

STACKTRACEELEMENT.GETMETHODNAME METHOD

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

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Description

The **java.lang.StackTraceElement.getMethodName** method returns the name of the method containing the execution point represented by this stack trace element.

Declaration

Following is the declaration for **java.lang.StackTraceElement.getMethodName** method

```
public String getMethodName()
```

Parameters

- NA

Return Value

This method returns the name of the method containing the execution point represented by this stack trace element.

Exception

- NA

Example

The following example shows the usage of **java.lang.StackTraceElement.getMethodName** method.

```
package com.tutorialspoint;

import java.lang.*;

public class StackTraceElementDemo {

    public static void main(String[] args) {

        function1();
    }

    public static void function1()
    {
        new StackTraceElementDemo().function2();
    }

    public void function2()
    {
        int i;
        System.out.println("method name : ");

        // print stack trace
        for( i = 1; i <= 3; i++ ) {
            System.out.println(Thread.currentThread().getStackTrace()[i].
                getMethodName());
        }
    }
}
```

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

```
method name :
```

```
function2  
function1  
main
```

```
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```