Hi all,

Let me start a forum discussion concerning the data production test on the Grid. From the email correspondences, I would conclude the following (please correct me if I am wrong):

   * Suggestion by Kilian to have REGULAR production tests on the GRID is welcomed (test performances, stability, capacity, monitoring tools, etc etc).

   * Proposal is to have it at least twice per year, preferably connected to a Grid workshop.

   * Kick-off of such DS now! Don't wait for something better to come.

Now the critical issue: which jobs? My proposal:

   1) the default QA macros as used in the nightly tests (Dashboard). At the moment there is not a lot of them, but certainly this will be extended during course of time. Actually, these macros are meant as rigorous tests (simulation, reconstruction, analysis) of the framework, e.g. why not exploit these macros on the Grid sites as well. It would also garuantee that the software developments are tested in synchronization with the Grid infrastructure. There will also be a "master" macro which calls the individual QA macros. All these macros will be part of the PandaRoot software.

   2) software compilation and building. As we already discussed via email, the preference for the moment is to employ the PandaRoot software via a friendly installation script. Mohammad and Florian are already doing excellent work on this front and working hard on making the script as grid-friendly as possible. A regular compilation and building on all the sites would reveal missing configuration issues, but would also give regular feedback to Mohammad and Florian. One should realize that sites might also change their installation during course of time, which would lead to crashing jobs for which the problem is difficult to trace back. A regular compilation test would help to identify and accomodate for these kind of changes.

.... what else?

Johan.