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Static program analysis

Analysis of computer software that is performed without actually executing programs, in contrast with dynamic analysis, which is analysis performed on programs while they are executing.

Snippet from Wikipedia: ***Static program analysis***

> In computer science, **static program analysis** (or **static analysis**) is the analysis of computer programs performed without executing them, in contrast with dynamic program analysis, which is performed on programs during their execution.
>
> The term is usually applied to analysis performed by an automated tool, with human analysis typically being called "program understanding", program comprehension, or code review. In the last of these, software inspection and software walkthroughs are also used. In most cases the analysis is performed on some version of a program's source code, and, in other cases, on some form of its object code.

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method, requirements, architecture, programming, test, maintenance, ci, projects, release

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