

JAVA.LANG.CLASS.GETENCLOSINGCONSTRUCTOR METHOD

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

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Description

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

Declaration

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

```
public Constructor<?> getEnclosingConstructor()
```

Parameters

- NA

Return Value

This method returns the immediately enclosing constructor 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.getEnclosingConstructor 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()).c.getClass();

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

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

```
getEnclosingConstructor() = public ClassDemo()
```

