



**Configurable:** Rules are highly customizable, and you can extend ESLint's functionality with plugins and shareable configurations. **Integrates with editors:** It can be configured to run automatically in editors like VS Code, showing errors directly as you type. **Pluggable:** The entire system is pluggable, meaning you can add new rules and formatters at runtime. **Written in JavaScript:** It uses Node.js, making it easy to install via npm.

## How it works

**Analyzes code:** ESLint analyzes your code without executing it (static analysis).

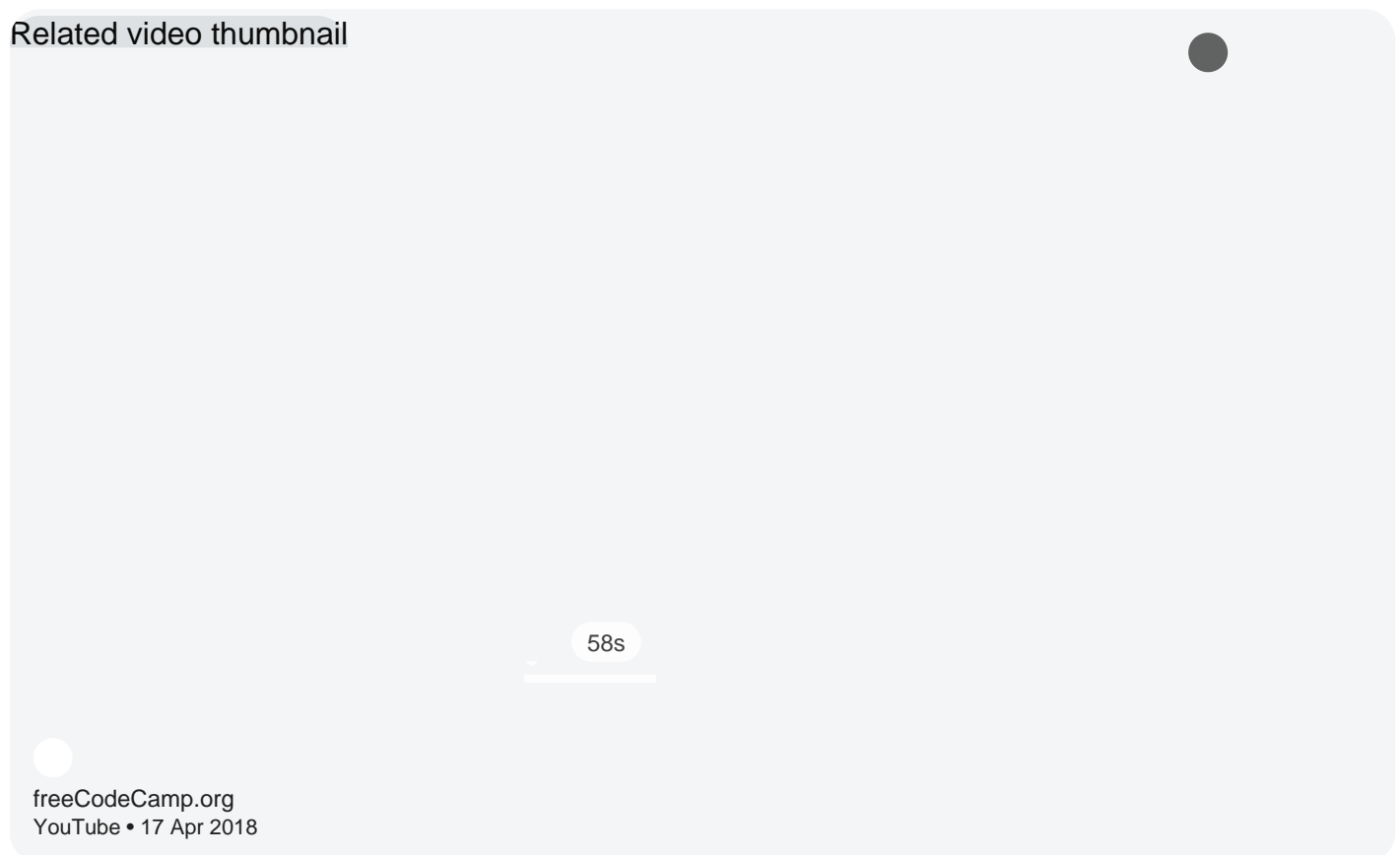
**Applies rules:** It checks the code against a set of rules defined in a configuration file, which can be a `.eslintrc.json` or a similar format.

**Reports issues:** When a rule is violated, it reports the issue, often with an error message and location.

**Can autofix:** With configurations like `--fix` in many editors, it can automatically fix certain issues for you.

This video explains how to initialize and configure ESLint with a quickstart guide:

Related video thumbnail



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