

JAVA.LANG.THROWABLE.SETSTACKTRACE METHOD

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

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Description

The **java.lang.Throwable.setStackTrace** method sets the stack trace elements that will be returned by `getStackTrace` and printed by `printStackTrace` and related methods.

Declaration

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

```
public void setStackTrace(StackTraceElement[] stackTrace)
```

Parameters

- **stackTrace** -- This is the stack trace elements to be associated with this Throwable.

Return Value

This method does not return any value.

Exception

- **NullPointerException** -- if `stackTrace` is null, or if any of the elements of `stackTrace` are null

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ThrowableDemo {

    public static void main(String[] args) {

        try {
            ExceptionFunc();
        }
        catch(Throwable e) {
            // access to the stack trace
            StackTraceElement[] trace = e.getStackTrace();
            System.err.println(trace[0].toString());
        }

        public static void ExceptionFunc()throws Throwable {

            Throwable t = new Throwable("This is new Exception...");
            StackTraceElement[] trace = new StackTraceElement[] {
                new StackTraceElement("ClassName", "methodName", "fileName", 10)
            };

            // sets the stack trace elements
            t.setStackTrace(trace);
            throw t;
        }
    }
}
```

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

ClassName.methodName(fileName:10)

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