JRebel + spring boot

RogueWave SOFTWARE

Spring Boot makes it easy to create Spring-based, production-grade applications. And when you're leveraging a high-performance framework like Spring Boot, you probably want to spend your time coding, not waiting. But that's what happens every time you make a code change – the gears of the build and redeploy process grind away, perhaps for several minutes at a time. Enter JRebel.
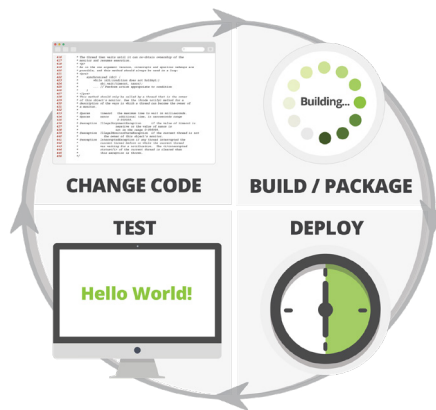
Speed up Java application development

JRebel is a JVM plugin that speeds up the development of Java applications by skipping the time-consuming build and redeploy steps. JRebel makes developers more productive since they can view code changes in real time, while preserving application state.
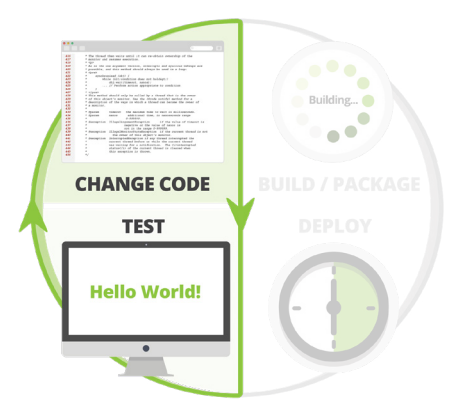
Spring recommends JRebel

" If you find that restarts are not quick enough for your applications or you encounter classloading issues, you could consider reloading technologies such as JRebel.

- Spring Boot documentation

JRebel improves app quality and speed of development using Spring Boot

Would you rather be waiting...   ...or coding?

CHANGE CODE   BUILD / PACKAGE
Building...
TEST   DEPLOY
Hello World!

CHANGE CODE   BUILD / PACKAGE
Building...
TEST   DEPLOY
Hello World!

Stop redeploying and keep developing!

Benefits: How JRebel helps developers

Do more development, faster. Stop waiting for the build and deploy steps to make code changes. All you need to do is write code and refresh your browser.

Streamline the development process. Keep your tempo and focus by eliminating the downtime spent waiting for application builds and redeploys.

Maintain application state. Avoid the time spent reproducing the pre-change application state after a redeploy.

Pinpoint and resolve bugs quickly. You can use your regular debugger to find, fix, and validate bugs on the fly, with no issues.

Achieve ROI in days or weeks. Reduce unexpected overtime and unbudgeted expenses across your team, saving hours of developer time every month.

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JRebel Features

- Reloads almost all code and configuration changes with Spring Boot

- Integrates with all the main JVMs and application servers in the Java ecosystem

- Includes IDE plugins for all major IDEs, helping with setup, configuration, and usage of the tool

- Integrates with 100+ frameworks in the Java ecosystem – whatever technologies your application uses, JRebel supports them

- Provides comprehensive debugger

- Enables class reloading for virtualization-base development setups using remote server support

Calculate the ROI for Java developers at your organization: jrebel.com/pricing
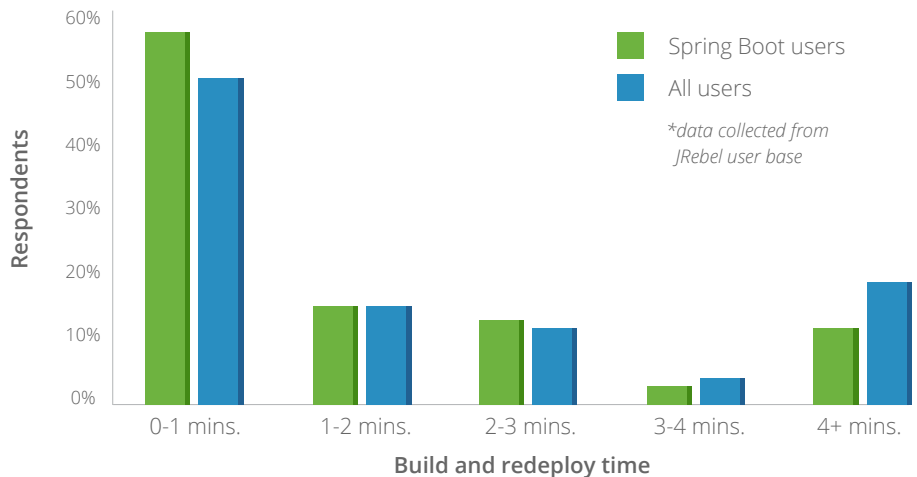
EVALUATE JRebel FOR FREE

Myth-busting: Does moving to Spring Boot always speed up redeploys?

There's a persistent myth that Spring Boot users always experience very fast redeploys. This may be true when starting a new application, when it's still young and small, but as the app becomes more complex – such as by adding more logic, libraries, and external dependencies – this may no longer be the case.

In reality, Spring Boot doesn't significantly reduce redeploy times. In a recent poll of the entire JRebel user base, including Spring Boot users, we asked, "How long does your build + redeploy take without JRebel?"

How long does your build + redeploy take without JRebel?

While Spring Boot users may have slightly faster redeploy times, the differences are small, busting the myth that Spring Boot always enables significantly faster redeploys.

Calculate your ROI

Our poll revealed that the average Spring Boot user, without using JRebel, experiences a redeploy time of 142 seconds. Drawing on ROI averages collected from our existing customers, this means **JRebel will save the average Spring Boot-equipped organization $146,881 per year for every team of 10 developers.**

Number of developers	10	devs
Build + Deploy time	2.4	minutes
Redeploys per hour	4	times
Avg. dev annual salary	80,000	USD

- JRebel improves developer efficiency by **19%**, allowing your team to complete the work of **11.9** developers.
- Doing this without JRebel would require **1.9** extra developers.
- This would cost you **$152,381** each year.
- JRebel licenses for your team would cost **$5,500** each year.
- **Your investment will pay off in 13 days.**