

- Home
- Fundamentals
- Constructors
- Exception Handling
- Threads
- String Functions
- Generics
- Collections & Util Package
- Nested Classes
- Networking
- File I/O Operations
- Java Annotations
- JDBC Examples
- Spring Core
- Java Interview Questions
- Java Interview Programs
- Java Restful Web Services
- JSON in Java
- JUnit
- Java Design Patterns
- Search Algorithms
- Sorting Algorithms
- Data Structures
- Gradle Configurations
- JBoss Configurations
- Java Issues
- Ngjnx Basics

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:

```
1 package com.java2novice.restful;
2
3 import javax.ws.rs.GET;
4 import javax.ws.rs.Path;
5 import javax.ws.rs.PathParam;
6 import javax.ws.rs.core.Response;
7
8 @Path("/employee")
9 public class EmployeeService {
10
11     @GET
12     @Path("/{empId}")
13     public Response getEmployeeById(@PathParam("empId") String empId) {
14
15         return Response.status(200).entity("Got employee with id : " + empId).build();
16     }
17
18     @GET
19     @Path("/{branch}/{department}")
20     public Response getEmployeeList(@PathParam("branch") String branchName,
21                                   @PathParam("department") String deptName) {
22
23         String resp = "Total number of employees in the "+deptName+" department from "
24                     +branchName+" is 100";
25         return Response.status(200).entity(resp).build();
26     }
27 }
```

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.

[<< Previous Program](#) | [Next Program >>](#)

TOO MUCH
HOMEWORK ?



ASSIGNMENTEXPERT

0 Comments

JAVAXAMPLE PROGRAMS

1 Login

Recommend

Share

Sort by Best



Start the discussion...

Be the first to comment.

Subscribe

Add Disqus to your site

Privacy

DISQUS

RESTFUL WEB SERVICES EXAMPLES

Restful web services using RESTEasy hello world example.

Google Custom Search



Java Sample Programs
8,762 likes

Like Page

Share

Be the first of your friends to like this



THE 2016
LEXUS LX



Options shown

FIND A DEALER

LEXUS



Knowledge Centre

Inner class and Anonymous class

Inner class: classes defined in other classes, including those defined in methods are called inner classes. An inner class can have any accessibility including private.

Anonymous class: Anonymous class is a class defined inside a method without a name and is instantiated and declared in the same place and cannot have explicit constructors.

Few Random Java Examples

Find longest substring without repeating

Web2PDF
converted by Web2PDFConvert.com

Restful web services using Jersey hello world example.

JAX-RS @Path annotation example

JAX-RS @Path annotation with regular expression match example

JAX-RS @PathParam annotation example

JAX-RS @QueryParam and @DefaultValue annotations example

JAX-RS @MatrixParam annotation example

How to read multiple values of a query paramter in JAX-RS restful web services?

How to pass header parameters as method inputs in JAX-RS restful web services?

How to read header parameters in JAX-RS restful web services?

JAX-RS @FormParam annotation example

How to upload file using Jersey restful web services?

How to download file using java restful web services?

XML based Restful web service with RESTEasy and JAXB.

XML based Restful web service with Jersey and JAXB.

Json based Restful web service with RESTEasy, Jettison and JAXB

Json based Restful web service with RESTEasy and Jackson

Json based Restful web service with Jersey and Jackson

How to input json request with Jersey and Jackson?

Java client for restful web service using java.net package

Java client for restful web service using Jersey API

Java restful webservices with HTTP basic authentication.

How to read multiple values of a query paramter in JAX-RS restful web services?

Write a program to find maximum repeated words from a file.

Spring Dependency Injection via Constructor

How to get spring application context object reference?

Evaluation of an infix expression that is fully parenthesized using stack in java.

Spring bean java based configuration using @Configuration and @Bean

Double-ended queue (Deque) implementation using Doubly linked list.

How implement bounded types (implements an interface) with generics?

Spring java based configuration @Import example

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 java2novice@gmail.com or you can comment on the page.

Most Visited Pages

[Java Interview Questions](#)

[How to Create Java Custom Exception](#)

[Java Interview Programs](#)

[Java StringTokenizer With Multiple De-limiters Sample Code](#)

[Java Constructor Chaining Examples](#)

[Spring Framework Examples](#)

[Write a program to find maximum repeated words from a file.](#)

[Java Data Structures](#)

Other Interesting Sites

[Techie Park](#)

[Java Design Pattern Tutorial](#)

[Software Testing](#)

[Wikipedia](#)

[Tips2Healthy](#)

query2nataraj.blogspot.in

Reference: Java™ Platform Standard Ed. 7 - API Specification | Java is registered trademark of Oracle.

Privacy Policy | Copyright © 2016 by Nataraja Gootooru. All Rights Reserved.

