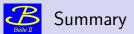
## SW quality shift report

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developers meeting, SpeakApp, 30 August 2018





- No major issue anywhere
- mDST size, execution time, memory footprint stable
- Validation plot stable
  - new FEI script failing test\_fei\_generic.py/specific BII-3950 to Sam
    - ★ in the meanwhile they have disappeared . . .
    - \* worth monitoring for next shifter
  - ► test1\_1150720000.py test1\_1290310000 failing (known **BII-3868**)
  - test1\_1263340000.py test1\_1163350000 failing (known BII-3823)

 Packages analysis » arich » background » bklm » cdc » decfiles » ecl.» eklm » generators » reconstruction » simulation » svd » tracking » validation » vxd »

#### Validation Plot overview

- analysis  $4/44 \rightarrow 4/40$
- arich  $0/1 \rightarrow 0/1$
- ecl  $0/4 \rightarrow 0/3$
- ullet recostruction 0/15 
  ightarrow 0/15
- $\bullet \ \text{svd} \ 0/18 \rightarrow 0/18$
- tracking  $0/129 \rightarrow 0/132$
- validation  $0/0 \rightarrow 2/0$  (no payload found: temporary?)

concentrate on improving sphinx documentation



## Improved documentation



- First problem was to learn how to compile Sphinx
  - got a B2Question ready then I discover scons –sphinx html
  - ▶ Added a small subsection to framework/doc/atend-doctools.rst
  - also add warning about empty lines before and after bullet lists
    - ★ BII-3948 (PR to Martin)
  - Sometimes the compilation run but the html is not updated
  - Quite a number of warning  $\mathcal{O}(100)$ :
    - ★ maybe worth to track them and report in Dev build page?

# Improved documentation (II)



- Worked on StandardParticles (just looking at the code) BII-3949 (PR to Ilya)
  - ightharpoonup stdCharm (D<sup>0</sup>, D<sup>+</sup>, D\*)
  - stdLightMesons  $(\rho, \omega, \phi, \eta, \eta', ...)$
  - ▶ stdPhothons (GoodBellePhoton, SkimPhoton, PhotonE12, E15)
  - stdDiLeptons (DiLeptons, LooseJpsi(psi2)2ee(mumu))
- plus Variables and other modules (mostly trivialities and syntax problem)
- TreeFitter, ported from confluence BII-2980 (PR to Francesco and Ilya)
- Rest Of Event, ported from confluence BII-2977 (PR to Sam and Ilya)
- Pull request sent to relevant people (I hope)





