

SonarQube Flavors

SonarQube® is an automatic code review tool to detect bugs, vulnerabilities and code smells in your code. It can integrate with your existing workflow to enable continuous code inspection across your project branches and pull requests.

| | Community Edition | Developer Edition | Enterprise Edition | Data Center Edition |
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| INTRODUCTION | Community Edition provides developers and development teams with a smart and integrated solution for code review. Its unique leak methodology enables developers to systematically improve maintainability, reliability and security across 15 programming languages through direct integration with popular IDEs, build tools and workflows. | Developer Edition provides innovative features for developers to systematically track and improve the quality and security of their code. It comes with analysis of branches and pull requests, support for 22 programming languages and also adds detection of injection vulnerabilities (in Java, C# and PHP) to SonarSource's industry-leading, open source products. | Enterprise Edition provides key features to manage code quality and security at the Enterprise level, providing code analyzers for modern and legacy languages, adding Portfolio Management, Security Reports and expert technical support to SonarSource's industry-leading, open source products. | Data Center Edition is ideal for mission-critical enterprise deployments that need a secure and reliable infrastructure to manage code quality and security. It allows distributed teams to collaborate on large projects by combining SonarSource's industry-leading, open source code quality and security tools, ensuring maximum uptime and data resiliency. |
| PRICE | Free & Open Source | Starts at €120 | Starts at €15,000 | Starts at €100,000 |
| FEATURES | <ol style="list-style-type: none"> 1. SonarQube & 60+ plugins 2. Detect Bugs & Vulnerabilities 3. Review Security Hotspots 4. Track Code Smells & fix your Technical Debt 5. Code Quality Metrics & History 6. CI/CD integration 7. SonarLint | <ol style="list-style-type: none"> 1. All Community Edition Features. 2. Analysis of feature and maintenance branches 3. Pull Request decoration for: Github, Bitbucket, AzureDevOps 4. Detection of injection flaws in Java, C#, PHP 5. SonarLint notifications 6. Optional Support Option | <ol style="list-style-type: none"> 1. All Developer Edition Features. 2. Portfolio Management 3. Security Reports 4. Executive Reporting 5. Project Transfer | <ol style="list-style-type: none"> 1. All Enterprise Edition features 2. Component redundancy 3. Data Resiliency 4. Horizontal Scalability 5. Expert technical support |
| PROGRAMMING LANGUAGE COVERAGE | <ul style="list-style-type: none"> • Java • JavaScript • C# • TypeScript • Kotlin • Ruby • Go • Scala • Flex • Python • PHP • HTML • CSS • XML • VB.NET | <ul style="list-style-type: none"> • Java • JavaScript • C# • TypeScript • Kotlin • Ruby • Go • Scala • Flex • Python • PHP • HTML • CSS • XML • VB.Net • C • C++ • Objective-C • T-SQL • ABAP • PL/SQL • Swift | <ul style="list-style-type: none"> • Java • JavaScript • C# • TypeScript • Kotlin • Ruby • Go • Scala • Flex • Python • PHP • HTML • CSS • XML • VB.Net • C • C++ • Objective-C • T-SQL • ABAP • PL/SQL • Swift • Apex • COBOL • PL/I • RPG • VB6 | <ul style="list-style-type: none"> • Java • JavaScript • C# • TypeScript • Kotlin • Ruby • Go • Scala • Flex • Python • PHP • HTML • CSS • XML • VB.Net • C • C++ • Objective-C • T-SQL • ABAP • PL/SQL • Swift • Apex • COBOL • PL/I • RPG • VB6 |

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| Business Benefits | <ul style="list-style-type: none"> • Full-featured code quality tools for developers • Free and Open Source and broadly adopted • Ideal complement to your development processes • Low learning curve with built-in integration with most popular IDEs and CI tools • Speedy identification and correction of new quality issues in the IDE • Efficient management of technical debt through unique "leak detection" methodology | <ul style="list-style-type: none"> • Full-featured quality management tool for small or large development teams • Maximum visibility of open issues and quality status through branch analysis features • Increased developer productivity through real-time quality notifications • Ongoing monitoring of project health through browser-based dashboards | <ul style="list-style-type: none"> • Full-featured quality management tool for enterprise software portfolios • Top-down and granular dashboards to monitor project health and risk • Maximum visibility for all stakeholders with fast, efficient analysis and reporting • Rapid issue resolution via expert technical support • Future-proof; all code analyzers included • DevOps integration and developer productivity features | <ul style="list-style-type: none"> • Full-featured quality management for enterprise workloads • Maximum uptime with high availability and data resiliency • Top-down and granular dashboards to monitor project health and risk • Maximum visibility for all stakeholders with fast, efficient analysis and reporting • Rapid issue resolution and ROI maximization via expert technical support |
| STAGING LICENSE | No Staging License | Developer Edition includes one staging licenses. | Enterprise Edition includes two staging licenses. | Data Center Edition comes together with three additional licenses to cover testing, staging & disaster recovery environments. |
| LACKED FEATURES AND DRAWBACKS | <ul style="list-style-type: none"> • No Branch Analysis • No PR Decoration • No Expert Support • No extra staging license | <ul style="list-style-type: none"> • Developer Edition is available up to 20M Lines of Code. • No Portfolio Management • No Security Reports • No extra staging license | <ul style="list-style-type: none"> • Enterprise Edition is available up to 100M Lines of Code. Beyond, you surely need high availability which comes with Data Center Edition. | <ul style="list-style-type: none"> • Costly |
| WHEN TO USE | <ul style="list-style-type: none"> • For Development Environment. • No Branch Analysis and PR Decoration is required. | <ul style="list-style-type: none"> • If Branch Analysis is Required. • LOC is below 20M • No Portfolio and Security Reports are required. | <ul style="list-style-type: none"> • If LOC is upto 100M. • Portfolio and Reporting is required. • Can be used for Mission Critical projects. • Dedicated Support is required. | <ul style="list-style-type: none"> • If LOC is greater than 100M. • Organizations running a very large deployment of SonarQube requiring maximum application uptime. • Mission Critical Projects • SonarSource Dedicated Support is required |