AppPerfect

Web Testing, Java Testing, Server Monitoring

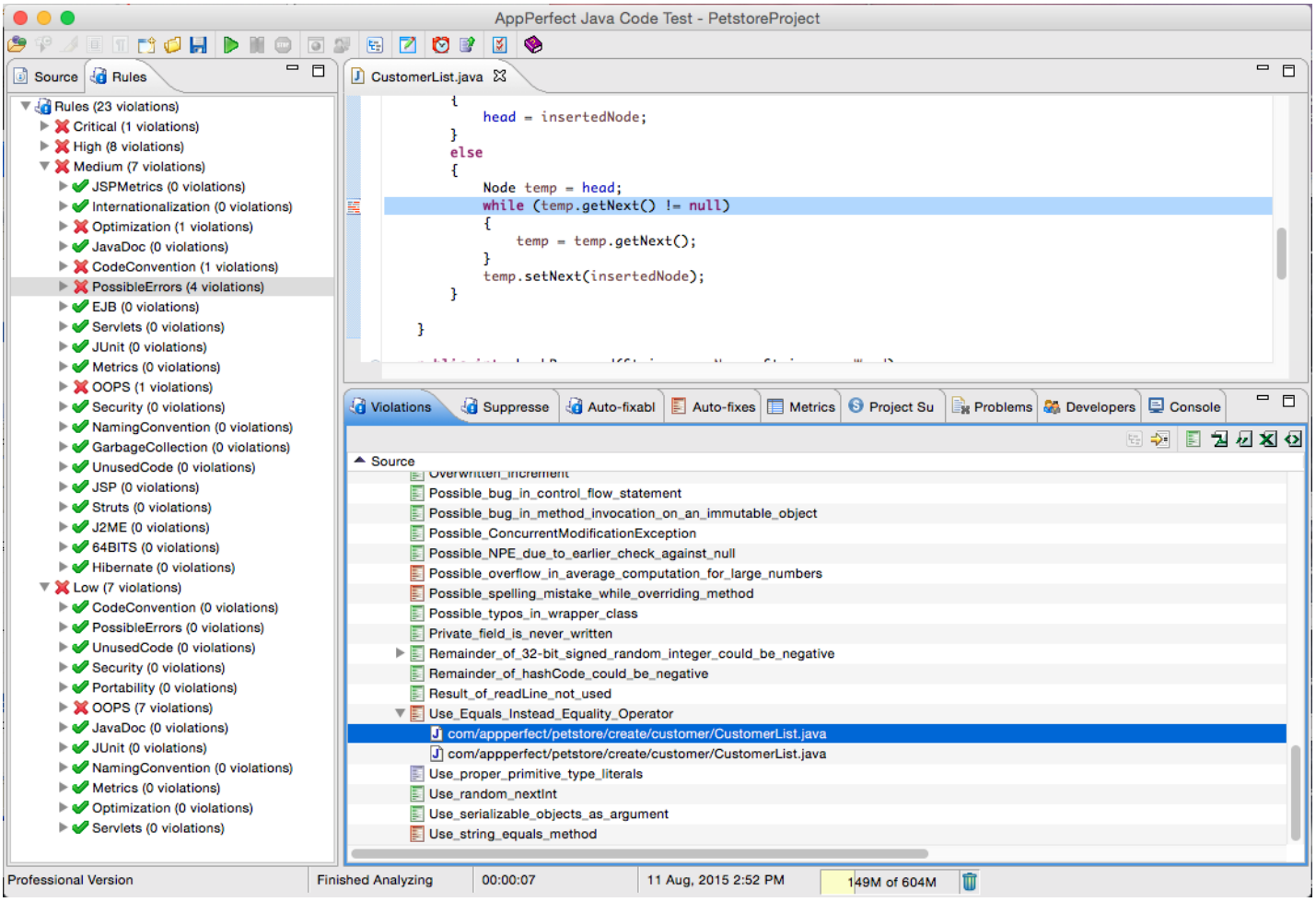
# AppPerfect Java Code Test

## Overview

**AppPerfect Java Code Test** is a Java code analysis software designed to perform the following two key tasks: **Automate Java code review** and **Enforce Good Java Coding Practices**. AppPerfect Code Test analysis your Java and Java Server Pages (JSP) source code and applies **over 750 Java coding rules** to apply the collective knowledge of leading experts in the Java programming field to your code.

Locating and fixing Java coding problems during source code development time is arguably the cheapest way to resolve problems. As your project goes past the development phase, in to testing and deployment, the cost of fixing problems grows exponentially. By conducting source code analysis and successfully identifying and correcting all such issues, software developers can eliminate the risk and potential costs early in the software development cycle.

## Screenshot



## Key Features

- **Apply 750 Java coding rules:** Test your Java code against over 750 built-in rules, representing the collective knowledge of numerous experts in the field. These rules are categorized into various functional areas such as security, optimization, portability,i18n, possible errors, coding standards, etc.
- **Auto fix over 180 types of violations:** Once errors are detected, AppPerfect can automatically fix over 180 types of violations. You simply review and approve the changes.
- **Detailed Metrics Information:** AppPerfect will thoroughly analyze your Java code and provides detailed information about various metrics for the source code like number of code lines, comments lines, complexities of methods, number of methods, etc.This information is vital for Java code compliance
- **Informative and user friendly reports:** AppPerfect Java Code Analyzer provides reports that help you pin point problems in your code. These reports are available through the UI and can be exported into various formats like HTML, PDF, CSV, XLS, XML etc.
- **Scheduling & Notification:** You can automate your Java code review by scheduling your code analysis tests using the AppPerfect Test Manager product. You can also use the built in Notifications manager module of the AppPerfect Test Manager product to send an email, SMS or file notification when a test is complete.
- **IDE Integration:** AppPerfect Java Code Test supports IDE integration with most commonly used IDEs. This enhances ease-of-use and productivity. Currently supported IDEs are Eclipse, NetBeans, IntelliJ, JBuilder and JDeveloper.
- **ANT Integration and Command line execution:** Test execution can be integrated into ANT build scripts to automate Java code testing. A more generic command line (non-UI) execution is also supported to execute tests from a .bat or .sh file.

## Online Demos

- Analyzing a project in Standalone Mode
- Understanding Rules Manager
- Analyzing a project inside Eclipse IDE
- Custom Rule Creation

## Tutorials

- Code Analyzing a Project

## Supported Products

- JDK: JDK 1.7 (v1.3 and higher), JRocket 4.1 and higher, IBM JDK 1.3.1 and higher
- OS: Windows 2000/XP/2003/Vista/7/8/10, Linux x64 (CentOS v7, RHEL v6, Ubuntu v14.x), Mac OS X 10.10.x (10.7.x and higher)
- IDE: Eclipse 4.4.2 and higher, IBM WebSphere Studio 5.x, IBM RAD 6.x and higher, NetBeans 8.x and higher, IntelliJ IDEA 14.x, JDeveloper 11.x and higher
- AppServer: Tomcat 8.x, WebLogic 8.0 and higher; IBM WebSphere 8.0 and higher; JBoss 7.0 and higher, JRun 4 andhigher, OracleAS 12 and higher

## AppPerfect Java Testing Services

AppPerfect is more than just your software provider. We can help you implement them. Our team of highly trained experts can shorten implementation time and provide fast results. Our services include:

- "Start Pack": Initial setup and training
- Test Design: Build tests to achieve your functional objectives
- Results Analysis: Analyze results and recommend actions
- Test Automation: Automate tests so they become part of your development process
- Custom enhancements: Extend any AppPerfect product with your needs

Please visit our **Professional Services** center for more details

## Licensing & Download

A free 15-day evaluation version of the AppPerfect Java Code Test can be downloaded from our **Download Center**. The evaluation version is limited to 5 files per project.

AppPerfect Java Code Test is licensed on a per desktop or floating license basis. A desktop license is assigned to a specific machine. A Floating license can be shared between multiple machines. A Desktop license is priced at $299 per license. A Floating license is priced at $399 per license. Please visit **AppPerfect Sales Center** for additional pricing, licensing, maintenance and purchasing information.

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