MEND

Mend Advise for IntelliJ IDEA

The Challenge

Addressing security requirements or best practices during development can often slow down developers. To implement a secure development process without hindering agility or alienating developers, application security tools need to be integrated in a way that does not interfere with developers' preferred coding processes and environments.

How can we help developers to code securely without interrupting or delaying their programming workflow?

The Mend Solution

The Mend IntelliJ IDEA plugin is designed for seamless IDE integration. It runs in the background, checking for known security vulnerabilities in the project and presents the findings within the IntelliJ IDEA editor so that it doesn't interrupt the development workflow.

The plugin alerts on security issues when developers reference a component with a known open source vulnerability.
It presents all of the relevant details, including actionable remediation recommendations to support a quick and efficient fix upon the user's request.
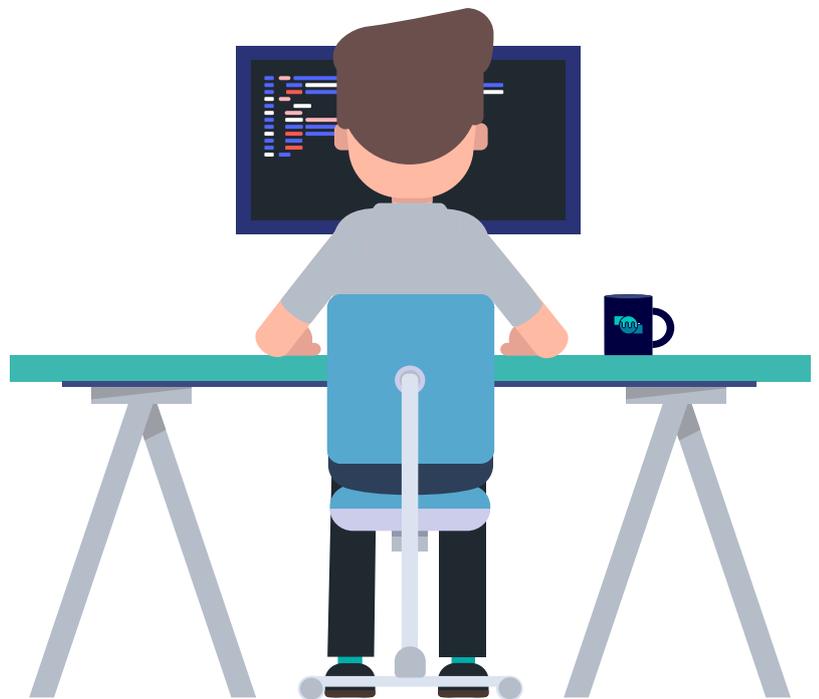
Top Benefits

1 Early Visibility

Gain immediate visibility of known security vulnerabilities in open source components, including projects with transitive component dependencies. Learn about a component's vulnerabilities as soon as it is added to your code, even before a commit. Review helpful security recommendations early when it's still easy to replace the vulnerable component.

2 Effortless Security

The Mend IntelliJ IDEA plugin runs silently in the background within your IDE UI. It allows you to maintain an interruption-free — and security-conscious — coding experience that does not mandate explicit security checks that can slow down development.

3 A Fusion of Security and Development

Integrate security seamlessly into the software development lifecycle. The plugin enables you to maximize application security without leaving the IntelliJ IDEA UI, negating the need for additional tools.

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Data Specifications

| Languages	Java projects using Maven
File Extensions	POM.xml
Package managers	Maven
Supported Versions	Maven 2.2.1 and above
Results inspection	IntelliJ IDEA 2018 and above

Code Editor Alert

Once a vulnerable component is detected, icons appear in the code editor. The icon's color indicates the severity of vulnerability.
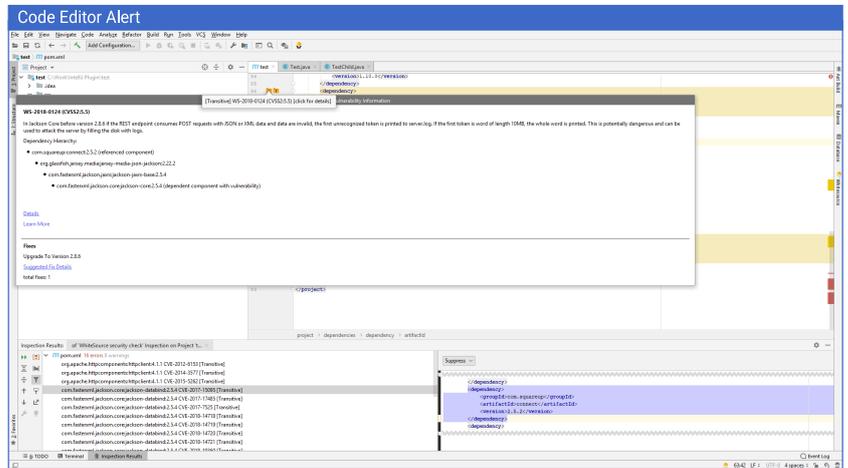

Inspection Results

This pane lists reported vulnerabilities associated with open source components referenced within the project's pom.xml, including transitive dependencies.
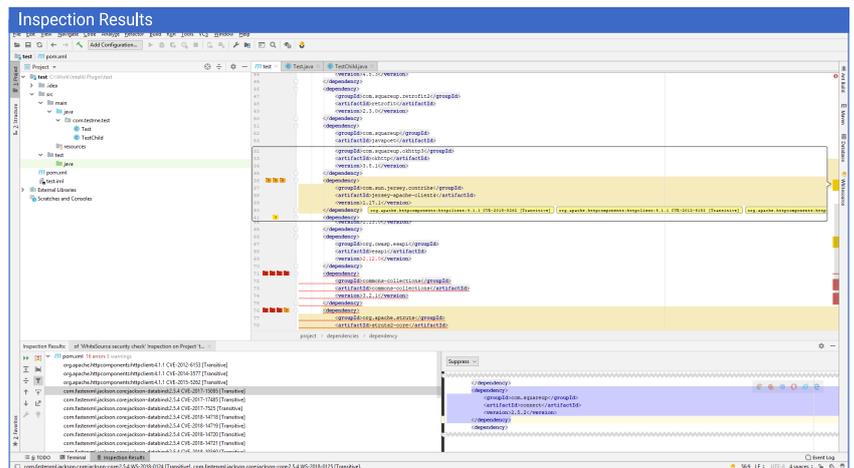
New Vulnerability Alert

When a new vulnerability is detected, the relevant code is highlighted for additional emphasis.
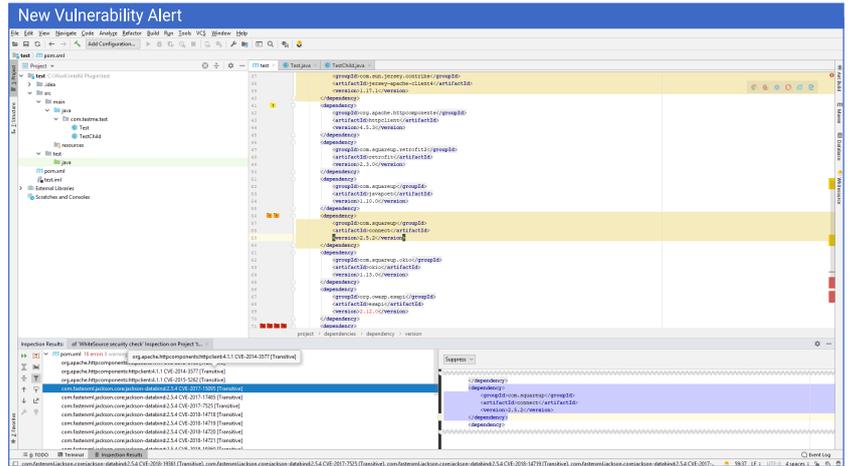
About Mend

Mend, formerly known as WhiteSource, effortlessly secures what developers create. Mend uniquely removes the burden of application security, allowing development teams to deliver quality, secure code, faster. With a proven track record of successfully meeting complex and large-scale application security needs, the world's most demanding software developers rely on Mend. The company has more than 1,000 customers, including 25 percent of the Fortune 100, and manages Renovate, the open- source automated dependency update project.

For more information, visit www.mend.io, the Mend blog, and Mend on LinkedIn and Twitter.

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