

# The Developer's Guide to an Easier Life

## You Code. We Renovate.

### Why should I update my dependencies?

Ensuring your dependencies are kept up to date is one of the easiest ways to keep your software secure, reduce your technical debt, and prepare yourself to react to the next zero-day vulnerability. Yet, most developers find the process painful.

### What is Renovate?

Renovate is an open source tool by Mend for developers and DevOps that automatically creates pull requests (PRs) for dependency updates. Our PRs embed all the information you need to ease your update decision. Renovate keeps your open source, internal, and cloud-native dependencies up-to-date with the latest versions to improve security, maintainability, and overall functionality.

### How does Renovate work?

1. Scans your repos to detect dependencies (support for more than 65 package managers)
2. Checks if newer versions exist
3. Raises PRs for available updates with crowdsourced tests status, package adoption data, release notes, and commit histories.




This PR contains the following updates:

Package	Change	Age	Adoption	Passing	Confidence
org.webjars:jquery (source)	3.5.1 -> 3.6.0	 1y	 40%	 100%	 very high

#### Configuration

 **Schedule:** At any time (no schedule defined).

 **Automerge:** Disabled by config. Please merge this manually once you are satisfied.

 **Rebasing:** Whenever PR becomes conflicted, or you tick the rebase/retry checkbox.

 **Ignore:** Close this PR and you won't be reminded about this update again.

### Get started with 3 simple steps

1. Install the Renovate app, download the CLI tool, or request a (free) self hosting license key from the Mend website.
2. Select the repos you would like Renovate to scan. An onboarding PR will be created for each repo you select.
3. The onboarding PR will contain a preview of the actions Renovate will take. Review them, then merge the PR.

### 4 reasons to automate dependency updates with Renovate

**Save time.** Developers save up to 20 percent of their development time by automating their dependency updates.

**Improve your zero-day readiness.** In the event of a zero-day vulnerability, you'll be able to simply apply the fix, instead of dealing with a complex upgrade.

**Improve security.** Over 90 percent of new vulnerabilities are fixed with security patches before the vulnerability is publicly disclosed. These newly disclosed vulnerabilities are prevented by maintaining up-to-date dependencies.

**Stop worrying about breaking your build.** Crowd-sourced Merge Confidence data and package adoption data are used to identify whether an update can be safely merged or contains potential risk.



### **Reduce technical debt.**

Our automated, proactive dependency updates help ensure that your software dependencies are current with the latest versions.

### **Avoid zero-day vulnerability fire drills.**

Keep your project nimble so you can apply urgent, zero-day security patches without risk.

### **Automate high confidence updates.**

Set up auto-merging without human intervention, for updates that pass your tests and satisfy your custom auto-merge rules.

### **Start easily. Renovate works out-of-the-box.**

Leverage smart defaults that can be modified with custom overrides at the repository, package file, dependency type, and package levels.

### **Don't let us get in your way.**

Group and schedule updates to ensure they don't interrupt your existing workflows.

### **Get automated suggestions.**

Apply dependency management best practices and personalized, optimal configurations at the click of a button.

### **Improve your coverage.**

Run Renovate on your third-party, internal, and cloud native dependencies in both public and private repos.

### **Our strong community has your back.**

Renovate is an open source project with more than 700 open source contributors, 10,000 GitHub stars, and 1 billion Docker pulls.

### **Works Where You Do.**

Renovate supports all major code repos and pipelines including AWS CodeCommit & CodeBuild, GitHub, GitLab, BitBucket, Gitea, and several more.

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## **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](https://www.mend.io), the Mend blog, and Mend on LinkedIn and Twitter.