Introdução REST

RestExemplo1
- Referenced Types
- JAX-WS Web Services
- Java Resources
  - src
    - br.com.rest.teste
      - HelloWorldResource.java
  - Libraries
- JavaScript Resources
- build
- WebContent
  - META-INF
  - WEB-INF
    - lib
      - asm-3.1.jar
      - jersey-core-1.16.jar
      - jersey-server-1.16.jar
      - jersey-servlet-1.16.jar
    - web.xml
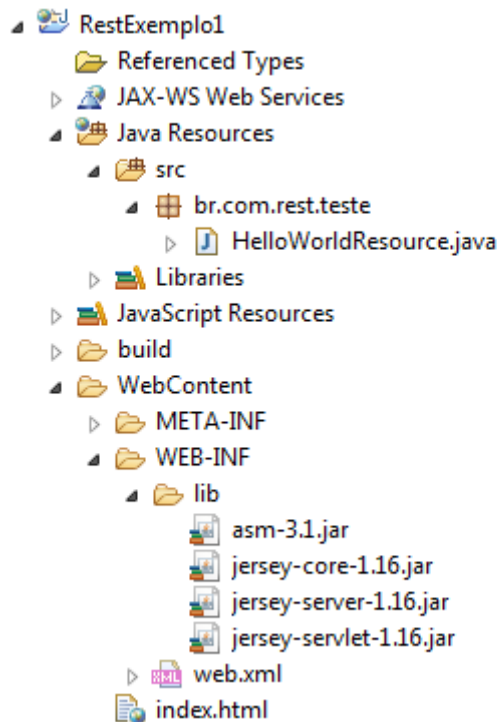 - index.html

Implementação da Classe HelloWorldResouce:

```java
package br.com.rest.teste;

import javax.ws.rs.GET;
import javax.ws.rs.Path;
import javax.ws.rs.PathParam;

//http://localhost:8082/RestExemplo1/rest/helloworld/show=teste

@Path("/helloworld")
public class HelloWorldResource {

    @GET
    @Path("show={param}")
    public String show(@PathParam("param") String msg) {
        String out = "Resultado: " + msg;
        return out;
    }

    @GET
    @Path("somar/{param1}/{param2}")
    public String somar(@PathParam("param1") int a, @PathParam("param2") int b)
        String out = String.valueOf(a + b);
        return out;
    }

}
```

web.xml:

```xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3      xmlns="http://xmlns.jcp.org/xml/ns/javaee"
4      xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app_3_1.xsd"
5      version="3.1">
6      <display-name>RestExemplo1</display-name>
7      <welcome-file-list>
8          <welcome-file>index.html</welcome-file>
9      </welcome-file-list>
10
11     <servlet>
12     <servlet-name>Jersey REST Service</servlet-name>
13     <servlet-class>com.sun.jersey.spi.container.servlet.ServletContainer</servlet-class>
14     <init-param>
15        <param-name>com.sun.jersey.config.property.packages</param-name>
16        <param-value>br.com.rest.teste</param-value>
17     </init-param>
18     <load-on-startup>1</load-on-startup>
19     </servlet>
20
21     <servlet-mapping>
22        <servlet-name>Jersey REST Service</servlet-name>
23        <url-pattern>/rest/*</url-pattern>
24     </servlet-mapping>
25
26  </web-app>
```

← → C 🗋 localhost:8082/RestExemplo1/rest/helloworld/show=legal

Resultado: legal

← → C 🗋 localhost:8082/RestExemplo1/rest/helloworld/somar/7/2

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