

Errai

Errai CDI Quickstart Guide

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Preface

1. Document Conventions

2. Feedback

Errai CDI Maven Archetype

The different runtime models explained [here](https://docs.jboss.org/author/pages/viewpage.action?pagelId=5931501) [https://docs.jboss.org/author/pages/viewpage.action?pagelId=5931501] are all incorporated into this maven archetype using profiles. It enables execution in Development Mode and supports both packaging for deployment to a Servlet Engine and the JBoss Application Server.

To begin with we'll create a project layout using a maven build structure, which will provide us with a bare bone project, including all dependencies, which can later on be imported in your IDE of choice.

```
mvn archetype:generate \  
-DarchetypeGroupId=org.jboss.errai.archetypes \  
-DarchetypeArtifactId=cdi-quickstart \  
-DarchetypeVersion=1.3.1.Final \  
-DarchetypeRepository=https://repository.jboss.org/nexus/content/groups/  
public/
```

Customize the build properties according to your needs.

```
Define value for property 'groupId': : foo.bar  
Define value for property 'artifactId': : gwt-app  
Define value for property 'version': 1.0-SNAPSHOT:  
Define value for property 'package': foo.bar: com.foo.bar  
Confirm properties configuration:  
groupId: foo.bar  
artifactId: gwt-app  
version: 1.0-SNAPSHOT  
package: com.foo.bar  
Y:
```

The project will be created in a directory that corresponds to the provided artifactId.

Now we have a fully working build environment set up in a few, simple steps. You can already use it to launch the GWT development mode or to package your web application for deployment.

```
mvn gwt:run (launch hosted mode)  
mvn gwt:debug (launch hosted with debug settings)  
mvn install (package and install the web application)
```

To deploy your application to JBoss, you need to execute a clean rebuild using the JBoss profile (e.g. -Pjboss7)

```
mvn -Pjboss7 clean install
cp target/gwt-app.war $JBOSS_HOME/standalone/deployments
```



Importing the project into eclipse

The setup instructions for eclipse can be found in the Errai [WIKI](http://community.jboss.org/wiki/WorkingwithGWTCDIandErrai) [http://community.jboss.org/wiki/WorkingwithGWTCDIandErrai] .

Appendix A. Revision History

Revision History

Revision ToDo 0-0

ToDo Wed Jan 19 2011

ToDo

DudeToDo

McPants<ToDo Dude.McPants@example.com>

ToDo Initial creation of book

