























RESTEasy Framework:

Project Structure:

- └─  RESTEasy
 - └─  Deployment Descriptor: Archetype Created Web Application
 - └─  Java Resources
 - └─  src/main/java
 - └─  com.google.googlemaps.dao
 - └─  LocationDAO.java
 - └─  LocationDataDTO.java
 - └─  MyCustomClass.java
 - └─  com.google.googlemaps.rest
 - └─  GoogleMapsRestServices.java
 - └─  src/main/resources
 - └─  Libraries
 - └─  JavaScript Resources
 - └─  Deployed Resources
 - └─  webapp
 - └─  WEB-INF
 - └─  web.xml
 - └─  index.jsp
 - └─  web-resources
 - └─  src
 - └─  target
 - └─  pom.xml

Note: All the codes in the program will remain the same, We only have to add the dependencies of RESTEasy and we have to configure the Web.xml to use RESTEasy Framework.

Configuring the pom.xml:

```
<project...>

    <repositories>
        <repository>
            <id>JBoss repository</id>
            <url>
https://repository.jboss.org/nexus/content/groups/public-jboss/
            </url>
        </repository>
    </repositories>
    <dependencies>
        <dependency>
            <groupId>javax.servlet</groupId>
            <artifactId>servlet-api</artifactId>
            <version>2.5</version>
        </dependency>
        <dependency>
            <groupId>org.jboss.resteasy</groupId>
            <artifactId>resteasy-jaxrs</artifactId>
            <version>2.2.1.GA</version>
        </dependency>
    </dependencies>
    <build>
        <finalName>RESEasy</finalName>
    </build>
</project>
```

Configuring the Web.xml:

```
<!DOCTYPE web-app PUBLIC
"-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"
"http://java.sun.com/dtd/web-app_2_3.dtd" >

<web-app>
  <display-name>
    Archetype Created Web Application
  </display-name>
  <!-- Auto scan REST service -->
  <context-param>
    <param-name>resteasy.scan</param-name>
    <param-value>true</param-value>
  </context-param>

  <!-- this need same with resteasy servlet url-pattern -->
  <context-param>
    <param-name>
      resteasy.servlet.mapping.prefix
    </param-name>
    <param-value>/rest</param-value>
  </context-param>
  <listener>
    <listener-class>
      org.jboss.resteasy.plugins.server.servlet.ResteasyBootstrap
    </listener-class>
  </listener>

  <servlet>
    <servlet-name>resteasy-servlet</servlet-name>
    <servlet-class>
      org.jboss.resteasy.plugins.server.servlet.HttpServletDispatcher
    </servlet-class>
  </servlet>

  <servlet-mapping>
    <servlet-name>resteasy-servlet</servlet-name>
    <url-pattern>/rest/*</url-pattern>
  </servlet-mapping>
</web-app>
```

Note

You need to set the “**resteasy.servlet.mapping.prefix**” if your servlet-mapping for the resteasy servlet has a url-pattern other than “/*”.

In above example, the resteasy servlet url-pattern is “**/rest/***”, so you have to set the “resteasy.servlet.mapping.prefix” to “**/rest**” as well, otherwise, you will hit resource not found error message.

Note

Remember to set “**resteasy.scan**” to true, so that RESTEasy will find and register your REST service automatically.