

JAVA.LANG.THREAD.SETPRIORITY METHOD

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

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Description

The **java.lang.Thread.setPriority** method changes the priority of this thread.

Declaration

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

```
public final void setPriority(int newPriority)
```

Parameters

- **newPriority** -- This is the priority to set this thread to.

Return Value

This method does not return any value.

Exception

- **IllegalArgumentException** -- if the priority is not in the range MIN_PRIORITY to MAX_PRIORITY.
- **SecurityException** -- if the current thread cannot modify this thread.

Example

The following example shows the usage of java.lang.Thread.setPriority 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);
    }
}
```

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

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

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