

# Sonar code analysis

🌐 Language: [Deutsch](#) · [English](#)

## 🔧 Sonar code analysis

Static code analysis with SonarCloud – mvn sonar:sonar, SONAR\_TOKEN, Java 17 and branch analysis.

- HOW-TO
- DEVELOPER
- UPDATED: JUL 2026
- APPLIES TO NUCLOS 4.2026.X

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A **Sonar code analysis** including coverage is available via the cloud (from **v4.2024.13**): [sonarcloud.io](#). The analyses are produced by the nightly integration-test CI job for master.

### Invocation

The Sonar settings in the Nuclos pom.xml add the analysis automatically:

```
mvn sonar:sonar
```

 **Prerequisites**

The Sonar Maven plugin requires **Java 17**. An upload requires a permission (environment variable SONAR\_TOKEN).

### Developer branches

SonarCloud can distinguish Git branches. To focus the analysis on the branch changes, the call is extended (e.g. with -Dsonar.branch.name=\$GIT\_BRANCH, set by Jenkins). Sonar treats such branches as „short-lived“.

### Related pages

 **Code coverage (JaCoCo)**

Coverage.

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