

Software Status

ES, 16/01/2012

Status

- ❖ The Monte-Carlo side has been a concern in the past weeks.
- ❖ When running the current code in the trunk, we find few events per spill containing any reasonable number of tracker hits.
- ❖ Much digging after... Source is found but not completely understood: the feature is solved if we define the muon beam has pencil-like.

Working Monte-Carlo

ships with:

- **MapCppTrackerMCDigitization**
- **MapCppTrackerRecon**

❖ How to get it?

❖ `bzr branch lp:~e-santosio/maus/tracker_common`

❖ How to run it?

❖ `python simulate_mice.py -configuration_file datacard`



- ❖ Goal is to have both mappers tested and documented by next week.
- ❖ Helped needed with analysis? Can ship a script that fills a root tree from the JSON output, if people think it would be useful.