

1. Record Nr.	UNINA9910785873103321
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Titolo	Sonar code quality testing essentials [[electronic resource]] : achieve higher levels of software quality with sonar / / Charalampos S. Arapidis
Pubbl/distr/stampa	Birmingham, : Packt Publishing, 2012
ISBN	1-283-59395-5 9786613906403 1-84951-787-8
Edizione	[1st edition]
Descrizione fisica	1 online resource (318 p.)
Collana	Community experience distilled
Disciplina	621.38930285536
Soggetti	Software sequencers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: An Overview of Sonar; What is Sonar?; How it works; What makes Sonar different; Sonar in the lifecycle; Features of Sonar; Overview of all projects; Coding rules; Standard software metrics; Unit tests; Drill down to source code; Time machine; Maven ready; User friendly; Unified components; Security measures; Extensible plugin system; Covering software quality on Seven Axes; How Sonar manages quality; Architecture of Sonar; Source code analyzers; Squid; Checkstyle; PMD FindBugsCobertura and Clover; The Sonar community and ecosystem; The SonarSource company; Awards and conferences; Sonar license; Summary; Chapter 2: Installing Sonar; Prerequisites for Sonar; Checking your Java installation; Installing Maven on Linux; Installing Maven on Windows; Installing MySQL on Linux; Installing MySQL on Windows; Downloading Sonar; Installing the Sonar web server; Sonar server basic configuration; Configuring MySQL; Creating the database; Setting up Sonar with MySQL; Starting Sonar as a service; Run as a service on Linux; Run as a service on Windows Logging in to Sonar for the first timeSecuring your Sonar instance; Sonar authentication and sources visibility; Creating users and groups; Managing project roles; Backing up your data; Sonar instance configuration backup; Filesystem backup; Backing up the MySQL sonar

database; Extending Sonar with plugins; Installing the Useless Code Tracker plugin; Upgrading Sonar from the Update Center section; Checking compatibility of plugins; Upgrading to latest Sonar version; Summary; Chapter 3: Analyzing your First Project; Using a Java runner; Configuring the runner
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Unused modifier violationModified Order violation; Correctness - Repeated conditional tests; Creating your first analysis event; Getting visual feedback; Summary; Chapter 4: Following Coding Standards; A brief overview of coding standards and conventions; Java standards; Sonar profiles, rules, and violations; The Rules Compliance Index; Managing quality profiles; Creating a profile; Associating projects to profiles; Managing rules; Adding a rule; Configuring a rule; Regular expressions; Boolean expressions; Token and value-based rules; Backing up and restoring profiles
Creating a coding standards profile

Sommario/riassunto

Achieve higher levels of Software Quality with Sonar
