Verification at scale: Fitting static code analysis into continuous integration

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Abstract text Static code analysis (SCA) is a decades-proven software verification method that's become essential for many development teams. With the growing adoption of DevOps processes and Continuous Integration (CI) tools, it's even more important that those familiar with and new to SCA understand how it fits into modern processes to maximize its benefits.

This talk describes three different ways of approaching static code analysis and explains the advantages and disadvantages of each, including test coverage, performance, and standards compliance. Starting with older server-based and desktop-based analysis, followed by the latest continuous static analysis for CI, you will walk away with an understanding of the different types of SCA and how to choose the best option that fits your team's processes, environment, and release schedules.