

Development of ROOT Services for Grid

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ROOT is platform independent, object-oriented framework used for solving the data analysis challenges of high-energy physics. Physical experiments like NA48, CMS, ALICE and ATLAS use g-Lite Grid infrastructure for data storage and analyzes and ROOT framework for interactive manipulation of tree objects and histograms of the analyzed data. It is strategically important ROOT to be used in Grid middleware. The intention of this research is to present methodology for exposing legacy ROOT functionality as services.

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