

JAVA.LANG.THREAD.DUMPSTACK METHOD

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

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Description

The **java.lang.Thread.dumpStack** method prints a stack trace of the current thread to the standard error stream. This method is used only for debugging.

Declaration

Following is the declaration for **java.lang.Thread.dumpStack** method

```
public static void dumpStack()
```

Parameters

- NA

Return Value

This method does not return any value.

Exception

- NA

Example

The following example shows the usage of java.lang.Thread.dumpStack method.

```
package com.tutorialspoint;

import java.lang.*;

public class ThreadDemo {

    public static void main(String[] args) {

        Thread t = Thread.currentThread();
        t.setName("Admin Thread");
        // set thread priority to 1
        t.setPriority(1);

        // prints the current thread
        System.out.println("Thread = " + t);

        int count = Thread.activeCount();
        System.out.println("currently active threads = " + count);

        /* prints a stack trace of the current thread to the standard
        error stream, used for debugging */
        Thread.dumpStack();
    }
}
```

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

```
Thread = Thread[Admin Thread,1,main]
currently active threads = 1
java.lang.Exception: Stack trace
at java.lang.Thread.dumpStack(Thread.java:1266)
at CheckAccess.main(CheckAccess.java:15)
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```