Sonar | SonarQube ide

Integrated code quality and security begins with SonarQube IDE

SonarQube for IDE is a free, open source static analysis tool and advanced linter that instantly identifies and helps you resolve quality and security issues in real-time, even in AI-generated code. Using local analysis, and supporting over 25 languages and most popular IDEs, it goes beyond simply highlighting problems, providing detailed contextual information to level up your coding experience and acting as your personal coding tutor. Leveraging over 6,000 coding and language-specific rules, it instantly highlights bugs, vulnerabilities and code smells, in both human and AI generated code, as well as providing contextual guidance on how to fix them.

As an integral part of the Sonar solution, SonarQube for IDE helps developers continuously improve the quality and security of all code. It works seamlessly with SonarQube Cloud (SaaS) and SonarQube Server (self-managed) to deliver an end-to-end solution, empowering you to prevent issues as you code, no matter what languages or tools you use. Trusted by 7 million developers and over 400,000 organizations.

25+
supported languages

11+
supported IDEs

6,500+
coding rules

1 Million
active users

- **Extensive Language Support:** Get comprehensive analysis across 25+ popular languages, frameworks, and Infrastructure as Code (IaC) platforms.
- **Effortless Integration:** Install quickly and easily from your favorite IDE marketplace for instant productivity.
- **Seamless DevOps Workflow:** Benefit from native integration with the four major DevOps Platforms for a streamlined development process.
- **Leverages the power of AI:** Copilot agent support, and native MCP support (alpha release). Plus AI CodeFix to generate AI powered fixes.

- **Complete Code Quality Solution:** Achieve end-to-end code quality and security when connected with SonarQube Server or SonarQube Cloud.
- **Real-time Feedback:** Receive instant insights into code reliability, security, and maintainability, both in human and AI generated code, as you create it.
- **Actionable Guidance:** Leverage contextual, in-IDE education to efficiently resolve issues.
- **Accelerated Development:** Save time with contextual quick fixes.

Trusted by over 7M developers and 400K organizations

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