

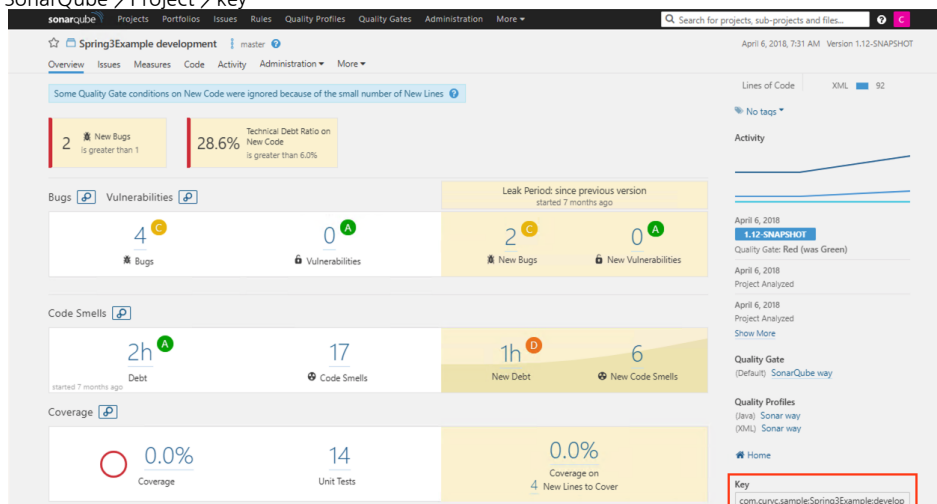
SonarLint for Eclipse

이 문서는 Sonarlint for Eclipse의 가이드를 공유하기 위해 작성되었다.

- 사전 조건
- [sonarlint plug-in down](#)
- [SonarQube 연결](#)
- [소스코드 분석](#)

사전 조건

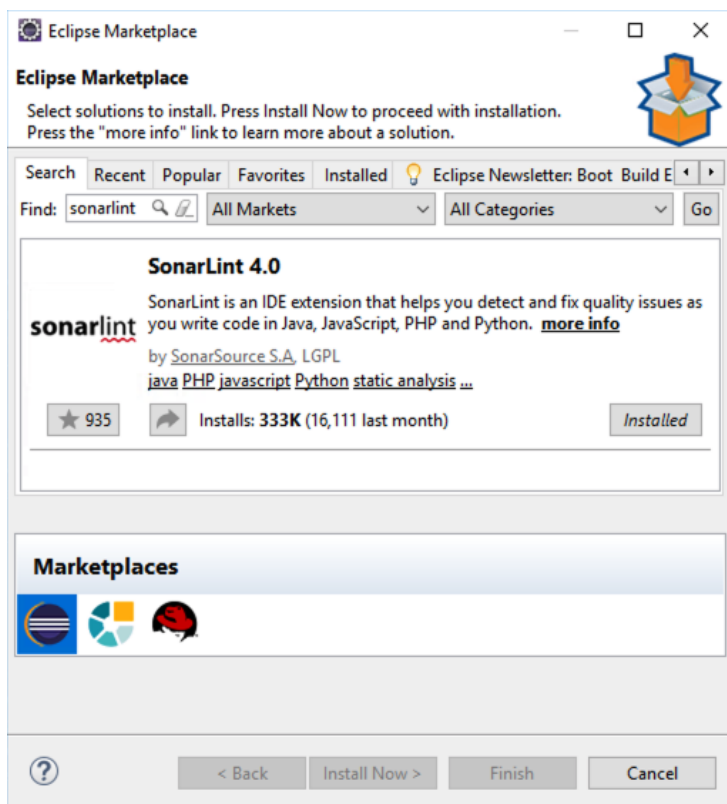
- SonarQube 설치
- SonarLint 연결 전 SonarQube에서 Project가 분석되어야 한다
- SonarQube token 생성
SonarQube 사용자 메뉴 > My Account > Security > Generate New Token > Generate
- SonarQube project key 준비
SonarQube > Project > key



sonarlint plug-in down

Eclipse > Help > Eclipse Marketplace

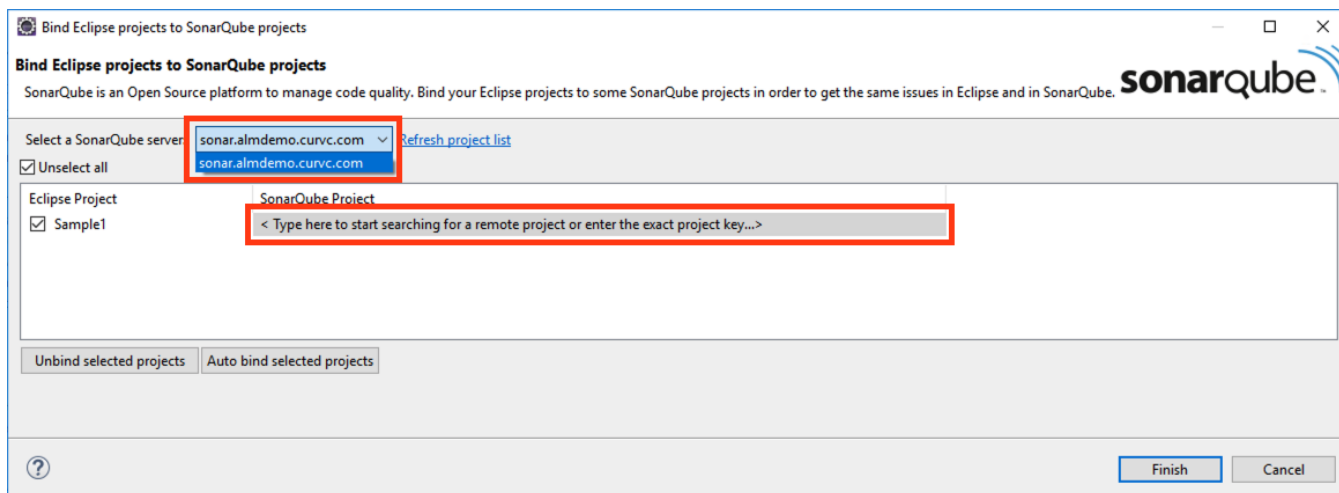
- sonarlint 찾기



SonarQube 연결

Eclipse Project 우클릭 > SonarLint > Bind to a SonarQube Project > SonarQube 서버 및 프로젝트 연결

- SonarQube 서버 주소 입력 예) <http://sonar.almdemo.curvc.com>
 - 준비된 SonarQube token을 사용해 연결
- SonarQube project key를 이용해 project 연결



소스코드 분석

SonarQube의 project에 적용된 Quality Profile은 SonarLint 프로젝트에 동일하게 적용된다.

The screenshot displays the SonarQube web interface for a project named "Spring3Example master". The interface is divided into several sections:

- Header:** Includes navigation links like "Projects", "Portfolios", "Issues", "Rules", "Quality Profiles", "Quality Gates", "Administration", and "More". A search bar is also present.
- Project Overview:** Shows the project name "Spring3Example master" and a status "master". It includes tabs for "Overview", "Issues", "Measures", "Code", "Activity", and "Administration".
- Issues Section:** Displays a list of code quality issues. The first issue is "Immediately return this expression instead of assigning it to the temporary variable 'copyResult'", located in `src/main/java/com/curvc/sample/Circle.java`. Other issues include "Replace this use of System.out or System.err by a logger" and "Rename this constant name to match the regular expression".
- Filters:** A sidebar on the left allows filtering issues by "Type" (Bug, Vulnerability, Code Smell), "Severity" (Minor, Critical, Major), and "Resolution" (Open, Closed).
- File Explorer:** A tree view on the left shows the project structure, including `src`, `target`, `pom.xml`, and various test files.
- Table of Issues:** A table at the bottom lists the issues with columns for "Resource", "Date", and "Description".

Resource	Date	Description
Circle.java	1 year ago	Immediately return this expression instead of assigning it to the temporary variable "copyResult".
HelloWorld.java	1 year ago	Replace this use of System.out or System.err by a logger.
Rectangle.java	11 months ago	Rename this constant name to match the regular expression "[A-Z][A-Z0-9]*([A-Z0-9]+)?\$".
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