

JAVA.UTIL.TIMER.SCHEDULE METHOD

http://www.tutorialspoint.com/java/util/timer_schedule_period.htm

Copyright © tutorialspoint.com

Description

The **`schedule`***TimerTask***`task, long delay, long period`** method is used to schedule the specified task for repeated fixed-delay execution, beginning after the specified delay.

Declaration

Following is the declaration for **`java.util.Timer.schedule`** method.

```
public void schedule(TimerTask task, long delay, long period)
```

Parameters

- **task** -- This is the task to be scheduled.
- **delay** -- This is the delay in milliseconds before task is to be executed.
- **period** -- This is the time in milliseconds between successive task executions.

Return Value

- NA

Exception

- **IllegalArgumentException** -- This exception is thrown if time.getTime is negative.
- **IllegalStateException** -- This is thrown if task was already scheduled or cancelled, timer was cancelled, or timer thread terminated.

Example

The following example shows the usage of `java.util.Timer.schedule`

```
package com.tutorialspoint;

import java.util.*;

public class TimerDemo {
    public static void main(String[] args) {
        // creating timer task, timer
        TimerTask tasknew = new TimerSchedulePeriod();
        Timer timer = new Timer();

        // scheduling the task at interval
        timer.schedule(tasknew, 100, 100);
    }
    // this method performs the task
    public void run() {
        System.out.println("timer working");
    }
}
```

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

```
timer working
timer working
timer working
timer working and so on ...
```