**JGroupsRPC Installation Guide**

1. Ensure that required softwares have been installed in your machine:
   1. Maven 3+
   2. JDK 1.7+
2. In /lib/, copy and unzip Apache Tomcat 7.0.61 to your desired location.

(For this installation guide we’ll assume the unzipped location is: ~/{tomcat}/)

1. Test the Tomcat server by running it and navigating to the tutorial page.
   1. Change the permission of catalina.sh to run from the command line by running:

**chmod +x ~/{tomcat}/bin/catalina.sh**

* 1. Navigate to: <http://localhost:8080> to see the examples page.

1. In /src/v2v/, run: **mvn clean install**
2. Deploy the compiled .jar file to the Tomcat server.
   1. For example, copy the .jar file to:

cp /src/v2v/target/v2v-1.0-SNAPSHOT-jar-with-dependencies.jar ~/{tomcat}/webapps/examples/WEB-INF/lib/

* 1. And change “web.xml” file to specify where to access the compiled application:

In ~/{tomcat}/webapps/examples/WEB-INF/web.xml,

<servlet>  
 <servlet-name>jgroupsrpc</servlet-name>  
 <servlet-class>cmu.practicum.servlet.JgroupsServlet</servlet-class>  
</servlet>  
  
<servlet-mapping>  
 <servlet-name>jgroupsrpc</servlet-name>  
 <url-pattern>{CHOOSE\_YOUR\_URL\_HERE}</url-pattern>  
</servlet-mapping>

1. Navigate to the deployed location to verify the application is deployed.
   1. For example: [http://localhost:8080/examples/{CHOOSE\_YOUR\_URL\_HERE](http://localhost:8080/examples/%7BCHOOSE_YOUR_URL_HERE)}

**Toyota Use Case Demo Application Installation Guide**

1. Simply copy and paste the files in /app/demo-app/ to the deployed JGroupsRPC location.
   1. From the above example, the location would be:

<http://localhost:8080/examples/jsp/toyota.jsp>