

JAVA.LANG.THREAD.CURRENTTHREAD METHOD

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

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Description

The **java.lang.Thread.currentThread** method returns a reference to the currently executing thread object.

Declaration

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

```
public static Thread currentThread()
```

Parameters

- NA

Return Value

This method returns the currently executing thread.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ThreadDemo implements Runnable {

    ThreadDemo() {
        // main thread
        Thread currThread = Thread.currentThread();
        // thread created
        Thread t = new Thread(this, "Admin Thread");

        System.out.println("current thread = " + currThread);
        System.out.println("thread created = " + t);
        // this will call run() function
        t.start();
    }

    public void run() {
        System.out.println("This is run() method");
    }

    public static void main(String args[]) {
        new ThreadDemo();
    }
}
```

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

```
current thread = Thread[main,5,main]
thread created = Thread[Admin Thread,5,main]
This is run() method
```

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