

CLASSLOADER.GETSYSTEMRESOURCEASSTREAM METHOD EXAMPLE

http://www.tutorialspoint.com/java/lang/classloader_getsystemresourceasstream.htm Copyright © tutorialspoint.com

Description

The **java.lang.ClassLoader.getResourceAsStream** method opens for reading, a resource of the specified name from the search path used to load classes.

Declaration

Following is the declaration for **java.lang.ClassLoader.getResourceAsStream** method

```
public static InputStream getResourceAsStream(String name)
```

Parameters

- **name** -- This is the resource name.

Return Value

This method returns an input stream for reading the resource, or null if the resource could not be found.

Exception

- NA

Example

The following example shows the usage of java.lang.ClassLoader.getResourceAsStream method.

```
package com.tutorialspoint;

import java.lang.*;
import java.io.*;

class ClassLoaderDemo {

    static String getResource(String rsc) {
        String val = "";

        try {
            Class cls = Class.forName("ClassLoaderDemo");

            // returns the ClassLoader object associated with this Class
            ClassLoader cLoader = cls.getClassLoader();
            // input stream
            InputStream i = cLoader.getResourceAsStream(rsc);
            BufferedReader r = new BufferedReader(new InputStreamReader(i));

            // reads each line
            String l;
            while((l = r.readLine()) != null) {
                val = val + l;
            }
            i.close();
        }
        catch(Exception e) {
            System.out.println(e);
        }
        return val;
    }
}
```

```
}  
  
public static void main(String[] args) {  
  
    System.out.println("File1: " + getResource("file.txt"));  
    System.out.println("File2: " + getResource("test.txt"));  
}  
}
```

Assuming we have a text file **file.txt**, which has the following content:

```
This is TutorialPoint!
```

Assuming we have another text file **test.txt**, which has the following content:

```
This is Java Tutorial
```

Let us compile and run the above program, this will produce the following result:

```
File1: This is TutorialPoint!  
File2: This is Java Tutorial
```

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