

# Software Quality Shift

Stefano Lacaprara

`stefano.lacaprara@pd.infn.it`

INFN Padova

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## Many issues during the week

- problems with building machine: all fixed by Thomas
  - ▶ Timeout
  - ▶ virtual memory exhausted (two concurrent build running)
  - ▶ issue on /tmp (two scan-build dir, where one expected)
  - ▶ two test-local works, test-central failes
- code: (fixed)
  - ▶ tracking change of interface: fixed by Giulia C.
- Still open:
  - ▶ finished test framework/tests/conditions.py -j FAILED: logs differ
    - ★ notified Martin R. (some modification on package)

No major issues. Looked at warning.

- cosmetic fixes for topcaf sent to developer (Umberto T.) to remove warning due to sorting data-member vs constructor: not yet in git.
- most of remaining warning are:
  - ▶ `ClassImp` is not needed, please remove it
  - ▶ in many classes (see confluence log for details) Can them be removed?
- Quite close to a **no warning** integration building.
- What about a No Warning Week?

# Examples test

- Continued the nice idea by David Cosset (previous shifter) to test examples
- **analysis/tutorials** also in view of next tutorial at B2GM
- **No major issue:**
- Most of the tutorials requires input files in `/hsm`
  - ▶ sometime it takes a long time to access them. Likely due to tape to disk copy.
  - ▶ also, sometime the job start (as if the file is available) but failes. If started again, it works. As if the file is declared as avaialble but it is not yet really.
  - ▶ **Could be a good idea to pin all the tutorial input files to disk to easy life of newbies**
- All TMVA tutorials (50x) have input file in `/local/ssd-scratch`, and fails unless a `./TMVA` directory exist.
  - ▶ open [Jira BII-1741] to add a check in the py code.
- Tutorials 70x requires mandatory arguments
  - ▶ sent code to Pablo to perform a sanity check.

## Validation

No major issue:

- PXDValidationGen.py - failed ( exit code: 1)
  - ▶ Looks like some wrong parameter set in the script
  - ▶ open [Jira ticket BII-1742]

## AoB

Proposed a modified version of **setuprel** which works not only from top of release, but also if issued inside the directories tree [Jira BII-1735]