

JAVA.LANG.THROWABLE.GETCAUSE METHOD

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

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Description

The **java.lang.Throwable.getCause** method returns the cause of this throwable or null if the cause is nonexistent or unknown

Declaration

Following is the declaration for **java.lang.Throwable.getCause** method

```
public Throwable getCause()
```

Parameters

- NA

Return Value

This method returns the cause of this throwable or null if the cause is nonexistent or unknown.

Exception

- NA

Example

The following example shows the usage of java.lang.Throwable.getCause method.

```
package com.tutorialspoint;

import java.lang.*;

public class ThrowableDemo {

    public static void main(String[] args) throws Throwable {

        try {
            newException();
        }
        catch(Throwable e) {
            System.err.println(e);
            // returns null as the cause is nonexistent or unknown.
            System.err.println("Cause = " + e.getCause());
        }
    }

    public static void newException() throws Exception {
        System.out.println("This is newException() function");
        throw new Exception("Exception...");
    }
}
```

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

```
This is newException() function
java.lang.Exception: Exception...
Cause = null
```

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