## inverted CERN School of Computing 2016



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## Continuous Integration: how can it help?

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Software becomes more complex as the project size and number of developers grow. As these two factors increase, so too does the potential for more errors in the code. Previous time and money can be wasted trying to track down bugs that could have been easily avoided should there have been a good workflow in place.

Continuous Integration (CI) is one such strategy that can dramatically improve software quality. An indepth look at what CI is, as well as the fundamental concepts will be explored. Various scenarios of how CI can be incorporated into different types of projects will be covered. There are many CI software packages on the market. It's not always easy choosing what CI package is best suited for your project. Some main points to keep in mind when beginning to implement CI into your project will also be discussed.

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