

JAVA.LANG.THREAD.ACTIVECOUNT METHOD

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

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Description

The **java.lang.Thread.activeCount** method returns the number of active threads in the current thread's thread group.

Declaration

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

```
public static int activeCount()
```

Parameters

- NA

Return Value

This method returns the number of active threads in the current thread's thread group.

Exception

- NA

Example

The following example shows the usage of java.lang.Thread.activeCount 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);

        Thread th[] = new Thread[count];
        // returns the number of threads put into the array
        Thread.enumerate(th);

        // prints active threads
        for (int i = 0; i < count; i++) {
            System.out.println(i + ": " + th[i]);
        }
    }
}
```

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

```
Thread = Thread[Admin Thread,1,main]
```

```
currently active threads = 1  
0: Thread[Admin Thread,1,main]
```

```
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```