

JAVA.LANG.CLASS.GETCLASSLOADER METHOD

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

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Description

The **java.lang.Class.getClassLoader** method returns the class loader for the class. Some implementations may use null to represent the bootstrap class loader. The method will return null in such implementations if this class was loaded by the bootstrap class loader.

Declaration

Following is the declaration for **java.lang.Class.getClassLoader** method

```
public ClassLoader getClassLoader()
```

Parameters

- NA

Return Value

This method returns the class loader that loaded the class or interface represented by this object.

Exception

- **SecurityException** -- If a security manager exists and its checkPermission method denies access to the class loader for the class.

Example

The following example shows the usage of java.lang.Class.getClassLoader method.

```
package com.tutorialspoint;

import java.lang.*;

public class ClassDemo {

    public static void main(String[] args) {

        try {
            // returns the Class object associated with this class
            Class cls = Class.forName("ClassDemo");

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

            if (cLoader == null) {
                System.out.println("The default system class was used.");
            }
            else {
                // returns the class loader
                Class loaderClass = cLoader.getClass();

                System.out.println("Class associated with ClassLoader = " +
                    loaderClass.getName());
            }
        }
        catch (ClassNotFoundException e) {
            System.out.println(e.toString());
        }
    }
}
```

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

```
Class associated with Classloader = sun.misc.Launcher$AppClassLoader
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```