

CLASSLOADER.GETSYSTEMRESOURCE METHOD

http://www.tutorialspoint.com/java/lang/classloader_getsystemresource.htm

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Description

The **java.lang.ClassLoader.getResource** method find a resource of the specified name from the search path used to load classes.

Declaration

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

```
public static URL getResource(String name)
```

Parameters

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

Return Value

This method returns a URL object 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.getResource method.

```
package com.tutorialspoint;

import java.lang.*;
import java.net.URL;

public class ClassLoaderDemo {

    public static void main(String[] args) throws Exception {

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

        // returns the ClassLoader object associated with this Class
        ClassLoader cLoader = cls.getClassLoader();

        System.out.println(cLoader.getClass());

        // finds resource
        URL url = cLoader.getResource("file.txt");
        System.out.println("Value = " + url);

        // finds resource
        url = cLoader.getResource("newfolder/a.txt");
        System.out.println("Value = " + url);
    }
}
```

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

```
class sun.misc.Launcher$AppClassLoader
Value = file:/C:/Program%20Files/Java/jdk1.6.0_06/bin/file.txt
Value = null
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```