

Building & running

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DistributeMe Registry project can be checked out from svn:

```
svn://svn.anotheria.net/opensource/distributeme/trunk/distributeme-registry
```

Building project or Downloading the war

There is also pom.xml in the project's directory so building this project with Maven:

```
mvn clean install
```

Getting the next:

```
...

[INFO] Webapp assembled in [1903 msecs]
[INFO] Building war: /Users/bezuhlyi/projects/distributeme-registry/target/distributeme.war
[INFO] WEB-INF/web.xml already added, skipping
[INFO]
[INFO] --- maven-install-plugin:2.3.1:install (default-install) @ distributeme-registry ---
[INFO] Installing /Users/bezuhlyi/projects/distributeme-registry/target/distributeme.war to /Users/bezuhlyi/.m2
/repository/net/anotheria/distributeme-registry/1.3.0-SNAPSHOT/distributeme-registry-1.3.0-SNAPSHOT.war
[INFO] Installing /Users/bezuhlyi/projects/distributeme-registry/pom.xml to /Users/bezuhlyi/.m2/repository/net
/anotheria/distributeme-registry/1.3.0-SNAPSHOT/distributeme-registry-1.3.0-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 27.194s
[INFO] Finished at: Fri Oct 26 17:13:45 EEST 2012
[INFO] Final Memory: 13M/81M
[INFO] -----
Process finished with exit code 0
```



alternatively you can simply download the latest registry from maven central and rename it to **distributeme.war**:

<http://search.maven.org/#search%7Cga%7C1%7Cg%3A%22net.anotheria%22%20AND%20a%3A%22distributeme-registry%22%20AND%20p%3A%22war%22>

Configuring Tomcat

Prepare your Tomcat for running DistributeMe Registry. Set up port for HTTP protocol connector to 9229, editing Tomcat's *server.xml*/config file, for example:

```
<Connector port="9229" URIEncoding="UTF-8" useBodyEncodingForURI="true" protocol="HTTP/1.1" connectionTimeout="20000" redirectPort="8443"/>
```

Save changes to server.xml.

Deploying application

Next step - starting tomcat. As usual, execute *./tomcat_directory/bin/catalina.sh run* from terminal in Unix-based systems. Output is something like this:

```

bezuhlyi:distributeme-registry bezuhlyi$ bin/catalina.sh run
Using CATALINA_BASE: /Users/bezuhlyi/tomcats/distributeme-registry
Using CATALINA_HOME: /Users/bezuhlyi/tomcats/distributeme-registry
Using CATALINA_TMPDIR: /Users/bezuhlyi/tomcats/distributeme-registry/temp
Using JRE_HOME: /System/Library/Frameworks/JavaVM.framework/Versions/CurrentJDK/Home
Using CLASSPATH: /Users/bezuhlyi/tomcats/distributeme-registry/bin/bootstrap.jar:/Users/bezuhlyi/tomcats
/distributeme-registry/bin/tomcat-juli.jar
Listening for transport dt_socket at address: 8999
26 ??? 2012 18:19:22 org.apache.catalina.core.AprLifecycleListener init
INFO: The APR based Apache Tomcat Native library which allows optimal performance in production environments
was not found on the java.library.path: ./Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java
26 ??? 2012 18:19:23 org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["http-bio-9229"]
26 ??? 2012 18:19:23 org.apache.coyote.AbstractProtocol init
INFO: Initializing ProtocolHandler ["ajp-bio-8009"]
26 ??? 2012 18:19:23 org.apache.catalina.startup.Catalina load
INFO: Initialization processed in 1494 ms
26 ??? 2012 18:19:23 org.apache.catalina.core.StandardService startInternal
INFO: Starting service Catalina
26 ??? 2012 18:19:23 org.apache.catalina.core.StandardEngine startInternal
INFO: Starting Servlet Engine: Apache Tomcat/7.0.27
26 ??? 2012 18:19:23 org.apache.catalina.startup.HostConfig deployWAR
INFO: Deploying web application archive /Users/bezuhlyi/tomcats/distributeme-registry/webapps/distributeme.war
26 ??? 2012 18:19:26 org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory /Users/bezuhlyi/tomcats/distributeme-registry/webapps/ROOT
26 ??? 2012 18:19:28 org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["http-bio-9229"]
26 ??? 2012 18:19:28 org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["ajp-bio-8009"]
26 ??? 2012 18:19:28 org.apache.catalina.startup.Catalina start
INFO: Server startup in 5162 ms

```

Now we need to deploy built DistributeMe Registry to Tomcat. Go to directory where you have checked out the DistributeMe Registry project and place *distributeme.war* from *target* directory to *webapps* directory of already configured and running Tomcat.

Application will be extracted and deployed automatically. And using the browser by the <http://localhost:9229/distributeme/> you should see the next:

If you does, it means that all is in an order - Registry is running.