

JAVA.LANG.THREAD.START METHOD

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

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Description

The **java.lang.Thread.start** method causes this thread to begin execution, the Java Virtual Machine calls the run method of this thread. The result is that two threads are running concurrently: the current thread *which returns from the call to the start method* and the other thread *which executes its run method*.

Declaration

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

```
public void start()
```

Parameters

- NA

Return Value

This method does not return any value.

Exception

- **IllegalThreadStateException** -- if the thread was already started.

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ThreadDemo implements Runnable {

    Thread t;
    ThreadDemo() {

        // thread created
        t = new Thread(this, "Admin Thread");

        // prints thread created
        System.out.println("thread = " + t);

        // this will call run() function
        System.out.println("Calling run() function... ");
        t.start();
    }

    public void run() {
        System.out.println("Inside run()function");
    }

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

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

```
thread = Thread[Admin Thread,5,main]
```

```
Calling run() function...
```

```
Inside run()function
```

```
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```