



# Sample Project: Continuous testing and integration for ROOT

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<b>Title</b>
Continuous testing and integration for ROOT

<b>Description</b>
<p>The development of huge software projects like ROOT requires continuous integration and testing of new developments on a large number of platforms that are supported by the ROOT software. The system will need to be migrated to from the current commercial product ‘Electric Commander’ to the open-source ‘Jenkins’, which is freely available and fully customizable. An evaluation took place and it was decided that Jenkins could do the work very well. The goal of the project is to migrate existing workflows for the ROOT project from Electric Commander to Jenkins, and to use this as an opportunity to include new functionalities into the build and testing process. These are for example regular quality checks with a code checker or the validation of coding and style rules.</p>

<b>Skills</b>

<b>Disciplines</b>
Information Technologies

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