### SW quality shift report

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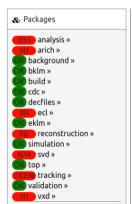
developers meeting, SpeakApp, 14 Dec 2017





- Issue with DB timeout end of last week
  - Lynn tryied to block development tag, but it breaks test and build failed.
  - ▶ bottleneck is the current server, new scalable one will be installed (10-11/1/2018)
  - today: new connection problems.





Improvement in issues seen in Validation Plot

- analysis  $2/17 \rightarrow 2/15$ 
  - ▶ fsp\_efficiencies.py BII-2497 [closed]
    - ★ Thomas Keck reported to be a problem in the buildbot, lacking the b2bii env.
  - test6\_CPVAnalysisTools.py DB connection
- bklm  $0/3 \to 0/0$
- recostruction  $0/3 \rightarrow 0/2$
- top  $0/5 \to 0/0$
- tracking  $13/249 \rightarrow 13/230$



# Failed script for Validation



#### • Tracking: [BII-2950]

WARNING a lot of: No payload found in condition DB global tag GT\_gen\_prod\_004.03\_Master-20171106-202500

 $\bullet \ \mathtt{XX\_trackingEfficiency\_createData.py}, \ \mathtt{XX} \\ \in [03, 12]$ 

ERROR BGOverlayExecutor: no BGOverlayInput module in the path

ckfValidationBkg.py

ERROR The required array 'SVDClusters/PXDClusters' does not exist modules: TFCDC\_ClusterPreparer SVDOverlapResolver PXDSpacePointCreator

- fullTrackingTableValidationCreateData.py
- vxdCdcMergerValidationGenerateSample.py

ERROR The required array 'VXDRecoTracks' does not exist module: MCRecoTracksMatcher

- Vxd: [BII-2951]
- ClusterEfficiency.py

ERROR The required array 'SVDDigits' does not exist module: SVDClusterizer



## Work done by shifter



- Continued the work started by Jake (previous shifter) to reduce warnings;
  - concentrate on those related to StoreArray/StoreObjPtr deprecated methods;
- Sent pull request for:
  - ▶ beast BII-2936
  - calibration BII-2868 (by Jake Approved)
  - hlt BII-2938 (merged)
  - pxd BII-2939 (merged)
  - rawdata BII-2941 (approved)
  - svd BII-2942 (approved)
  - ▶ trg BII-2943 (merged)
  - ▶ last missing tracker (a lot of warning, seems all of the remaining ones), display (and testbeam)
- total warning should drop significantly when all pull request will be approved and merged.
- next most common warning is "variable shadowing previous declaration"

Nothing more to report: mDST size, execution time, memory footprint stable