

SW quality shift report

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- 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**)

concentrate on improving sphinx documentation



Validation Plot overview

- **analysis** 4/44 → 4/40
- **arich** 0/1 → 0/1
- **ecl** 0/4 → 0/3
- **recostruction** 0/15 → 0/15
- **svd** 0/18 → 0/18
- **tracking** 0/129 → 0/132
- **validation** 0/0 → 2/0 (no payload found: temporary?)

- 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?

- Worked on **StandardParticles** (just looking at the code) **BII-3949** (PR to Ilya)
 - ▶ `stdCharm` (D^0 , D^+ , D^*)
 - ▶ `stdLightMesons` (ρ , ω , ϕ , η , η' , ...)
 - ▶ `stdPhotons` (`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)

