

Recent Developments in the Gaudi Software Framework

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After ten years from its first version, the Gaudi software framework underwent many changes and improvements with a subsequent increased of the code base. Those changes were almost always introduced preserving the backward compatibility and reducing as much as possible changes in the framework itself; obsolete code has been removed only rarely. After a release of Gaudi targeted to the data taking of 2008, it has been decided to have a review the code of the framework with the aim of a general consolidation in view of the data taking of 2009. We also decided to take the occasion to introduce those improvements never implemented because of the big impact they have on the rest of the code, and those changes of the framework needed to solve some intrinsic problems of the implementation, but never made because too disruptive. With this contribution we want to describe which are the problems we addressed and the improvements we made to the framework during this review.

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