



Spring Boot Developer Tools

Developer Tools

- Added to Project via artifact 'spring-boot-devtools'
- Developer Tools are automatically disabled when running a packaged application (ie java -jar)
- By default, not included in repackaged archives

Developer Tools Features

- Automatic Restart
 - Triggers a restart of the Spring Context when classes change
 - Uses two classloaders. One for your application, one for project jar dependencies
 - Restarts are very fast, since only your project classes are being loaded

Developer Tools Features

- Eclipse:
 - Restart is triggered with save (which by default will compile the class, which triggers the restart)
- IntelliJ:
 - By default you need to select 'Build / Make Project'
 - There is an advanced setting you can change to make this more seamless

Template Caching

- By default templates are cached for performance
- But Caching will require a container restart to refresh the cache
- Developer Tools will disable template caching so the restart is not required to see changes

LiveReload

- LiveReload is a technology to automatically trigger a browser refresh when resources are changed
- Spring Boot Developer Tools includes a LiveReload server
- Browser plugins are available for a free download at livereload.com

