

# Static Analysis

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Lecture #23 out of 24  
80 minutes

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STEVEN JOHNSON

“**Lint** is a command which examines C source programs, detecting a number of bugs and obscurities. It enforces the type rules of C more strictly than the C compilers. It may also be used to enforce a number of portability restrictions involved in moving programs between different machines and/or operating systems. Another option detects a number of wasteful, or error prone, constructions which nevertheless are, strictly speaking, legal.”

— Stephen C. Johnson. *Lint, a C Program Checker*. Bell Labs, 1977

## My Favorite Static Analyzers

- SpotBugs for Java
- Clang-Tidy for C++
- clippy for Rust

# References

Stephen C. Johnson. *Lint, a C Program Checker*. Bell Labs, 1977.