

JAVA.LANG.CLASS.GETENCLOSINGMETHOD METHOD

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

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Description

The **java.lang.Class.getEnclosingMethod** returns a Method object representing the immediately enclosing method of the underlying class, if this Class object represents a local or anonymous class within a method, else returns null.

Declaration

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

```
public Method getEnclosingMethod()
```

Parameters

- NA

Return Value

This method returns the immediately enclosing method of the underlying class, if that class is a local or anonymous class; else null.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ClassDemo {

    public Object c;

    public ClassDemo() {
        class ClassA{};
        c = new ClassA();
    }

    public Object ClassAObject() {
        class ClassA{};
        return new ClassA( );
    }

    public static void main(String[] args) {

        Class cls;
        cls = (new ClassDemo()).ClassAObject().getClass();

        System.out.print("Method = ");
        System.out.println(cls.getEnclosingMethod());
    }
}
```

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

```
Method = public java.lang.Object ClassDemo.ClassAObject()
```

