| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV PACKAGE**](http://docs.google.com/javax/management/remote/rmi/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/naming/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/timer/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package javax.management.timer

Provides the definition of the Timer MBean.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**TimerMBean**](http://docs.google.com/javax/management/timer/TimerMBean.html) | Exposes the management interface of the timer MBean. |

| **Class Summary** | |
| --- | --- |
| [**Timer**](http://docs.google.com/javax/management/timer/Timer.html) | Provides the implementation of the timer MBean. |
| [**TimerNotification**](http://docs.google.com/javax/management/timer/TimerNotification.html) | This class provides definitions of the notifications sent by timer MBeans. |

## Package javax.management.timer Description

Provides the definition of the Timer MBean. A Timer MBean maintains a list of scheduled notifications and, because it is a [NotificationBroadcaster](http://docs.google.com/javax/management/NotificationBroadcaster.html), a list of listeners for those notifications. Whenever the time for one of the scheduled notifications is reached, each listener receives the notification. Notifications can be repeated at a fixed interval, and the number of repetitions can be bounded.

A listener for a Timer MBean can itself be an MBean, using the method [MBeanServer.addNotificationListener(ObjectName, ObjectName, NotificationFilter, Object)](http://docs.google.com/javax/management/MBeanServer.html#addNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20javax.management.NotificationFilter,%20java.lang.Object)). In this way, a management application can create an MBean representing a task, then schedule that task using a Timer MBean.

**Since:** 1.5

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV PACKAGE**](http://docs.google.com/javax/management/remote/rmi/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/naming/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/timer/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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