

JAVA.LANG.CLASS.GETINTERFACES METHOD

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

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Description

The **java.lang.Class.getInterfaces** determines the interfaces implemented by the class or interface represented by this object.

Declaration

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

```
public Class<?>[] getInterfaces()
```

Parameters

- NA

Return Value

This method returns an array of interfaces implemented by this class.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;
import java.util.*;

public class ClassDemo {

    public static void main(String[] args) {
        show(Thread.class);
    }

    public static void show(Class cls) {
        System.out.println("Class = " + cls.getName());

        Class[] c = cls.getClasses();
        System.out.println("Classes = " + Arrays.asList(c));

        // returns an array of interfaces
        Class[] i = cls.getInterfaces();
        System.out.println("Interfaces = " + Arrays.asList(i));
    }
}
```

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

```
Class = java.lang.Thread
Classes = [interface java.lang.Thread$UncaughtExceptionHandler, class
java.lang.Thread$State]
Interfaces = [interface java.lang.Runnable]
```

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