| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/Date.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/util//class-useDate.html)    [**NO FRAMES**](http://docs.google.com/Date.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.util.Date**

| Packages that use [Date](http://docs.google.com/java/util/Date.html) | |
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| [**java.security**](#3znysh7) | Provides the classes and interfaces for the security framework. |
| [**java.security.cert**](#2et92p0) | Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths. |
| [**java.sql**](#tyjcwt) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**java.text**](#3dy6vkm) | Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages. |
| [**java.util**](#1t3h5sf) | 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). |
| [**java.util.concurrent.locks**](#4d34og8) | Interfaces and classes providing a framework for locking and waiting for conditions that is distinct from built-in synchronization and monitors. |
| [**javax.management.openmbean**](#2s8eyo1) | Provides the open data types and Open MBean descriptor classes. |
| [**javax.management.timer**](#17dp8vu) | Provides the definition of the Timer MBean. |
| [**javax.print.attribute**](#3rdcrjn) | Provides classes and interfaces that describe the types of JavaTM Print Service attributes and how they can be collected into attribute sets. |
| [**javax.print.attribute.standard**](#26in1rg) | Package javax.print.attribute.standard contains classes for specific printing attributes. |
| [**javax.security.auth.kerberos**](#lnxbz9) | This package contains utility classes related to the Kerberos network authentication protocol. |
| [**javax.security.cert**](#35nkun2) | Provides classes for public key certificates. |
| [**javax.swing**](#1ksv4uv) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.xml.datatype**](#44sinio) | XML/Java Type Mappings. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
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| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) that return [Date](http://docs.google.com/java/util/Date.html) | |
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| abstract  [Date](http://docs.google.com/java/util/Date.html) | **KeyStoreSpi.**[**engineGetCreationDate**](http://docs.google.com/java/security/KeyStoreSpi.html#engineGetCreationDate(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns the creation date of the entry identified by the given alias. |
| [Date](http://docs.google.com/java/util/Date.html) | **KeyStore.**[**getCreationDate**](http://docs.google.com/java/security/KeyStore.html#getCreationDate(java.lang.String))([String](http://docs.google.com/java/lang/String.html) alias)            Returns the creation date of the entry identified by the given alias. |
| [Date](http://docs.google.com/java/util/Date.html) | **Timestamp.**[**getTimestamp**](http://docs.google.com/java/security/Timestamp.html#getTimestamp())()            Returns the date and time when the timestamp was generated. |

| Constructors in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| [**Timestamp**](http://docs.google.com/java/security/Timestamp.html#Timestamp(java.util.Date,%20java.security.cert.CertPath))([Date](http://docs.google.com/java/util/Date.html) timestamp, [CertPath](http://docs.google.com/java/security/cert/CertPath.html) signerCertPath)            Constructs a Timestamp. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
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| Methods in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) that return [Date](http://docs.google.com/java/util/Date.html) | |
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| [Date](http://docs.google.com/java/util/Date.html) | **X509CertSelector.**[**getCertificateValid**](http://docs.google.com/java/security/cert/X509CertSelector.html#getCertificateValid())()            Returns the certificateValid criterion. |
| [Date](http://docs.google.com/java/util/Date.html) | **PKIXParameters.**[**getDate**](http://docs.google.com/java/security/cert/PKIXParameters.html#getDate())()            Returns the time for which the validity of the certification path should be determined. |
| [Date](http://docs.google.com/java/util/Date.html) | **X509CRLSelector.**[**getDateAndTime**](http://docs.google.com/java/security/cert/X509CRLSelector.html#getDateAndTime())()            Returns the dateAndTime criterion. |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **X509CRL.**[**getNextUpdate**](http://docs.google.com/java/security/cert/X509CRL.html#getNextUpdate())()            Gets the nextUpdate date from the CRL. |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **X509Certificate.**[**getNotAfter**](http://docs.google.com/java/security/cert/X509Certificate.html#getNotAfter())()            Gets the notAfter date from the validity period of the certificate. |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **X509Certificate.**[**getNotBefore**](http://docs.google.com/java/security/cert/X509Certificate.html#getNotBefore())()            Gets the notBefore date from the validity period of the certificate. |
| [Date](http://docs.google.com/java/util/Date.html) | **X509CertSelector.**[**getPrivateKeyValid**](http://docs.google.com/java/security/cert/X509CertSelector.html#getPrivateKeyValid())()            Returns the privateKeyValid criterion. |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **X509CRLEntry.**[**getRevocationDate**](http://docs.google.com/java/security/cert/X509CRLEntry.html#getRevocationDate())()            Gets the revocation date from this X509CRLEntry, the *revocationDate*. |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **X509CRL.**[**getThisUpdate**](http://docs.google.com/java/security/cert/X509CRL.html#getThisUpdate())()            Gets the thisUpdate date from the CRL. |

| Methods in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| abstract  void | **X509Certificate.**[**checkValidity**](http://docs.google.com/java/security/cert/X509Certificate.html#checkValidity(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Checks that the given date is within the certificate's validity period. |
| void | **X509CertSelector.**[**setCertificateValid**](http://docs.google.com/java/security/cert/X509CertSelector.html#setCertificateValid(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) certValid)            Sets the certificateValid criterion. |
| void | **PKIXParameters.**[**setDate**](http://docs.google.com/java/security/cert/PKIXParameters.html#setDate(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Sets the time for which the validity of the certification path should be determined. |
| void | **X509CRLSelector.**[**setDateAndTime**](http://docs.google.com/java/security/cert/X509CRLSelector.html#setDateAndTime(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) dateAndTime)            Sets the dateAndTime criterion. |
| void | **X509CertSelector.**[**setPrivateKeyValid**](http://docs.google.com/java/security/cert/X509CertSelector.html#setPrivateKeyValid(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) privateKeyValid)            Sets the privateKeyValid criterion. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
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| Subclasses of [Date](http://docs.google.com/java/util/Date.html) in [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
| --- | --- |
| class | [**Date**](http://docs.google.com/java/sql/Date.html)            A thin wrapper around a millisecond value that allows JDBC to identify this as an SQL DATE value. |
| class | [**Time**](http://docs.google.com/java/sql/Time.html)            A thin wrapper around the java.util.Date class that allows the JDBC API to identify this as an SQL TIME value. |
| class | [**Timestamp**](http://docs.google.com/java/sql/Timestamp.html)            A thin wrapper around java.util.Date that allows the JDBC API to identify this as an SQL TIMESTAMP value. |

| Methods in [java.sql](http://docs.google.com/java/sql/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| int | **Timestamp.**[**compareTo**](http://docs.google.com/java/sql/Timestamp.html#compareTo(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) o)            Compares this Timestamp object to the given Date, which must be a Timestamp object. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [java.text](http://docs.google.com/java/text/package-summary.html) | |
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| Methods in [java.text](http://docs.google.com/java/text/package-summary.html) that return [Date](http://docs.google.com/java/util/Date.html) | |
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| [Date](http://docs.google.com/java/util/Date.html) | **SimpleDateFormat.**[**get2DigitYearStart**](http://docs.google.com/java/text/SimpleDateFormat.html#get2DigitYearStart())()            Returns the beginning date of the 100-year period 2-digit years are interpreted as being within. |
| [Date](http://docs.google.com/java/util/Date.html) | **DateFormat.**[**parse**](http://docs.google.com/java/text/DateFormat.html#parse(java.lang.String))([String](http://docs.google.com/java/lang/String.html) source)            Parses text from the beginning of the given string to produce a date. |
| [Date](http://docs.google.com/java/util/Date.html) | **SimpleDateFormat.**[**parse**](http://docs.google.com/java/text/SimpleDateFormat.html#parse(java.lang.String,%20java.text.ParsePosition))([String](http://docs.google.com/java/lang/String.html) text, [ParsePosition](http://docs.google.com/java/text/ParsePosition.html) pos)            Parses text from a string to produce a Date. |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **DateFormat.**[**parse**](http://docs.google.com/java/text/DateFormat.html#parse(java.lang.String,%20java.text.ParsePosition))([String](http://docs.google.com/java/lang/String.html) source, [ParsePosition](http://docs.google.com/java/text/ParsePosition.html) pos)            Parse a date/time string according to the given parse position. |

| Methods in [java.text](http://docs.google.com/java/text/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| [String](http://docs.google.com/java/lang/String.html) | **DateFormat.**[**format**](http://docs.google.com/java/text/DateFormat.html#format(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Formats a Date into a date/time string. |
| [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) | **SimpleDateFormat.**[**format**](http://docs.google.com/java/text/SimpleDateFormat.html#format(java.util.Date,%20java.lang.StringBuffer,%20java.text.FieldPosition))([Date](http://docs.google.com/java/util/Date.html) date, [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) toAppendTo, [FieldPosition](http://docs.google.com/java/text/FieldPosition.html) pos)            Formats the given Date into a date/time string and appends the result to the given StringBuffer. |
| abstract  [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) | **DateFormat.**[**format**](http://docs.google.com/java/text/DateFormat.html#format(java.util.Date,%20java.lang.StringBuffer,%20java.text.FieldPosition))([Date](http://docs.google.com/java/util/Date.html) date, [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) toAppendTo, [FieldPosition](http://docs.google.com/java/text/FieldPosition.html) fieldPosition)            Formats a Date into a date/time string. |
| void | **SimpleDateFormat.**[**set2DigitYearStart**](http://docs.google.com/java/text/SimpleDateFormat.html#set2DigitYearStart(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) startDate)            Sets the 100-year period 2-digit years will be interpreted as being in to begin on the date the user specifies. |

| Uses of [Date](http://docs.google.com/java/util/Date.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 [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| [Date](http://docs.google.com/java/util/Date.html) | **GregorianCalendar.**[**getGregorianChange**](http://docs.google.com/java/util/GregorianCalendar.html#getGregorianChange())()            Gets the Gregorian Calendar change date. |
| [Date](http://docs.google.com/java/util/Date.html) | **Calendar.**[**getTime**](http://docs.google.com/java/util/Calendar.html#getTime())()            Returns a Date object representing this Calendar's time value (millisecond offset from the [Epoch](http://docs.google.com/java/util/#Epoch)"). |

| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| boolean | **Date.**[**after**](http://docs.google.com/java/util/Date.html#after(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) when)            Tests if this date is after the specified date. |
| boolean | **Date.**[**before**](http://docs.google.com/java/util/Date.html#before(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) when)            Tests if this date is before the specified date. |
| int | **Date.**[**compareTo**](http://docs.google.com/java/util/Date.html#compareTo(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) anotherDate)            Compares two Dates for ordering. |
| boolean | **SimpleTimeZone.**[**inDaylightTime**](http://docs.google.com/java/util/SimpleTimeZone.html#inDaylightTime(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Queries if the given date is in daylight saving time. |
| abstract  boolean | **TimeZone.**[**inDaylightTime**](http://docs.google.com/java/util/TimeZone.html#inDaylightTime(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Queries if the given date is in daylight savings time in this time zone. |
| void | **Timer.**[**schedule**](http://docs.google.com/java/util/Timer.html#schedule(java.util.TimerTask,%20java.util.Date))([TimerTask](http://docs.google.com/java/util/TimerTask.html) task, [Date](http://docs.google.com/java/util/Date.html) time)            Schedules the specified task for execution at the specified time. |
| void | **Timer.**[**schedule**](http://docs.google.com/java/util/Timer.html#schedule(java.util.TimerTask,%20java.util.Date,%20long))([TimerTask](http://docs.google.com/java/util/TimerTask.html) task, [Date](http://docs.google.com/java/util/Date.html) firstTime, long period)            Schedules the specified task for repeated *fixed-delay execution*, beginning at the specified time. |
| void | **Timer.**[**scheduleAtFixedRate**](http://docs.google.com/java/util/Timer.html#scheduleAtFixedRate(java.util.TimerTask,%20java.util.Date,%20long))([TimerTask](http://docs.google.com/java/util/TimerTask.html) task, [Date](http://docs.google.com/java/util/Date.html) firstTime, long period)            Schedules the specified task for repeated *fixed-rate execution*, beginning at the specified time. |
| void | **GregorianCalendar.**[**setGregorianChange**](http://docs.google.com/java/util/GregorianCalendar.html#setGregorianChange(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Sets the GregorianCalendar change date. |
| void | **Calendar.**[**setTime**](http://docs.google.com/java/util/Calendar.html#setTime(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Sets this Calendar's time with the given Date. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html) | |
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| Methods in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| boolean | **AbstractQueuedLongSynchronizer.ConditionObject.**[**awaitUntil**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.ConditionObject.html#awaitUntil(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) deadline)            Implements absolute timed condition wait. |
| boolean | **Condition.**[**awaitUntil**](http://docs.google.com/java/util/concurrent/locks/Condition.html#awaitUntil(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) deadline)            Causes the current thread to wait until it is signalled or interrupted, or the specified deadline elapses. |
| boolean | **AbstractQueuedSynchronizer.ConditionObject.**[**awaitUntil**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.ConditionObject.html#awaitUntil(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) deadline)            Implements absolute timed condition wait. |

| Uses of [Date](http://docs.google.com/java/util/Date.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 [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| static [SimpleType](http://docs.google.com/javax/management/openmbean/SimpleType.html)<[Date](http://docs.google.com/java/util/Date.html)> | **SimpleType.**[**DATE**](http://docs.google.com/javax/management/openmbean/SimpleType.html#DATE)            The SimpleType instance describing values whose Java class name is java.util.Date. |

| Uses of [Date](http://docs.google.com/java/util/Date.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 [Date](http://docs.google.com/java/util/Date.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. |

| Methods in [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| [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. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
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| Methods in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) that return [Date](http://docs.google.com/java/util/Date.html) | |
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| [Date](http://docs.google.com/java/util/Date.html) | **DateTimeSyntax.**[**getValue**](http://docs.google.com/javax/print/attribute/DateTimeSyntax.html#getValue())()            Returns this date-time attribute's java.util.Date value. |

| Constructors in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| [**DateTimeSyntax**](http://docs.google.com/javax/print/attribute/DateTimeSyntax.html#DateTimeSyntax(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) value)            Construct a new date-time attribute with the given java.util.Date value. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
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| Constructors in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| [**DateTimeAtCompleted**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCompleted.html#DateTimeAtCompleted(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) dateTime)            Construct a new date-time at completed attribute with the given [Date](http://docs.google.com/java/util/Date.html) value. |
| [**DateTimeAtCreation**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtCreation.html#DateTimeAtCreation(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) dateTime)            Construct a new date-time at creation attribute with the given [Date](http://docs.google.com/java/util/Date.html) value. |
| [**DateTimeAtProcessing**](http://docs.google.com/javax/print/attribute/standard/DateTimeAtProcessing.html#DateTimeAtProcessing(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) dateTime)            Construct a new date-time at processing attribute with the given [Date](http://docs.google.com/java/util/Date.html) value. |
| [**JobHoldUntil**](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html#JobHoldUntil(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) dateTime)            Construct a new job hold until date-time attribute with the given [Date](http://docs.google.com/java/util/Date.html) value. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [javax.security.auth.kerberos](http://docs.google.com/javax/security/auth/kerberos/package-summary.html) | |
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| Methods in [javax.security.auth.kerberos](http://docs.google.com/javax/security/auth/kerberos/package-summary.html) that return [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| [Date](http://docs.google.com/java/util/Date.html) | **KerberosTicket.**[**getAuthTime**](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html#getAuthTime())()            Returns the time that the client was authenticated. |
| [Date](http://docs.google.com/java/util/Date.html) | **KerberosTicket.**[**getEndTime**](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html#getEndTime())()            Returns the expiration time for this ticket's validity period. |
| [Date](http://docs.google.com/java/util/Date.html) | **KerberosTicket.**[**getRenewTill**](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html#getRenewTill())()            Returns the latest expiration time for this ticket, including all renewals. |
| [Date](http://docs.google.com/java/util/Date.html) | **KerberosTicket.**[**getStartTime**](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html#getStartTime())()            Returns the start time for this ticket's validity period. |

| Constructors in [javax.security.auth.kerberos](http://docs.google.com/javax/security/auth/kerberos/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
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| [**KerberosTicket**](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html#KerberosTicket(byte%5B%5D,%20javax.security.auth.kerberos.KerberosPrincipal,%20javax.security.auth.kerberos.KerberosPrincipal,%20byte%5B%5D,%20int,%20boolean%5B%5D,%20java.util.Date,%20java.util.Date,%20java.util.Date,%20java.util.Date,%20java.net.InetAddress%5B%5D))(byte[] asn1Encoding, [KerberosPrincipal](http://docs.google.com/javax/security/auth/kerberos/KerberosPrincipal.html) client, [KerberosPrincipal](http://docs.google.com/javax/security/auth/kerberos/KerberosPrincipal.html) server, byte[] sessionKey, int keyType, boolean[] flags, [Date](http://docs.google.com/java/util/Date.html) authTime, [Date](http://docs.google.com/java/util/Date.html) startTime, [Date](http://docs.google.com/java/util/Date.html) endTime, [Date](http://docs.google.com/java/util/Date.html) renewTill, [InetAddress](http://docs.google.com/java/net/InetAddress.html)[] clientAddresses)            Constructs a KerberosTicket using credentials information that a client either receives from a KDC or reads from a cache. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) | |
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| Methods in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) that return [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **X509Certificate.**[**getNotAfter**](http://docs.google.com/javax/security/cert/X509Certificate.html#getNotAfter())()            Gets the notAfter date from the validity period of the certificate. |
| abstract  [Date](http://docs.google.com/java/util/Date.html) | **X509Certificate.**[**getNotBefore**](http://docs.google.com/javax/security/cert/X509Certificate.html#getNotBefore())()            Gets the notBefore date from the validity period of the certificate. |

| Methods in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| abstract  void | **X509Certificate.**[**checkValidity**](http://docs.google.com/javax/security/cert/X509Certificate.html#checkValidity(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Checks that the specified date is within the certificate's validity period. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| [Date](http://docs.google.com/java/util/Date.html) | **SpinnerDateModel.**[**getDate**](http://docs.google.com/javax/swing/SpinnerDateModel.html#getDate())()            Returns the current element in this sequence of Dates. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| static   | <M,I> [RowFilter](http://docs.google.com/javax/swing/RowFilter.html)<M,I> | | --- | | **RowFilter.**[**dateFilter**](http://docs.google.com/javax/swing/RowFilter.html#dateFilter(javax.swing.RowFilter.ComparisonType,%20java.util.Date,%20int...))([RowFilter.ComparisonType](http://docs.google.com/javax/swing/RowFilter.ComparisonType.html) type, [Date](http://docs.google.com/java/util/Date.html) date, int... indices)            Returns a RowFilter that includes entries that have at least one Date value meeting the specified criteria. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| [**SpinnerDateModel**](http://docs.google.com/javax/swing/SpinnerDateModel.html#SpinnerDateModel(java.util.Date,%20java.lang.Comparable,%20java.lang.Comparable,%20int))([Date](http://docs.google.com/java/util/Date.html) value, [Comparable](http://docs.google.com/java/lang/Comparable.html) start, [Comparable](http://docs.google.com/java/lang/Comparable.html) end, int calendarField)            Creates a SpinnerDateModel that represents a sequence of dates between start and end. |

| Uses of [Date](http://docs.google.com/java/util/Date.html) in [javax.xml.datatype](http://docs.google.com/javax/xml/datatype/package-summary.html) | |
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| Methods in [javax.xml.datatype](http://docs.google.com/javax/xml/datatype/package-summary.html) with parameters of type [Date](http://docs.google.com/java/util/Date.html) | |
| --- | --- |
| void | **Duration.**[**addTo**](http://docs.google.com/javax/xml/datatype/Duration.html#addTo(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) date)            Adds this duration to a [Date](http://docs.google.com/java/util/Date.html) object. |
| long | **Duration.**[**getTimeInMillis**](http://docs.google.com/javax/xml/datatype/Duration.html#getTimeInMillis(java.util.Date))([Date](http://docs.google.com/java/util/Date.html) startInstant)            Returns the length of the duration in milli-seconds. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/Date.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/util//class-useDate.html)    [**NO FRAMES**](http://docs.google.com/Date.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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