 - 2017-04-13 - MarcoCorvo



Copyright &© 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback