ZEROTURNAROUND

Complete Java Projects
10-23% Faster

JRebel

JRebel is an award-winning productivity tool for **Java EE development**.

Our Customers

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JRebel

Save. Refresh. Enjoy.

Higher Productivity + Lower Costs for your Java Development.

See Changes to Code Instantly
Average Redeploy time without JRebel: 2.5 minutes, 5 times per hour

Handles Lots of Changes
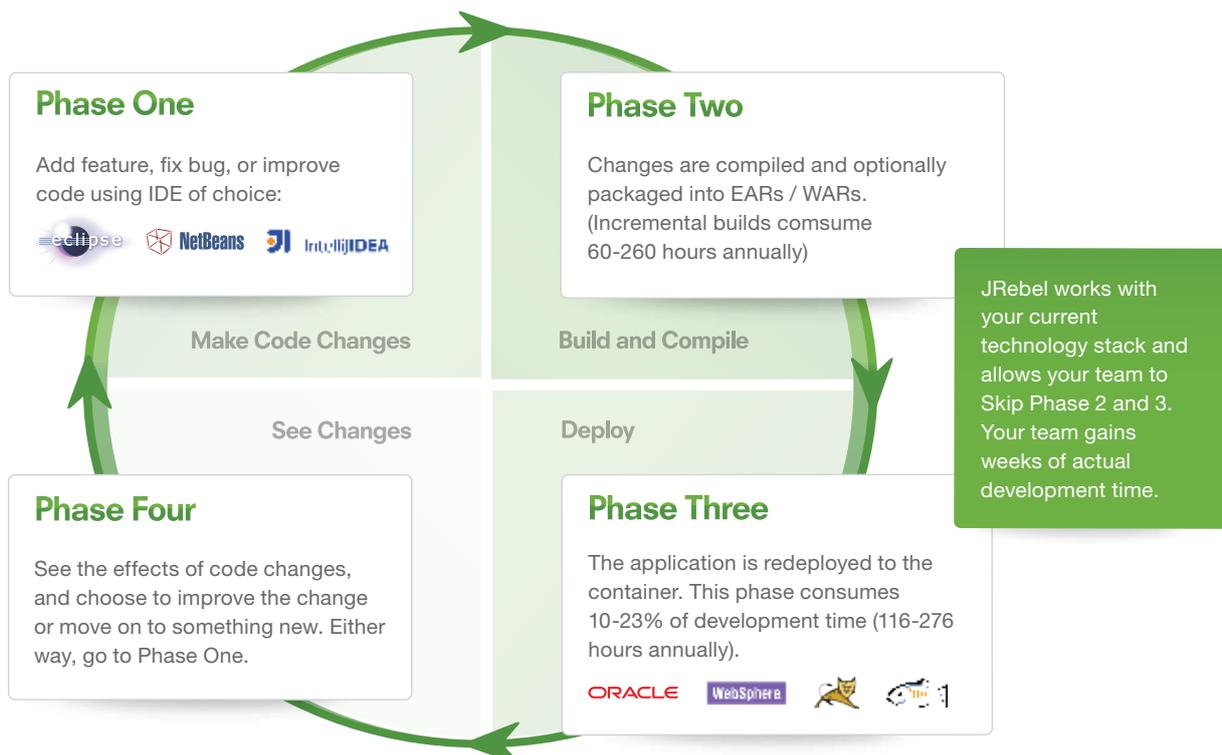Class Structures, Frameworks, Java EE

Instant Builds

Supports Your Stack
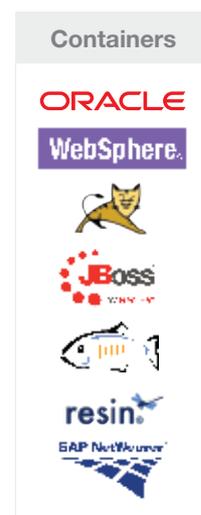All major containers, frameworks, IDEs

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JRebel maps your project workspace directly to your running application. When a developer makes a change to any class or resource in their IDE the change is immediately reflected in the application, skipping the build and redeploy phases.

The Java EE Development cycle

Phase One

Add feature, fix bug, or improve code using IDE of choice:

eclipse   NetBeans   IntelliJIDEA

Make Code Changes

See Changes

Phase Four

See the effects of code changes, and choose to improve the change or move on to something new. Either way, go to Phase One.

Phase Two

Changes are compiled and optionally packaged into EARs / WARs. (Incremental builds comsume 60-260 hours annually)

Build and Compile

Deploy

Phase Three

The application is redeployed to the container. This phase consumes 10-23% of development time (116-276 hours annually).

ORACLE   WebSphere

JRebel works with your current technology stack and allows your team to Skip Phase 2 and 3. Your team gains weeks of actual development time.

Comparison Matrix

	JRebel 🎖	JVM HotSwap
Time to reload	< 1s	< 1s
Leaks memory	No	No
Changes to method bodies	✔	✔
Changes To Class Structures		
Adding/removing methods	✔	✖
Adding/removing constructors	✔	✖
Adding/removing fields	✔	✖
Adding/removing classes	✔	✖
Adding/removing annotations	✔	✖
Changing static field value	✔	✖
Adding/removing enum values	✔	✖
Changing interfaces	✔	✖
Replacing superclass	✖	✖
Adding/removing implemented interfaces	✖	✖
Change Framework Configurations without Redeploying		
ResourceBundle	✔	✖
Spring Framework 2.x or later	✔	✖
Hibernate	✔	✖
JBoss Seam 2.x or later	✔	✖
Google Guice	✔	✖
Stripes 1.x or later	✔	✖
Apache log4j 1.2.x or later	✔	✖
Apache Struts 1.x, 2.x or later	✔	✖
Apache Tapestry4	✔	✖
Apache Velocity	✔	✖
Apache Wicket	✔	✖
Java EE support		
JSP EL changes	✔	✖
JSP Scriptlet changes	✔	✖
EJB 1.x to EJB 3.x session bean interface changes	✔	✖
JSF changes (Mojarra)	✔	✖
JPA changes (OpenJPA, TopLink)	✔	✖
CDI changes (Weld)	✔	✖
Instant Builds		
Skip builds for WAR directories	✔	✔
Skip builds for .WAR/.EAR class & resource updates	✔	✔
Map multiple source dirs to one .WAR/.EAR target dir	✔	✖
Map classes and resources with include/exclude patterns	✔	✖
Map multiple source dirs with Ant-style patterns	✔	✖
Use system properties to make mapping machine-independent	✔	✖
Maven plugin	✔	✖

Containers

ORACLE

WebSphere.

JBoss

resin.

SAP NetWeaver

IDEs

IntelliJ IDEA

NetBeans

eclipse

And Coming Soon to Private Beta:

LIVEREBEL

Live Production Updates with Zero Downtime

If updating your application is painful, or downtime is a serious issue – we'd like to hear from you.

> Update your application in production with zero downtime
> Avoid tedious and error-prone application update roll-outs
> Roll back unsuccessful updates with a press of a button

That's where we're going – and we're ready to demonstrate our technology.

If rollouts, updates, and downtime are issues that frustrate your teams – Contact us at support@zeroturnaround.com with the subject: LiveRebel Private Beta

ZEROTURNAROUND

European Union
Regional Development Fund   Investing in your future