| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/Integer.html) | **Use** | [**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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/lang//class-useInteger.html)    [**NO FRAMES**](http://docs.google.com/Integer.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.lang.Integer**

| Packages that use [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [**java.awt.font**](#3znysh7) | Provides classes and interface relating to fonts. |
| [**java.lang**](#2et92p0) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.util**](#tyjcwt) | Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array). |
| [**javax.management**](#3dy6vkm) | Provides the core classes for the Java Management Extensions. |
| [**javax.management.openmbean**](#1t3h5sf) | Provides the open data types and Open MBean descriptor classes. |
| [**javax.management.relation**](#4d34og8) | Provides the definition of the Relation Service. |
| [**javax.management.remote**](#2s8eyo1) | Interfaces for remote access to JMX MBean servers. |
| [**javax.management.remote.rmi**](#17dp8vu) | The RMI connector is a connector for the JMX Remote API that uses RMI to transmit client requests to a remote MBean server. |
| [**javax.management.timer**](#3rdcrjn) | Provides the definition of the Timer MBean. |
| [**javax.script**](#26in1rg) | The scripting API consists of interfaces and classes that define Java TM Scripting Engines and provides a framework for their use in Java applications. |
| [**javax.swing**](#lnxbz9) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.basic**](#35nkun2) | Provides user interface objects built according to the Basic look and feel. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) | |
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| Fields in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) declared as [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**KERNING\_ON**](http://docs.google.com/java/awt/font/TextAttribute.html#KERNING_ON)            Request standard kerning. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**LIGATURES\_ON**](http://docs.google.com/java/awt/font/TextAttribute.html#LIGATURES_ON)            Request standard optional ligatures. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**SUPERSCRIPT\_SUB**](http://docs.google.com/java/awt/font/TextAttribute.html#SUPERSCRIPT_SUB)            Standard subscript. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**SUPERSCRIPT\_SUPER**](http://docs.google.com/java/awt/font/TextAttribute.html#SUPERSCRIPT_SUPER)            Standard superscript. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**UNDERLINE\_LOW\_DASHED**](http://docs.google.com/java/awt/font/TextAttribute.html#UNDERLINE_LOW_DASHED)            Single pixel dashed low underline. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**UNDERLINE\_LOW\_DOTTED**](http://docs.google.com/java/awt/font/TextAttribute.html#UNDERLINE_LOW_DOTTED)            Single pixel dotted low underline. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**UNDERLINE\_LOW\_GRAY**](http://docs.google.com/java/awt/font/TextAttribute.html#UNDERLINE_LOW_GRAY)            Double pixel gray low underline. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**UNDERLINE\_LOW\_ONE\_PIXEL**](http://docs.google.com/java/awt/font/TextAttribute.html#UNDERLINE_LOW_ONE_PIXEL)            Single pixel solid low underline. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**UNDERLINE\_LOW\_TWO\_PIXEL**](http://docs.google.com/java/awt/font/TextAttribute.html#UNDERLINE_LOW_TWO_PIXEL)            Double pixel solid low underline. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **TextAttribute.**[**UNDERLINE\_ON**](http://docs.google.com/java/awt/font/TextAttribute.html#UNDERLINE_ON)            Standard underline. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
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| Fields in [java.lang](http://docs.google.com/java/lang/package-summary.html) with type parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| static [Class](http://docs.google.com/java/lang/Class.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **Integer.**[**TYPE**](http://docs.google.com/java/lang/Integer.html#TYPE)            The Class instance representing the primitive type int. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**decode**](http://docs.google.com/java/lang/Integer.html#decode(java.lang.String))([String](http://docs.google.com/java/lang/String.html) nm)            Decodes a String into an Integer. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**getInteger**](http://docs.google.com/java/lang/Integer.html#getInteger(java.lang.String))([String](http://docs.google.com/java/lang/String.html) nm)            Determines the integer value of the system property with the specified name. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**getInteger**](http://docs.google.com/java/lang/Integer.html#getInteger(java.lang.String,%20int))([String](http://docs.google.com/java/lang/String.html) nm, int val)            Determines the integer value of the system property with the specified name. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**getInteger**](http://docs.google.com/java/lang/Integer.html#getInteger(java.lang.String,%20java.lang.Integer))([String](http://docs.google.com/java/lang/String.html) nm, [Integer](http://docs.google.com/java/lang/Integer.html) val)            Returns the integer value of the system property with the specified name. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**valueOf**](http://docs.google.com/java/lang/Integer.html#valueOf(int))(int i)            Returns a Integer instance representing the specified int value. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**valueOf**](http://docs.google.com/java/lang/Integer.html#valueOf(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Returns an Integer object holding the value of the specified String. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**valueOf**](http://docs.google.com/java/lang/Integer.html#valueOf(java.lang.String,%20int))([String](http://docs.google.com/java/lang/String.html) s, int radix)            Returns an Integer object holding the value extracted from the specified String when parsed with the radix given by the second argument. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| int | **Integer.**[**compareTo**](http://docs.google.com/java/lang/Integer.html#compareTo(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) anotherInteger)            Compares two Integer objects numerically. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **Integer.**[**getInteger**](http://docs.google.com/java/lang/Integer.html#getInteger(java.lang.String,%20java.lang.Integer))([String](http://docs.google.com/java/lang/String.html) nm, [Integer](http://docs.google.com/java/lang/Integer.html) val)            Returns the integer value of the system property with the specified name. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
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| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) that return types with arguments of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Integer](http://docs.google.com/java/lang/Integer.html)> | **Calendar.**[**getDisplayNames**](http://docs.google.com/java/util/Calendar.html#getDisplayNames(int,%20int,%20java.util.Locale))(int field, int style, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a Map containing all names of the calendar field in the given style and locale and their corresponding field values. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.management](http://docs.google.com/javax/management/package-summary.html) | |
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| Methods in [javax.management](http://docs.google.com/javax/management/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **MBeanServerConnection.**[**getMBeanCount**](http://docs.google.com/javax/management/MBeanServerConnection.html#getMBeanCount())()            Returns the number of MBeans registered in the MBean server. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **MBeanServer.**[**getMBeanCount**](http://docs.google.com/javax/management/MBeanServer.html#getMBeanCount())()            Returns the number of MBeans registered in the MBean server. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.management.openmbean](http://docs.google.com/javax/management/openmbean/package-summary.html) | |
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| Fields in [javax.management.openmbean](http://docs.google.com/javax/management/openmbean/package-summary.html) with type parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| static [SimpleType](http://docs.google.com/javax/management/openmbean/SimpleType.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **SimpleType.**[**INTEGER**](http://docs.google.com/javax/management/openmbean/SimpleType.html#INTEGER)            The SimpleType instance describing values whose Java class name is java.lang.Integer. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) | |
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| Methods in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [Integer](http://docs.google.com/java/lang/Integer.html) | **RelationServiceMBean.**[**checkRoleReading**](http://docs.google.com/javax/management/relation/RelationServiceMBean.html#checkRoleReading(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) roleName, [String](http://docs.google.com/java/lang/String.html) relationTypeName)            Checks if given Role can be read in a relation of the given type. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RelationService.**[**checkRoleReading**](http://docs.google.com/javax/management/relation/RelationService.html#checkRoleReading(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) roleName, [String](http://docs.google.com/java/lang/String.html) relationTypeName)            Checks if given Role can be read in a relation of the given type. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RelationServiceMBean.**[**checkRoleWriting**](http://docs.google.com/javax/management/relation/RelationServiceMBean.html#checkRoleWriting(javax.management.relation.Role,%20java.lang.String,%20java.lang.Boolean))([Role](http://docs.google.com/javax/management/relation/Role.html) role, [String](http://docs.google.com/java/lang/String.html) relationTypeName, [Boolean](http://docs.google.com/java/lang/Boolean.html) initFlag)            Checks if given Role can be set in a relation of given type. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RelationService.**[**checkRoleWriting**](http://docs.google.com/javax/management/relation/RelationService.html#checkRoleWriting(javax.management.relation.Role,%20java.lang.String,%20java.lang.Boolean))([Role](http://docs.google.com/javax/management/relation/Role.html) role, [String](http://docs.google.com/java/lang/String.html) relationTypeName, [Boolean](http://docs.google.com/java/lang/Boolean.html) initFlag)            Checks if given Role can be set in a relation of given type. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RelationSupport.**[**getRoleCardinality**](http://docs.google.com/javax/management/relation/RelationSupport.html#getRoleCardinality(java.lang.String))([String](http://docs.google.com/java/lang/String.html) roleName)            Returns the number of MBeans currently referenced in the given role. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **Relation.**[**getRoleCardinality**](http://docs.google.com/javax/management/relation/Relation.html#getRoleCardinality(java.lang.String))([String](http://docs.google.com/java/lang/String.html) roleName)            Returns the number of MBeans currently referenced in the given role. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RelationServiceMBean.**[**getRoleCardinality**](http://docs.google.com/javax/management/relation/RelationServiceMBean.html#getRoleCardinality(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) relationId, [String](http://docs.google.com/java/lang/String.html) roleName)            Retrieves the number of MBeans currently referenced in the given role. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RelationService.**[**getRoleCardinality**](http://docs.google.com/javax/management/relation/RelationService.html#getRoleCardinality(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) relationId, [String](http://docs.google.com/java/lang/String.html) roleName)            Retrieves the number of MBeans currently referenced in the given role. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html) | |
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| Methods in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [Integer](http://docs.google.com/java/lang/Integer.html) | **TargetedNotification.**[**getListenerID**](http://docs.google.com/javax/management/remote/TargetedNotification.html#getListenerID())()            The ID of the listener to which the notification is targeted. |

| Constructors in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html) with parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| [**TargetedNotification**](http://docs.google.com/javax/management/remote/TargetedNotification.html#TargetedNotification(javax.management.Notification,%20java.lang.Integer))([Notification](http://docs.google.com/javax/management/Notification.html) notification, [Integer](http://docs.google.com/java/lang/Integer.html) listenerID)            Constructs a TargetedNotification object. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html) | |
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| Methods in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [Integer](http://docs.google.com/java/lang/Integer.html)[] | **RMIConnectionImpl\_Stub.**[**addNotificationListeners**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html#addNotificationListeners(javax.management.ObjectName%5B%5D,%20java.rmi.MarshalledObject%5B%5D,%20javax.security.auth.Subject%5B%5D))([ObjectName](http://docs.google.com/javax/management/ObjectName.html)[] $param\_arrayOf\_ObjectName\_1, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)[] $param\_arrayOf\_MarshalledObject\_2, [Subject](http://docs.google.com/javax/security/auth/Subject.html)[] $param\_arrayOf\_Subject\_3) |
| [Integer](http://docs.google.com/java/lang/Integer.html)[] | **RMIConnectionImpl.**[**addNotificationListeners**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html#addNotificationListeners(javax.management.ObjectName%5B%5D,%20java.rmi.MarshalledObject%5B%5D,%20javax.security.auth.Subject%5B%5D))([ObjectName](http://docs.google.com/javax/management/ObjectName.html)[] names, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)[] filters, [Subject](http://docs.google.com/javax/security/auth/Subject.html)[] delegationSubjects) |
| [Integer](http://docs.google.com/java/lang/Integer.html)[] | **RMIConnection.**[**addNotificationListeners**](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html#addNotificationListeners(javax.management.ObjectName%5B%5D,%20java.rmi.MarshalledObject%5B%5D,%20javax.security.auth.Subject%5B%5D))([ObjectName](http://docs.google.com/javax/management/ObjectName.html)[] names, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)[] filters, [Subject](http://docs.google.com/javax/security/auth/Subject.html)[] delegationSubjects)            Handles the method [MBeanServerConnection.addNotificationListener(ObjectName, NotificationListener, NotificationFilter, Object)](http://docs.google.com/javax/management/MBeanServerConnection.html#addNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)). |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RMIConnectionImpl\_Stub.**[**getMBeanCount**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html#getMBeanCount(javax.security.auth.Subject))([Subject](http://docs.google.com/javax/security/auth/Subject.html) $param\_Subject\_1) |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RMIConnectionImpl.**[**getMBeanCount**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html#getMBeanCount(javax.security.auth.Subject))([Subject](http://docs.google.com/javax/security/auth/Subject.html) delegationSubject) |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **RMIConnection.**[**getMBeanCount**](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html#getMBeanCount(javax.security.auth.Subject))([Subject](http://docs.google.com/javax/security/auth/Subject.html) delegationSubject)            Handles the method [MBeanServerConnection.getMBeanCount()](http://docs.google.com/javax/management/MBeanServerConnection.html#getMBeanCount()). |

| Methods in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html) with parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| void | **RMIConnectionImpl\_Stub.**[**removeNotificationListeners**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html#removeNotificationListeners(javax.management.ObjectName,%20java.lang.Integer%5B%5D,%20javax.security.auth.Subject))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) $param\_ObjectName\_1, [Integer](http://docs.google.com/java/lang/Integer.html)[] $param\_arrayOf\_Integer\_2, [Subject](http://docs.google.com/javax/security/auth/Subject.html) $param\_Subject\_3) |
| void | **RMIConnectionImpl.**[**removeNotificationListeners**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html#removeNotificationListeners(javax.management.ObjectName,%20java.lang.Integer%5B%5D,%20javax.security.auth.Subject))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name, [Integer](http://docs.google.com/java/lang/Integer.html)[] listenerIDs, [Subject](http://docs.google.com/javax/security/auth/Subject.html) delegationSubject) |
| void | **RMIConnection.**[**removeNotificationListeners**](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html#removeNotificationListeners(javax.management.ObjectName,%20java.lang.Integer%5B%5D,%20javax.security.auth.Subject))([ObjectName](http://docs.google.com/javax/management/ObjectName.html) name, [Integer](http://docs.google.com/java/lang/Integer.html)[] listenerIDs, [Subject](http://docs.google.com/javax/security/auth/Subject.html) delegationSubject)            Handles the [removeNotificationListener(ObjectName, NotificationListener)](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener)) and [removeNotificationListener(ObjectName, NotificationListener, NotificationFilter, Object)](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) methods. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) | |
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| Methods in [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [Integer](http://docs.google.com/java/lang/Integer.html) | **TimerMBean.**[**addNotification**](http://docs.google.com/javax/management/timer/TimerMBean.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date and a null period and number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **Timer.**[**addNotification**](http://docs.google.com/javax/management/timer/Timer.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date and a null period and number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **TimerMBean.**[**addNotification**](http://docs.google.com/javax/management/timer/TimerMBean.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date,%20long))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date, long period)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date and period and a null number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **Timer.**[**addNotification**](http://docs.google.com/javax/management/timer/Timer.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date,%20long))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date, long period)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date and period and a null number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **TimerMBean.**[**addNotification**](http://docs.google.com/javax/management/timer/TimerMBean.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date,%20long,%20long))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date, long period, long nbOccurences)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date, period and number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **Timer.**[**addNotification**](http://docs.google.com/javax/management/timer/Timer.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date,%20long,%20long))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date, long period, long nbOccurences)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date, period and number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **TimerMBean.**[**addNotification**](http://docs.google.com/javax/management/timer/TimerMBean.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date,%20long,%20long,%20boolean))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date, long period, long nbOccurences, boolean fixedRate)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date, period and number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **Timer.**[**addNotification**](http://docs.google.com/javax/management/timer/Timer.html#addNotification(java.lang.String,%20java.lang.String,%20java.lang.Object,%20java.util.Date,%20long,%20long,%20boolean))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) message, [Object](http://docs.google.com/java/lang/Object.html) userData, [Date](http://docs.google.com/java/util/Date.html) date, long period, long nbOccurences, boolean fixedRate)            Creates a new timer notification with the specified type, message and userData and inserts it into the list of notifications with a given date, period and number of occurrences. |
| [Integer](http://docs.google.com/java/lang/Integer.html) | **TimerNotification.**[**getNotificationID**](http://docs.google.com/javax/management/timer/TimerNotification.html#getNotificationID())()            Gets the identifier of this timer notification. |

| Methods in [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) that return types with arguments of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [Vector](http://docs.google.com/java/util/Vector.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **TimerMBean.**[**getAllNotificationIDs**](http://docs.google.com/javax/management/timer/TimerMBean.html#getAllNotificationIDs())()            Gets all timer notification identifiers registered into the list of notifications. |
| [Vector](http://docs.google.com/java/util/Vector.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **Timer.**[**getAllNotificationIDs**](http://docs.google.com/javax/management/timer/Timer.html#getAllNotificationIDs())()            Gets all timer notification identifiers registered into the list of notifications. |
| [Vector](http://docs.google.com/java/util/Vector.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **TimerMBean.**[**getNotificationIDs**](http://docs.google.com/javax/management/timer/TimerMBean.html#getNotificationIDs(java.lang.String))([String](http://docs.google.com/java/lang/String.html) type)            Gets all the identifiers of timer notifications corresponding to the specified type. |
| [Vector](http://docs.google.com/java/util/Vector.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **Timer.**[**getNotificationIDs**](http://docs.google.com/javax/management/timer/Timer.html#getNotificationIDs(java.lang.String))([String](http://docs.google.com/java/lang/String.html) type)            Gets all the identifiers of timer notifications corresponding to the specified type. |

| Methods in [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) with parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [Date](http://docs.google.com/java/util/Date.html) | **TimerMBean.**[**getDate**](http://docs.google.com/javax/management/timer/TimerMBean.html#getDate(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the date associated to a timer notification. |
| [Date](http://docs.google.com/java/util/Date.html) | **Timer.**[**getDate**](http://docs.google.com/javax/management/timer/Timer.html#getDate(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the date associated to a timer notification. |
| [Boolean](http://docs.google.com/java/lang/Boolean.html) | **TimerMBean.**[**getFixedRate**](http://docs.google.com/javax/management/timer/TimerMBean.html#getFixedRate(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the flag indicating whether a periodic notification is executed at *fixed-delay* or at *fixed-rate*. |
| [Boolean](http://docs.google.com/java/lang/Boolean.html) | **Timer.**[**getFixedRate**](http://docs.google.com/javax/management/timer/Timer.html#getFixedRate(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the flag indicating whether a periodic notification is executed at *fixed-delay* or at *fixed-rate*. |
| [Long](http://docs.google.com/java/lang/Long.html) | **TimerMBean.**[**getNbOccurences**](http://docs.google.com/javax/management/timer/TimerMBean.html#getNbOccurences(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the remaining number of occurrences associated to a timer notification. |
| [Long](http://docs.google.com/java/lang/Long.html) | **Timer.**[**getNbOccurences**](http://docs.google.com/javax/management/timer/Timer.html#getNbOccurences(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the remaining number of occurrences associated to a timer notification. |
| [String](http://docs.google.com/java/lang/String.html) | **TimerMBean.**[**getNotificationMessage**](http://docs.google.com/javax/management/timer/TimerMBean.html#getNotificationMessage(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets the timer notification detailed message corresponding to the specified identifier. |
| [String](http://docs.google.com/java/lang/String.html) | **Timer.**[**getNotificationMessage**](http://docs.google.com/javax/management/timer/Timer.html#getNotificationMessage(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets the timer notification detailed message corresponding to the specified identifier. |
| [String](http://docs.google.com/java/lang/String.html) | **TimerMBean.**[**getNotificationType**](http://docs.google.com/javax/management/timer/TimerMBean.html#getNotificationType(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets the timer notification type corresponding to the specified identifier. |
| [String](http://docs.google.com/java/lang/String.html) | **Timer.**[**getNotificationType**](http://docs.google.com/javax/management/timer/Timer.html#getNotificationType(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets the timer notification type corresponding to the specified identifier. |
| [Object](http://docs.google.com/java/lang/Object.html) | **TimerMBean.**[**getNotificationUserData**](http://docs.google.com/javax/management/timer/TimerMBean.html#getNotificationUserData(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets the timer notification user data object corresponding to the specified identifier. |
| [Object](http://docs.google.com/java/lang/Object.html) | **Timer.**[**getNotificationUserData**](http://docs.google.com/javax/management/timer/Timer.html#getNotificationUserData(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets the timer notification user data object corresponding to the specified identifier. |
| [Long](http://docs.google.com/java/lang/Long.html) | **TimerMBean.**[**getPeriod**](http://docs.google.com/javax/management/timer/TimerMBean.html#getPeriod(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the period (in milliseconds) associated to a timer notification. |
| [Long](http://docs.google.com/java/lang/Long.html) | **Timer.**[**getPeriod**](http://docs.google.com/javax/management/timer/Timer.html#getPeriod(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Gets a copy of the period (in milliseconds) associated to a timer notification. |
| void | **TimerMBean.**[**removeNotification**](http://docs.google.com/javax/management/timer/TimerMBean.html#removeNotification(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Removes the timer notification corresponding to the specified identifier from the list of notifications. |
| void | **Timer.**[**removeNotification**](http://docs.google.com/javax/management/timer/Timer.html#removeNotification(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) id)            Removes the timer notification corresponding to the specified identifier from the list of notifications. |

| Constructors in [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) with parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [**TimerNotification**](http://docs.google.com/javax/management/timer/TimerNotification.html#TimerNotification(java.lang.String,%20java.lang.Object,%20long,%20long,%20java.lang.String,%20java.lang.Integer))([String](http://docs.google.com/java/lang/String.html) type, [Object](http://docs.google.com/java/lang/Object.html) source, long sequenceNumber, long timeStamp, [String](http://docs.google.com/java/lang/String.html) msg, [Integer](http://docs.google.com/java/lang/Integer.html) id)            Creates a timer notification object. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.script](http://docs.google.com/javax/script/package-summary.html) | |
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| Methods in [javax.script](http://docs.google.com/javax/script/package-summary.html) that return types with arguments of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| [List](http://docs.google.com/java/util/List.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **SimpleScriptContext.**[**getScopes**](http://docs.google.com/javax/script/SimpleScriptContext.html#getScopes())()            Returns immutable List of all the valid values for scope in the ScriptContext. |
| [List](http://docs.google.com/java/util/List.html)<[Integer](http://docs.google.com/java/lang/Integer.html)> | **ScriptContext.**[**getScopes**](http://docs.google.com/javax/script/ScriptContext.html#getScopes())()            Returns immutable List of all the valid values for scope in the ScriptContext. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Fields in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) declared as [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| static [Integer](http://docs.google.com/java/lang/Integer.html) | **JLayeredPane.**[**DEFAULT\_LAYER**](http://docs.google.com/javax/swing/JLayeredPane.html#DEFAULT_LAYER)            Convenience object defining the Default layer. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **JLayeredPane.**[**DRAG\_LAYER**](http://docs.google.com/javax/swing/JLayeredPane.html#DRAG_LAYER)            Convenience object defining the Drag layer. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **JLayeredPane.**[**FRAME\_CONTENT\_LAYER**](http://docs.google.com/javax/swing/JLayeredPane.html#FRAME_CONTENT_LAYER)            Convenience object defining the Frame Content layer. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **JLayeredPane.**[**MODAL\_LAYER**](http://docs.google.com/javax/swing/JLayeredPane.html#MODAL_LAYER)            Convenience object defining the Modal layer. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **JLayeredPane.**[**PALETTE\_LAYER**](http://docs.google.com/javax/swing/JLayeredPane.html#PALETTE_LAYER)            Convenience object defining the Palette layer. |
| static [Integer](http://docs.google.com/java/lang/Integer.html) | **JLayeredPane.**[**POPUP\_LAYER**](http://docs.google.com/javax/swing/JLayeredPane.html#POPUP_LAYER)            Convenience object defining the Popup layer. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| protected  [Integer](http://docs.google.com/java/lang/Integer.html) | **JLayeredPane.**[**getObjectForLayer**](http://docs.google.com/javax/swing/JLayeredPane.html#getObjectForLayer(int))(int layer)            Returns the Integer object associated with a specified layer. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return types with arguments of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| protected  [Hashtable](http://docs.google.com/java/util/Hashtable.html)<[Component](http://docs.google.com/java/awt/Component.html),[Integer](http://docs.google.com/java/lang/Integer.html)> | **JLayeredPane.**[**getComponentToLayer**](http://docs.google.com/javax/swing/JLayeredPane.html#getComponentToLayer())()            Returns the hashtable that maps components to layers. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Integer](http://docs.google.com/java/lang/Integer.html) | |
| --- | --- |
| void | **JInternalFrame.**[**setLayer**](http://docs.google.com/javax/swing/JInternalFrame.html#setLayer(java.lang.Integer))([Integer](http://docs.google.com/java/lang/Integer.html) layer)            Convenience method for setting the layer attribute of this component. |

| Uses of [Integer](http://docs.google.com/java/lang/Integer.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [Integer](http://docs.google.com/java/lang/Integer.html) | |
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| protected  [Integer](http://docs.google.com/java/lang/Integer.html) | **BasicSliderUI.**[**getHighestValue**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getHighestValue())()            Returns the biggest value that has an entry in the label table. |
| protected  [Integer](http://docs.google.com/java/lang/Integer.html) | **BasicSliderUI.**[**getLowestValue**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#getLowestValue())()            Returns the smallest value that has an entry in the label table. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/Integer.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/lang//class-useInteger.html)    [**NO FRAMES**](http://docs.google.com/Integer.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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