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Git - Getting distributed without losing your HEAD

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Version control systems (VCS) are used in nearly every software project and often represent the most important platform for collaborative software development. One of these systems is "Git" - the swiss army knife of version control.

Due to its decentral repository structure, powerfulness, and high performance it quickly became one of the most popular VCS for open-source and community-driven software development. Not only big projects with lots of concurrent development can benefit from the usage of Git, but even small one-person projects can take advantage of it to improve the productivity. Over the last years mastering Git and understanding the concepts has become an increasing requirement for many open-source projects and also software developer jobs.

This presentation will provide a primer on the concepts and workflows of Git and how they are applied in the daily routine of a programmer. We will also have a look at how Git influences and eases "social coding" that drives platforms like GitHub.

Primary author: WOLFF, Ben (CERN)

Presenter: WOLFF, Ben (CERN)

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