# **RESTFul Services In Java Using Jersey**

**Building Your First Jersey Application** 







# **Prerequisites**



**Java** 





**Spring STS** 





**Apache Tomcat** 

## **What We Are Building**





Retrieve all activities that a user has done



- Retrieve all activities that a user has done
- Retrieve a specific activity



- Retrieve all activities that a user has done
- Retrieve a specific activity
- Create a new activity

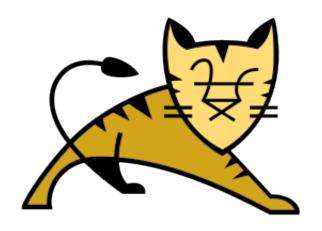


- Retrieve all activities that a user has done
- Retrieve a specific activity
- Create a new activity
- Update an activity

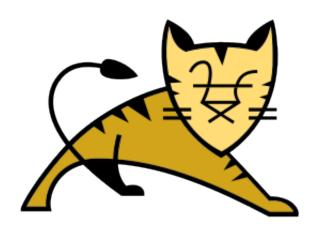


- Retrieve all activities that a user has done
- Retrieve a specific activity
- Create a new activity
- Update an activity
- Delete an activity

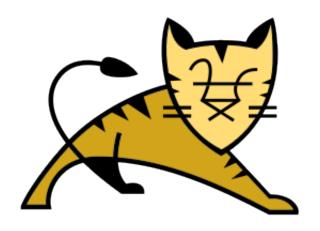




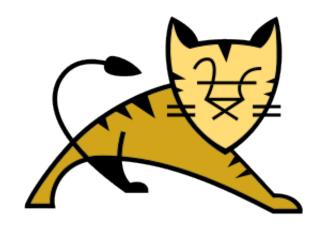
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- http://tomcat.apache.org/download-70.cgi



jersey-client.jar
jersey-common.jar
jersey-container-servlet-core.jar
jersey-container-servlet.jar

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- Jersey has an Archetype to help start us off:

mvn archetype:generate -DarchetypeGroupId=org.glassfish.jersey.archetypes \
 -DarchetypeArtifactId=jersey-quickstart-webapp -DarchetypeVersion=2.2



- - com.pluralsight
  - src/main/resources

- Src
- target
  - pom.xml

Standard Maven structure

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  - src/main/resources

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  - src/main/resources
  - src/main/webapp
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- web.xml is already configured with Jersey servlet



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```
@Path("myresource")
public class MyResource {
    @GET
    @Produces(MediaType.TEXT_PLAIN)
    public String getIt() {
        return "Got it!";
    }
}
```



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- Ran our basic service