Ex: 1

Index.html

<a href=*"rest/hello"*>Click Here</a>

web.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"* id=*"WebApp\_ID"* version=*"3.0"*>

<servlet>

<servlet-name>Jersey REST Service</servlet-name>

<servlet-class>org.glassfish.jersey.servlet.ServletContainer</servlet-class>

<init-param>

<param-name>jersey.config.server.provider.packages</param-name>

<param-value>com.oracle.rest</param-value>

</init-param>

<load-on-startup>1</load-on-startup>

</servlet>

<servlet-mapping>

<servlet-name>Jersey REST Service</servlet-name>

<url-pattern>/rest/\*</url-pattern>

</servlet-mapping>

</web-app>

Hello.java

import javax.ws.rs.GET;

import javax.ws.rs.Path;

import javax.ws.rs.Produces;

import javax.ws.rs.core.MediaType;

@Path("/hello")

public class Hello {

@GET

@Produces(MediaType.TEXT\_PLAIN)

public String sayPlainTextHello() {

return "Hello Jersey Plain";

}

// This method is called if XML is request

@GET

@Produces(MediaType.TEXT\_XML)

public String sayXMLHello() {

return "<?xml version=\"1.0\"?>" + "<hello> Hello Jersey" + "</hello>";

}

// This method is called if HTML is request

@GET

@Produces(MediaType.TEXT\_HTML)

public String sayHtmlHello() {

return "<html> " + "<title>" + "Hello Jersey" + "</title>"

+ "<body><h1>" + "Hello Jersey HTML" + "</h1></body>" + "</html> ";

}

}

ClientTest.java

import java.net.URI;

import javax.ws.rs.client.Client;

import javax.ws.rs.client.ClientBuilder;

import javax.ws.rs.client.WebTarget;

import javax.ws.rs.core.MediaType;

import javax.ws.rs.core.UriBuilder;

import org.glassfish.jersey.client.ClientConfig;

public class ClientTest {

public static void main(String[] args) {

ClientConfig config = new ClientConfig();

Client client = ClientBuilder.newClient(config);

WebTarget target = client.target(getBaseURI());

System.out.println(target.path("rest").path("hello").request().accept(MediaType.TEXT\_PLAIN).get(String.class));

System.out.println(target.path("rest").path("hello").request().accept(MediaType.TEXT\_XML).get(String.class));

System.out.println(target.path("rest").path("hello").request().accept(MediaType.TEXT\_HTML).get(String.class));

}

private static URI getBaseURI() {

return UriBuilder.fromUri("http://localhost:8088/restfuljersey").build();

}

}