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A New Nightly Build System for LHCb

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The nightly build system used so far by LHCb has been implemented as an extension on the system developed by CERN PH/SFT group (as presented at CHEP2010). Although this version has been working for many years, it has several limitations in terms of extensibility, management and ease of use, so that it was decided to develop a new version based on a continuous integration system.

In this paper we describe a new implementation of the LHCb Nightly Build System based on the open source continuous integration system Jenkins and report on the experience on the configuration of a complex build workflow in Jenkins.

Summary

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