

JAVA EXAMPLE PROGRAMS



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JAX-RS @PATHPARAM ANNOTATION EXAMPLE

This page gives you an example using JAX-RS @PathParam annotation, which injects value from URI to your method input parameters.

In the previous examples we have given details of application setup, dependencies, web.xml file configurations: If you want to know about these configuration, please refer these:

Restful web services using RESTEasy hello world example. Restful web services using Jersey hello world example.

Look at the below class to apply @PathParam annotation:

```
package com.java2novice.restful;

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

@Path("/employee")
public class EmployeeService {

@GET
@Path("{empld}")
public Response getEmployeeById(@PathParam("empld") String empId) {

return Response.status(200).entity("Got employee with id:" + empId).build();
}

@GET
@Path("{branch}/{department}")
public Response getEmployeeList(@PathParam("branch") String branchName,

@PathParam("department") String deptName) {

String resp = "Total number of employees in the "+deptName+" department from "
+branchName+" is 100";
return Response.status(200).entity(resp).build();
}

**Teturn Response.status(200).entity(resp).build();
}
```

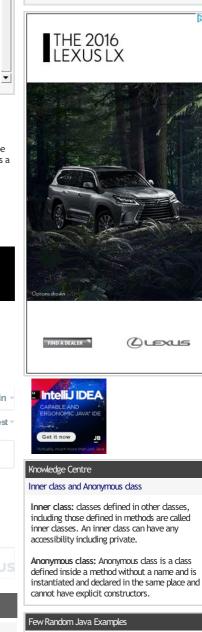
In the above example, if you use "/employee/123" URI pattern, getEmployeeById() method will be invoked, and you will get "Got employee with id: 123" as a response.

Using @PathParam, you can access multiple values as well. Look at getEmployeeList() method in the above example, if you use "/employee/bangalore/accounts" URI pattern, then getEmployeeByName() method will be invoked and you will get "Total number of employees in the accounts department from bangalore is 100" as a response.

In the next page you will see an example on how to use @QueryParam annotation.

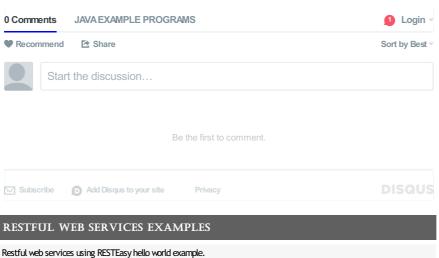
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characters.

About Author

I'm Nataraja Gootooru, programmer by profession and passionate about technologies. All examples given here are as simple as possible to help beginners. The source code is compiled and tested in my dev environment.

If you come across any mistakes or bugs, please email me to gmail.com or you can comment on the page.

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