

JAVA.LANG.THREAD.SETDEFAULT UNCAUGHTEXCEPTIONHANDLER METHOD EXAMPLE

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

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Description

The **java.lang.Thread.setDefaultUncaughtExceptionHandler** method set the default handler invoked when a thread abruptly terminates due to an uncaught exception, and no other handler has been defined for that thread.

Declaration

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

```
public static void setDefaultUncaughtExceptionHandler(Thread.UncaughtExceptionHandler eh)
```

Parameters

- **eh** -- This is the object to use as the default uncaught exception handler. If null then there is no default handler.

Return Value

This method does not return any value.

Exception

- **SecurityException** -- if a security manager is present and it denies RuntimePermission

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ThreadDemo {

    public static void main(String[] args) {

        Thread t = new Thread(new adminThread());

        t.setDefaultUncaughtExceptionHandler(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  
Loading [Mathjax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```