Subject: macro maintenance and all that...
Posted by Johan Messchendorp on Wed, 10 Feb 2010 12:06:31 GMT
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Dear all,

Today we had a discussion about the macros, the tutorials, and the underlying structure etc.
To wrap up the situation as it is now and who is responsible and all that, the following points:

The folder "/macro" (rw access for all developers) presently contains the following:

/macro/[subsystem] - example macros dedicated to specific detectors, that represent the most
stable implementation of the simulations, digitisation, and reconstruction. The developer(s)
responsible for [subsystem] should up date these macros regularly with the most stable
settings and tasks.

/macro/run - this folder contains complete chain macros with modules corresponding to the
contents in /macro/[detector]. These macros represent production code and an example for the
maintenance of the /tutorials. Also here, the developers should take care that the appropriate
tasks and settings for their subsystem are incorporated in the "run" macros. Furthermore,
these macros are also used as part of the QA tests for the nightly builds. Also here, the
developers should keep an eye on the dashboard and act accordingly in the case of problems
which point to their part of the code. I will act in the case of more general crashes, problems, or
whatever for these macros. Furthermore, I will maintain the "compiled" version of the "run"
macros.

/macro/qa/[subsystem] - these macros are used for quality assurance, which means that these
run during the nightly tests and its output is collected on the dashboard. Most of these macros
correspond to contents in /macro/[subsytem] with additional tests for QA (output of the macros
are tested and checked against some expectation criteria). Also, these are maintained by the
developers of the [subsystem].

/tutorials/[...] - these macros are intended as a starting point for users/developers for their
physics analysis (really as "tutorial"). The code is presently maintained by Klaus, Soeren, and
Stefano, although I think that every developer has write access (but I not so sure). There is
also a corresponding Wiki page with a more complete description on how and what. The idea
is that the tasks and settings are taken from the /macro/ macros.

We might want to reconsider this structure and we could discuss it on the next EVO meeting.
In preparation for that, I propose to start a discussion via this forum thread to come up with
ideas and proposals. Of course, we could also decide that we are happy with the present
structure. Let me know what you think....

Best wishes,

Johan.