Minutes of the ABP computing working group kick off meeting

1st September 2016

Participants : X. Buffat, L. Deniau, R. De Maria, G. Iadarola, A. Latina, K. Li, E. Mcintosh, G. Rumolo, F. Schmidt, F. Zimmerman

- In an initial phase, the working group will collect the informations about the different codes and identify needs and synergies. The outcome will be discussed during a dedicated meeting before reporting to the management.

- The members of the working group are invited to fill in the pages corresponding to their codes on the working group's wiki. These pages aim at serving as complete and up to date information panel at the disposal of the ABP group and as a survey tool for the working group to identify the different algorithms, architectures and technologies used. In house, external and commercial software commonly used in ABP will in be listed there. At least one contact person per software, possibly a core developer, should be identified within ABP. In case the developers are not within ABP, an experienced user should be identified to provide the relevant informations and (basic) help to new users.

L. Deniau presented a summary of the last IT Technical User Meeting. The phasing out of AFS and LSF are of a particular concern since both technologies are heavily used within ABP. R. De Maria has been testing ESO, the technology initially proposed as a replacement for AFS, and shared his experience on the topic. Despite interesting storage capacity, EOS does not seem to provide the basic functionalities of a file system, on which several ABP software rely. The replacement batch system (HTCondor) seem to have the required functionalities to replace LSF, nevertheless the interaction with EOS is inefficient. As a consequence, a member of IT will be invited to next meeting, in order to discuss the possibilities to maintain the required functionalities after the phasing out of AFS and LSF.