JRebel Installation and Configuration

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## Prerequisites

Eclipse 3.6.1 Helios

JBoss Application Server (optional)

## Installing JRebel for Eclipse

### Add ZeroTurnaround Update Site

1. Go to *Window > Preferences > Install/Updates > Available Software Sites*
2. Click *Add…*
3. Fill the following fields:  
   *Name*: ZeroTurnaround Update Site  
   *Location*: <http://www.zeroturnaround.com/update-site/>

### Install JRebel for Eclipse

1. Go to *Help > Install New Software…*
2. For *Work with* field select “ZeroTurnaround Update Site”
3. Check JRebel node and all its sub-nodes
4. Follow the Eclipse instructions to complete the installation (will require to restart Eclipse)

## Configuring JRebel for Eclipse

1. Upon Eclipse restart JRebel Configuration Wizard opens
2. On the *Licensing* tab specify the License file location. If you don’t have a valid license file you may obtain a 30 days trial license by following the link on the same tab - [Get your free JRebel for Eclipse evaluation license](http://www.zeroturnaround.com/jrebel/eclipse-eval/?utm_source=EclipseMarketplace&utm_medium=EclipseIDE&utm_campaign=EclipseMarketplace).
3. Follow Configuration Wizard Instructions to complete the configuration. Note that you don’t need to create rebel.xml for caTissue project as it’s already there – you can find it under *<project root>/software/caTissue/src/java/WEB-INF/src* folder. Make sure the following JRebel Agent properties are set:

Table JRebel Agent Custom Properties

|  |  |  |
| --- | --- | --- |
| Name | Value | Description |
| deploy.temp.dir | *<project root>/software/target/dist/exploded/deploytempCatissuecore/catissuecore* | This property is used by rebel.xml and designates the root folder of exploded catissuecore.war which JRebel will be monitoring for changes. |

1. If you are not running JBoss from Eclipse use the instructions from JRebel Reference Manual on how to configure it: <http://www.zeroturnaround.com/reference-manual/server.html#server-4.4.11>. Note that REBEL\_HOME environment variable is not set during JRebel for Eclipse installation so you would need to either set it manually or use the expanded path to jrebel.jar which should be like the following: <Eclipse\_home>/plugins/org.zeroturnaround.eclipse.embedder\_3.6.0.201101311543/jrebel/jrebel.jar.

For further details see JRebel Reference Manual at <http://www.zeroturnaround.com/reference-manual/>

## Incremental Deployment

For now just copy the modified configuration files and java classes to the corresponding sub-folders of ${deploy.temp.dir} (see Table 1 JRebel Agent Custom Properties) – that should do the trick. Keep in mind that JRebel reloads classes and resources on them being accessed, so you will not see anything in the log immediately.

You may consider using FileSync plugin for Eclipse to synchronize your project files with those in ${deploy.temp.dir}.