

# JAVA.LANG.THREAD.SETUNCAUGHT EXCEPTIONHANDLER METHOD EXAMPLE

[http://www.tutorialspoint.com/java/lang/thread\\_setuncaughtexceptionhandler.htm](http://www.tutorialspoint.com/java/lang/thread_setuncaughtexceptionhandler.htm)

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## Description

The **java.lang.Thread.setUncaughtExceptionHandler** method set the handler invoked when this thread abruptly terminates due to an uncaught exception.

## Declaration

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

```
public void setUncaughtExceptionHandler(Thread.UncaughtExceptionHandler eh)
```

## Parameters

- **eh** -- This is the object to use as this thread's uncaught exception handler. If null then this thread has no explicit handler.

## Return Value

This method does not return any value.

## Exception

- **SecurityException** -- if the current thread is not allowed to modify this thread.

## Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ThreadDemo {

    public static void main(String[] args) {

        Thread t = new Thread(new adminThread());
        t.setUncaughtExceptionHandler(new Thread.UncaughtExceptionHandler() {

            public void uncaughtException(Thread t, Throwable e) {
                System.out.println(t + " throws exception: " + e);
            }
        });
        // this will call run() function
        t.start();
    }

    class adminThread implements Runnable {

        public void run() {
            throw new RuntimeException();
        }
    }
}
```

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

Thread[Thread-0.5.main] throws exception: java.lang.RuntimeException

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