

JAVA.LANG.THREAD.GETSTATE METHOD

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

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Description

The **java.lang.Thread.getState** method returns the state of this thread. It is designed for use in monitoring of the system state, not for synchronization control.

Declaration

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

```
public Thread.State getState()
```

Parameters

- NA

Return Value

This method returns this thread's state.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ThreadDemo implements Runnable {

    public void run() {

        // returns the state of this thread
        Thread.State state = Thread.currentThread().getState();
        System.out.println(Thread.currentThread().getName());
        System.out.println("state = " + state);
    }

    public static void main(String args[]) {
        Thread t = new Thread(new ThreadDemo());
        // this will call run() function
        t.start();
    }
}
```

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

```
Thread-0
state = RUNNABLE
```

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