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

**Uses of Package**

**java.util**

| Packages that use [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| [**java.applet**](#3znysh7) | Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context. |
| [**java.awt**](#2et92p0) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.datatransfer**](#tyjcwt) | Provides interfaces and classes for transferring data between and within applications. |
| [**java.awt.dnd**](#3dy6vkm) | Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI. |
| [**java.awt.event**](#1t3h5sf) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**java.awt.font**](#4d34og8) | Provides classes and interface relating to fonts. |
| [**java.awt.im**](#2s8eyo1) | Provides classes and interfaces for the input method framework. |
| [**java.awt.im.spi**](#17dp8vu) | Provides interfaces that enable the development of input methods that can be used with any Java runtime environment. |
| [**java.awt.image**](#3rdcrjn) | Provides classes for creating and modifying images. |
| [**java.awt.image.renderable**](#26in1rg) | Provides classes and interfaces for producing rendering-independent images. |
| [**java.beans**](#lnxbz9) | Contains classes related to developing *beans* -- components based on the JavaBeansTM architecture. |
| [**java.beans.beancontext**](#35nkun2) | Provides classes and interfaces relating to bean context. |
| [**java.io**](#1ksv4uv) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.lang**](#44sinio) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.lang.management**](#2jxsxqh) | Provides the management interface for monitoring and management of the Java virtual machine as well as the operating system on which the Java virtual machine is running. |
| [**java.math**](#z337ya) | Provides classes for performing arbitrary-precision integer arithmetic (BigInteger) and arbitrary-precision decimal arithmetic (BigDecimal). |
| [**java.net**](#3j2qqm3) | Provides the classes for implementing networking applications. |
| [**java.nio.channels**](#1y810tw) | Defines channels, which represent connections to entities that are capable of performing I/O operations, such as files and sockets; defines selectors, for multiplexed, non-blocking I/O operations. |
| [**java.nio.channels.spi**](#4i7ojhp) | Service-provider classes for the [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) package. |
| [**java.nio.charset**](#2xcytpi) | Defines charsets, decoders, and encoders, for translating between bytes and Unicode characters. |
| [**java.nio.charset.spi**](#1ci93xb) | Service-provider classes for the [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) package. |
| [**java.rmi.activation**](#3whwml4) | Provides support for RMI Object Activation. |
| [**java.security**](#2bn6wsx) | Provides the classes and interfaces for the security framework. |
| [**java.security.acl**](#qsh70q) | The classes and interfaces in this package have been superseded by classes in the java.security package. |
| [**java.security.cert**](#3as4poj) | Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths. |
| [**java.sql**](#1pxezwc) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**java.text**](#49x2ik5) | Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages. |
| [**java.text.spi**](#2p2csry) | Service provider classes for the classes in the java.text package. |
| [**java.util**](#147n2zr) | 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**](#3o7alnk) | Utility classes commonly useful in concurrent programming. |
| [**java.util.concurrent.locks**](#23ckvvd) | Interfaces and classes providing a framework for locking and waiting for conditions that is distinct from built-in synchronization and monitors. |
| [**java.util.jar**](#ihv636) | Provides classes for reading and writing the JAR (Java ARchive) file format, which is based on the standard ZIP file format with an optional manifest file. |
| [**java.util.logging**](#32hioqz) | Provides the classes and interfaces of the JavaTM 2 platform's core logging facilities. |
| [**java.util.prefs**](#1hmsyys) | This package allows applications to store and retrieve user and system preference and configuration data. |
| [**java.util.spi**](#41mghml) | Service provider classes for the classes in the java.util package. |
| [**java.util.zip**](#2grqrue) | Provides classes for reading and writing the standard ZIP and GZIP file formats. |
| [**javax.accessibility**](#vx1227) | Defines a contract between user-interface components and an assistive technology that provides access to those components. |
| [**javax.activation**](#3fwokq0) |  |
| [**javax.annotation.processing**](#1v1yuxt) | Facilities for declaring annotation processors and for allowing annotation processors to communicate with an annotation processing tool environment. |
| [**javax.imageio**](#4f1mdlm) | The main package of the Java Image I/O API. |
| [**javax.imageio.event**](#2u6wntf) | A package of the Java Image I/O API dealing with synchronous notification of events during the reading and writing of images. |
| [**javax.imageio.metadata**](#19c6y18) | A package of the Java Image I/O API dealing with reading and writing metadata. |
| [**javax.imageio.plugins.bmp**](#3tbugp1) | Package containing the public classes used by the built-in BMP plug-in. |
| [**javax.imageio.plugins.jpeg**](#28h4qwu) | Classes supporting the built-in JPEG plug-in. |
| [**javax.imageio.spi**](#nmf14n) | A package of the Java Image I/O API containing the plug-in interfaces for readers, writers, transcoders, and streams, and a runtime registry. |
| [**javax.lang.model.element**](#37m2jsg) | Interfaces used to model elements of the Java programming language. |
| [**javax.lang.model.type**](#1mrcu09) | Interfaces used to model Java programming language types. |
| [**javax.lang.model.util**](#46r0co2) | Utilities to assist in the processing of [program elements](http://docs.google.com/javax/lang/model/element/package-summary.html) and [types](http://docs.google.com/javax/lang/model/type/package-summary.html). |
| [**javax.management**](#2lwamvv) | Provides the core classes for the Java Management Extensions. |
| [**javax.management.loading**](#111kx3o) | Provides the classes which implement advanced dynamic loading. |
| [**javax.management.monitor**](#3l18frh) | Provides the definition of the monitor classes. |
| [**javax.management.openmbean**](#206ipza) | Provides the open data types and Open MBean descriptor classes. |
| [**javax.management.relation**](#4k668n3) | Provides the definition of the Relation Service. |
| [**javax.management.remote**](#2zbgiuw) | Interfaces for remote access to JMX MBean servers. |
| [**javax.management.remote.rmi**](#1egqt2p) | 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**](#3ygebqi) | Provides the definition of the Timer MBean. |
| [**javax.naming**](#2dlolyb) | Provides the classes and interfaces for accessing naming services. |
| [**javax.naming.directory**](#sqyw64) | Extends the javax.naming package to provide functionality for accessing directory services. |
| [**javax.naming.event**](#3cqmetx) | Provides support for event notification when accessing naming and directory services. |
| [**javax.naming.ldap**](#1rvwp1q) | Provides support for LDAPv3 extended operations and controls. |
| [**javax.naming.spi**](#4bvk7pj) | Provides the means for dynamically plugging in support for accessing naming and directory services through the javax.naming and related packages. |
| [**javax.net.ssl**](#2r0uhxc) | Provides classes for the secure socket package. |
| [**javax.print.attribute**](#1664s55) | 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**](#3q5sasy) | Package javax.print.attribute.standard contains classes for specific printing attributes. |
| [**javax.print.event**](#25b2l0r) | Package javax.print.event contains event classes and listener interfaces. |
| [**javax.script**](#kgcv8k) | 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.security.auth**](#34g0dwd) | This package provides a framework for authentication and authorization. |
| [**javax.security.auth.callback**](#1jlao46) | This package provides the classes necessary for services to interact with applications in order to retrieve information (authentication data including usernames or passwords, for example) or to display information (error and warning messages, for example). |
| [**javax.security.auth.kerberos**](#43ky6rz) | This package contains utility classes related to the Kerberos network authentication protocol. |
| [**javax.security.auth.login**](#2iq8gzs) | This package provides a pluggable authentication framework. |
| [**javax.security.auth.spi**](#xvir7l) | This package provides the interface to be used for implementing pluggable authentication modules. |
| [**javax.security.auth.x500**](#3hv69ve) | This package contains the classes that should be used to store X500 Principal and X500 Private Crendentials in a *Subject*. |
| [**javax.security.sasl**](#1x0gk37) | Contains class and interfaces for supporting SASL. |
| [**javax.sound.midi**](#4h042r0) | Provides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data. |
| [**javax.sound.sampled**](#2w5ecyt) | Provides interfaces and classes for capture, processing, and playback of sampled audio data. |
| [**javax.sql**](#1baon6m) | Provides the API for server side data source access and processing from the JavaTM programming language. |
| [**javax.sql.rowset**](#3vac5uf) | Standard interfaces and base classes for JDBC RowSet implementations. |
| [**javax.sql.rowset.serial**](#2afmg28) | Provides utility classes to allow serializable mappings between SQL types and data types in the Java programming language. |
| [**javax.sql.rowset.spi**](#pkwqa1) | The standard classes and interfaces that a third party vendor has to use in its implementation of a synchronization provider. |
| [**javax.swing**](#39kk8xu) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.event**](#1opuj5n) | Provides for events fired by Swing components. |
| [**javax.swing.plaf.basic**](#48pi1tg) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#2nusc19) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.plaf.multi**](#1302m92) | Provides user interface objects that combine two or more look and feels. |
| [**javax.swing.table**](#3mzq4wv) | Provides classes and interfaces for dealing with javax.swing.JTable. |
| [**javax.swing.text**](#2250f4o) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#haapch) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |
| [**javax.swing.text.html.parser**](#319y80a) | Provides the default HTML parser, along with support classes. |
| [**javax.swing.tree**](#1gf8i83) | Provides classes and interfaces for dealing with javax.swing.JTree. |
| [**javax.swing.undo**](#40ew0vw) | Allows developers to provide support for undo/redo in applications such as text editors. |
| [**javax.tools**](#2fk6b3p) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |
| [**javax.xml.bind**](#upglbi) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.crypto**](#3ep43zb) | Common classes for XML cryptography. |
| [**javax.xml.crypto.dom**](#1tuee74) | DOM-specific classes for the [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) package. |
| [**javax.xml.crypto.dsig**](#4du1wux) | Classes for generating and validating XML digital signatures. |
| [**javax.xml.crypto.dsig.keyinfo**](#2szc72q) | Classes for parsing and processing [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) elements and structures. |
| [**javax.xml.crypto.dsig.spec**](#184mhaj) | Parameter classes for XML digital signatures. |
| [**javax.xml.datatype**](#3s49zyc) | XML/Java Type Mappings. |
| [**javax.xml.namespace**](#279ka65) | XML Namespace processing. |
| [**javax.xml.soap**](#meukdy) | Provides the API for creating and building SOAP messages. |
| [**javax.xml.stream**](#36ei31r) |  |
| [**javax.xml.stream.events**](#1ljsd9k) |  |
| [**javax.xml.stream.util**](#45jfvxd) |  |
| [**javax.xml.transform**](#2koq656) | This package defines the generic APIs for processing transformation instructions, and performing a transformation from source to result. |
| [**javax.xml.ws**](#zu0gcz) | This package contains the core JAX-WS APIs. |
| [**javax.xml.ws.handler**](#3jtnz0s) | This package defines APIs for message handlers. |
| [**javax.xml.ws.handler.soap**](#1yyy98l) | This package defines APIs for SOAP message handlers. |
| [**javax.xml.ws.soap**](#4iylrwe) | This package defines APIs specific to the SOAP binding. |
| [**javax.xml.ws.spi**](#2y3w247) | This package defines SPIs for JAX-WS 2.0. |
| [**javax.xml.xpath**](#1d96cc0) | This package provides an *object-model neutral* API for the evaluation of XPath expressions and access to the evaluation environment. |
| [**org.omg.CORBA**](#3x8tuzt) | Provides the mapping of the OMG CORBA APIs to the JavaTM programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB). |
| [**org.xml.sax**](#2ce457m) | This package provides the core SAX APIs. |
| [**org.xml.sax.helpers**](#rjefff) | This package contains "helper" classes, including support for bootstrapping SAX-based applications. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.applet](http://docs.google.com/java/applet/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.applet)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.applet)            An iterator over a collection. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.applet)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.awt)            The root interface in the *collection hierarchy*. |
| [**EmptyStackException**](http://docs.google.com/java/util/class-use/EmptyStackException.html#java.awt)            Thrown by methods in the Stack class to indicate that the stack is empty. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.awt)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.awt)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#java.awt)             The root class from which all event state objects shall be derived. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#java.awt)            This class implements a hashtable, which maps keys to values. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.awt)            An ordered collection (also known as a *sequence*). |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.awt)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.awt)            An object that maps keys to values. |
| [**Map.Entry**](http://docs.google.com/java/util/class-use/Map.Entry.html#java.awt)            A map entry (key-value pair). |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#java.awt)            The Properties class represents a persistent set of properties. |
| [**ResourceBundle**](http://docs.google.com/java/util/class-use/ResourceBundle.html#java.awt)            Resource bundles contain locale-specific objects. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.awt)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.datatransfer](http://docs.google.com/java/awt/datatransfer/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.awt.datatransfer)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#java.awt.datatransfer)             The root class from which all event state objects shall be derived. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.awt.datatransfer)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.awt.datatransfer)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) | |
| --- | --- |
| [**ArrayList**](http://docs.google.com/java/util/class-use/ArrayList.html#java.awt.dnd)            Resizable-array implementation of the List interface. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.awt.dnd)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#java.awt.dnd)             The root class from which all event state objects shall be derived. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.awt.dnd)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.awt.dnd)            An ordered collection (also known as a *sequence*). |
| [**TooManyListenersException**](http://docs.google.com/java/util/class-use/TooManyListenersException.html#java.awt.dnd)             The TooManyListenersException Exception is used as part of the Java Event model to annotate and implement a unicast special case of a multicast Event Source. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.awt.event)            A tagging interface that all event listener interfaces must extend. |
| [**EventListenerProxy**](http://docs.google.com/java/util/class-use/EventListenerProxy.html#java.awt.event)            An abstract wrapper class for an EventListener class which associates a set of additional parameters with the listener. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#java.awt.event)             The root class from which all event state objects shall be derived. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) | |
| --- | --- |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.awt.font)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.im](http://docs.google.com/java/awt/im/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.awt.im)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.awt.im)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.im.spi](http://docs.google.com/java/awt/im/spi/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.awt.im.spi)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
| --- | --- |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#java.awt.image)            This class implements a hashtable, which maps keys to values. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#java.awt.image)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html) | |
| --- | --- |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#java.awt.image.renderable)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.beans](http://docs.google.com/java/beans/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.beans)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.beans)            A tagging interface that all event listener interfaces must extend. |
| [**EventListenerProxy**](http://docs.google.com/java/util/class-use/EventListenerProxy.html#java.beans)            An abstract wrapper class for an EventListener class which associates a set of additional parameters with the listener. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#java.beans)             The root class from which all event state objects shall be derived. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.beans.beancontext](http://docs.google.com/java/beans/beancontext/package-summary.html) | |
| --- | --- |
| [**ArrayList**](http://docs.google.com/java/util/class-use/ArrayList.html#java.beans.beancontext)            Resizable-array implementation of the List interface. |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.beans.beancontext)            The root interface in the *collection hierarchy*. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.beans.beancontext)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#java.beans.beancontext)             The root class from which all event state objects shall be derived. |
| [**HashMap**](http://docs.google.com/java/util/class-use/HashMap.html#java.beans.beancontext)            Hash table based implementation of the Map interface. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.beans.beancontext)            An iterator over a collection. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.beans.beancontext)            A Locale object represents a specific geographical, political, or cultural region. |
| [**TooManyListenersException**](http://docs.google.com/java/util/class-use/TooManyListenersException.html#java.beans.beancontext)             The TooManyListenersException Exception is used as part of the Java Event model to annotate and implement a unicast special case of a multicast Event Source. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.io](http://docs.google.com/java/io/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.io)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.io)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
| --- | --- |
| [**Comparator**](http://docs.google.com/java/util/class-use/Comparator.html#java.lang)            A comparison function, which imposes a *total ordering* on some collection of objects. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.lang)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.lang)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.lang)            An ordered collection (also known as a *sequence*). |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.lang)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.lang)            An object that maps keys to values. |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#java.lang)            The Properties class represents a persistent set of properties. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.lang.management](http://docs.google.com/java/lang/management/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.lang.management)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.lang.management)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.math](http://docs.google.com/java/math/package-summary.html) | |
| --- | --- |
| [**Random**](http://docs.google.com/java/util/class-use/Random.html#java.math)            An instance of this class is used to generate a stream of pseudorandom numbers. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.net](http://docs.google.com/java/net/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.net)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.net)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.net)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) | |
| --- | --- |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.nio.channels)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.nio.channels.spi](http://docs.google.com/java/nio/channels/spi/package-summary.html) | |
| --- | --- |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.nio.channels.spi)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.nio.charset)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.nio.charset)            A collection that contains no duplicate elements. |
| [**SortedMap**](http://docs.google.com/java/util/class-use/SortedMap.html#java.nio.charset)            A [Map](http://docs.google.com/java/util/Map.html) that further provides a *total ordering* on its keys. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.nio.charset.spi](http://docs.google.com/java/nio/charset/spi/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.nio.charset.spi)            An iterator over a collection. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.rmi.activation](http://docs.google.com/java/rmi/activation/package-summary.html) | |
| --- | --- |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#java.rmi.activation)            The Properties class represents a persistent set of properties. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.security](http://docs.google.com/java/security/package-summary.html) | |
| --- | --- |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.security)            The root interface in the *collection hierarchy*. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#java.security)            The class Date represents a specific instant in time, with millisecond precision. |
| [**Dictionary**](http://docs.google.com/java/util/class-use/Dictionary.html#java.security)            The Dictionary class is the abstract parent of any class, such as Hashtable, which maps keys to values. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.security)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#java.security)            This class implements a hashtable, which maps keys to values. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.security)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.security)            An object that maps keys to values. |
| [**Map.Entry**](http://docs.google.com/java/util/class-use/Map.Entry.html#java.security)            A map entry (key-value pair). |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#java.security)            The Properties class represents a persistent set of properties. |
| [**Random**](http://docs.google.com/java/util/class-use/Random.html#java.security)            An instance of this class is used to generate a stream of pseudorandom numbers. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.security)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.security.acl](http://docs.google.com/java/security/acl/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.security.acl)            An object that implements the Enumeration interface generates a series of elements, one at a time. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
| --- | --- |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.security.cert)            The root interface in the *collection hierarchy*. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#java.security.cert)            The class Date represents a specific instant in time, with millisecond precision. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.security.cert)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.security.cert)            An ordered collection (also known as a *sequence*). |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.security.cert)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
| --- | --- |
| [**Calendar**](http://docs.google.com/java/util/class-use/Calendar.html#java.sql)            The Calendar class is an abstract class that provides methods for converting between a specific instant in time and a set of [calendar fields](http://docs.google.com/java/util/Calendar.html#fields) such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#java.sql)            The class Date represents a specific instant in time, with millisecond precision. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.sql)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.sql)            An iterator over a collection. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.sql)            An object that maps keys to values. |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#java.sql)            The Properties class represents a persistent set of properties. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.text](http://docs.google.com/java/text/package-summary.html) | |
| --- | --- |
| [**Calendar**](http://docs.google.com/java/util/class-use/Calendar.html#java.text)            The Calendar class is an abstract class that provides methods for converting between a specific instant in time and a set of [calendar fields](http://docs.google.com/java/util/Calendar.html#fields) such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week. |
| [**Comparator**](http://docs.google.com/java/util/class-use/Comparator.html#java.text)            A comparison function, which imposes a *total ordering* on some collection of objects. |
| [**Currency**](http://docs.google.com/java/util/class-use/Currency.html#java.text)            Represents a currency. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#java.text)            The class Date represents a specific instant in time, with millisecond precision. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.text)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.text)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.text)            A collection that contains no duplicate elements. |
| [**TimeZone**](http://docs.google.com/java/util/class-use/TimeZone.html#java.text)            TimeZone represents a time zone offset, and also figures out daylight savings. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.text.spi](http://docs.google.com/java/text/spi/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.text.spi)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| [**AbstractCollection**](http://docs.google.com/java/util/class-use/AbstractCollection.html#java.util)            This class provides a skeletal implementation of the Collection interface, to minimize the effort required to implement this interface. |
| [**AbstractList**](http://docs.google.com/java/util/class-use/AbstractList.html#java.util)            This class provides a skeletal implementation of the [List](http://docs.google.com/java/util/List.html) interface to minimize the effort required to implement this interface backed by a "random access" data store (such as an array). |
| [**AbstractMap**](http://docs.google.com/java/util/class-use/AbstractMap.html#java.util)            This class provides a skeletal implementation of the Map interface, to minimize the effort required to implement this interface. |
| [**AbstractQueue**](http://docs.google.com/java/util/class-use/AbstractQueue.html#java.util)            This class provides skeletal implementations of some [Queue](http://docs.google.com/java/util/Queue.html) operations. |
| [**AbstractSequentialList**](http://docs.google.com/java/util/class-use/AbstractSequentialList.html#java.util)            This class provides a skeletal implementation of the List interface to minimize the effort required to implement this interface backed by a "sequential access" data store (such as a linked list). |
| [**AbstractSet**](http://docs.google.com/java/util/class-use/AbstractSet.html#java.util)            This class provides a skeletal implementation of the Set interface to minimize the effort required to implement this interface. |
| [**ArrayDeque**](http://docs.google.com/java/util/class-use/ArrayDeque.html#java.util)            Resizable-array implementation of the [Deque](http://docs.google.com/java/util/Deque.html) interface. |
| [**ArrayList**](http://docs.google.com/java/util/class-use/ArrayList.html#java.util)            Resizable-array implementation of the List interface. |
| [**BitSet**](http://docs.google.com/java/util/class-use/BitSet.html#java.util)            This class implements a vector of bits that grows as needed. |
| [**Calendar**](http://docs.google.com/java/util/class-use/Calendar.html#java.util)            The Calendar class is an abstract class that provides methods for converting between a specific instant in time and a set of [calendar fields](http://docs.google.com/java/util/Calendar.html#fields) such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week. |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.util)            The root interface in the *collection hierarchy*. |
| [**Comparator**](http://docs.google.com/java/util/class-use/Comparator.html#java.util)            A comparison function, which imposes a *total ordering* on some collection of objects. |
| [**Currency**](http://docs.google.com/java/util/class-use/Currency.html#java.util)            Represents a currency. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#java.util)            The class Date represents a specific instant in time, with millisecond precision. |
| [**Deque**](http://docs.google.com/java/util/class-use/Deque.html#java.util)            A linear collection that supports element insertion and removal at both ends. |
| [**Dictionary**](http://docs.google.com/java/util/class-use/Dictionary.html#java.util)            The Dictionary class is the abstract parent of any class, such as Hashtable, which maps keys to values. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.util)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EnumMap**](http://docs.google.com/java/util/class-use/EnumMap.html#java.util)            A specialized [Map](http://docs.google.com/java/util/Map.html) implementation for use with enum type keys. |
| [**EnumSet**](http://docs.google.com/java/util/class-use/EnumSet.html#java.util)            A specialized [Set](http://docs.google.com/java/util/Set.html) implementation for use with enum types. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.util)            A tagging interface that all event listener interfaces must extend. |
| [**Formatter**](http://docs.google.com/java/util/class-use/Formatter.html#java.util)            An interpreter for printf-style format strings. |
| [**Formatter.BigDecimalLayoutForm**](http://docs.google.com/java/util/class-use/Formatter.BigDecimalLayoutForm.html#java.util) |
| [**HashMap**](http://docs.google.com/java/util/class-use/HashMap.html#java.util)            Hash table based implementation of the Map interface. |
| [**HashSet**](http://docs.google.com/java/util/class-use/HashSet.html#java.util)            This class implements the Set interface, backed by a hash table (actually a HashMap instance). |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#java.util)            This class implements a hashtable, which maps keys to values. |
| [**IllegalFormatException**](http://docs.google.com/java/util/class-use/IllegalFormatException.html#java.util)            Unchecked exception thrown when a format string contains an illegal syntax or a format specifier that is incompatible with the given arguments. |
| [**InvalidPropertiesFormatException**](http://docs.google.com/java/util/class-use/InvalidPropertiesFormatException.html#java.util)            Thrown to indicate that an operation could not complete because the input did not conform to the appropriate XML document type for a collection of properties, as per the [Properties](http://docs.google.com/java/util/Properties.html) specification. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.util)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.util)            An ordered collection (also known as a *sequence*). |
| [**ListIterator**](http://docs.google.com/java/util/class-use/ListIterator.html#java.util)            An iterator for lists that allows the programmer to traverse the list in either direction, modify the list during iteration, and obtain the iterator's current position in the list. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.util)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.util)            An object that maps keys to values. |
| [**Map.Entry**](http://docs.google.com/java/util/class-use/Map.Entry.html#java.util)            A map entry (key-value pair). |
| [**MissingResourceException**](http://docs.google.com/java/util/class-use/MissingResourceException.html#java.util)            Signals that a resource is missing. |
| [**NavigableMap**](http://docs.google.com/java/util/class-use/NavigableMap.html#java.util)            A [SortedMap](http://docs.google.com/java/util/SortedMap.html) extended with navigation methods returning the closest matches for given search targets. |
| [**NavigableSet**](http://docs.google.com/java/util/class-use/NavigableSet.html#java.util)            A [SortedSet](http://docs.google.com/java/util/SortedSet.html) extended with navigation methods reporting closest matches for given search targets. |
| [**NoSuchElementException**](http://docs.google.com/java/util/class-use/NoSuchElementException.html#java.util)            Thrown by the nextElement method of an Enumeration to indicate that there are no more elements in the enumeration. |
| [**Observable**](http://docs.google.com/java/util/class-use/Observable.html#java.util)            This class represents an observable object, or "data" in the model-view paradigm. |
| [**Observer**](http://docs.google.com/java/util/class-use/Observer.html#java.util)            A class can implement the Observer interface when it wants to be informed of changes in observable objects. |
| [**PriorityQueue**](http://docs.google.com/java/util/class-use/PriorityQueue.html#java.util)            An unbounded priority [queue](http://docs.google.com/java/util/Queue.html) based on a priority heap. |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#java.util)            The Properties class represents a persistent set of properties. |
| [**Queue**](http://docs.google.com/java/util/class-use/Queue.html#java.util)            A collection designed for holding elements prior to processing. |
| [**Random**](http://docs.google.com/java/util/class-use/Random.html#java.util)            An instance of this class is used to generate a stream of pseudorandom numbers. |
| [**RandomAccess**](http://docs.google.com/java/util/class-use/RandomAccess.html#java.util)            Marker interface used by List implementations to indicate that they support fast (generally constant time) random access. |
| [**ResourceBundle**](http://docs.google.com/java/util/class-use/ResourceBundle.html#java.util)            Resource bundles contain locale-specific objects. |
| [**ResourceBundle.Control**](http://docs.google.com/java/util/class-use/ResourceBundle.Control.html#java.util)            ResourceBundle.Control defines a set of callback methods that are invoked by the [ResourceBundle.getBundle](http://docs.google.com/java/util/ResourceBundle.html#getBundle(java.lang.String,%20java.util.Locale,%20java.lang.ClassLoader,%20java.util.ResourceBundle.Control)) factory methods during the bundle loading process. |
| [**Scanner**](http://docs.google.com/java/util/class-use/Scanner.html#java.util)            A simple text scanner which can parse primitive types and strings using regular expressions. |
| [**ServiceLoader**](http://docs.google.com/java/util/class-use/ServiceLoader.html#java.util)            A simple service-provider loading facility. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.util)            A collection that contains no duplicate elements. |
| [**SortedMap**](http://docs.google.com/java/util/class-use/SortedMap.html#java.util)            A [Map](http://docs.google.com/java/util/Map.html) that further provides a *total ordering* on its keys. |
| [**SortedSet**](http://docs.google.com/java/util/class-use/SortedSet.html#java.util)            A [Set](http://docs.google.com/java/util/Set.html) that further provides a *total ordering* on its elements. |
| [**TimerTask**](http://docs.google.com/java/util/class-use/TimerTask.html#java.util)            A task that can be scheduled for one-time or repeated execution by a Timer. |
| [**TimeZone**](http://docs.google.com/java/util/class-use/TimeZone.html#java.util)            TimeZone represents a time zone offset, and also figures out daylight savings. |
| [**UUID**](http://docs.google.com/java/util/class-use/UUID.html#java.util)            A class that represents an immutable universally unique identifier (UUID). |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#java.util)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
| --- | --- |
| [**AbstractCollection**](http://docs.google.com/java/util/class-use/AbstractCollection.html#java.util.concurrent)            This class provides a skeletal implementation of the Collection interface, to minimize the effort required to implement this interface. |
| [**AbstractMap**](http://docs.google.com/java/util/class-use/AbstractMap.html#java.util.concurrent)            This class provides a skeletal implementation of the Map interface, to minimize the effort required to implement this interface. |
| [**AbstractQueue**](http://docs.google.com/java/util/class-use/AbstractQueue.html#java.util.concurrent)            This class provides skeletal implementations of some [Queue](http://docs.google.com/java/util/Queue.html) operations. |
| [**AbstractSet**](http://docs.google.com/java/util/class-use/AbstractSet.html#java.util.concurrent)            This class provides a skeletal implementation of the Set interface to minimize the effort required to implement this interface. |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.util.concurrent)            The root interface in the *collection hierarchy*. |
| [**Comparator**](http://docs.google.com/java/util/class-use/Comparator.html#java.util.concurrent)            A comparison function, which imposes a *total ordering* on some collection of objects. |
| [**Deque**](http://docs.google.com/java/util/class-use/Deque.html#java.util.concurrent)            A linear collection that supports element insertion and removal at both ends. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.util.concurrent)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#java.util.concurrent)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.util.concurrent)            An ordered collection (also known as a *sequence*). |
| [**ListIterator**](http://docs.google.com/java/util/class-use/ListIterator.html#java.util.concurrent)            An iterator for lists that allows the programmer to traverse the list in either direction, modify the list during iteration, and obtain the iterator's current position in the list. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.util.concurrent)            An object that maps keys to values. |
| [**Map.Entry**](http://docs.google.com/java/util/class-use/Map.Entry.html#java.util.concurrent)            A map entry (key-value pair). |
| [**NavigableMap**](http://docs.google.com/java/util/class-use/NavigableMap.html#java.util.concurrent)            A [SortedMap](http://docs.google.com/java/util/SortedMap.html) extended with navigation methods returning the closest matches for given search targets. |
| [**NavigableSet**](http://docs.google.com/java/util/class-use/NavigableSet.html#java.util.concurrent)            A [SortedSet](http://docs.google.com/java/util/SortedSet.html) extended with navigation methods reporting closest matches for given search targets. |
| [**Queue**](http://docs.google.com/java/util/class-use/Queue.html#java.util.concurrent)            A collection designed for holding elements prior to processing. |
| [**RandomAccess**](http://docs.google.com/java/util/class-use/RandomAccess.html#java.util.concurrent)            Marker interface used by List implementations to indicate that they support fast (generally constant time) random access. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.util.concurrent)            A collection that contains no duplicate elements. |
| [**SortedMap**](http://docs.google.com/java/util/class-use/SortedMap.html#java.util.concurrent)            A [Map](http://docs.google.com/java/util/Map.html) that further provides a *total ordering* on its keys. |
| [**SortedSet**](http://docs.google.com/java/util/class-use/SortedSet.html#java.util.concurrent)            A [Set](http://docs.google.com/java/util/Set.html) that further provides a *total ordering* on its elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html) | |
| --- | --- |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.util.concurrent.locks)            The root interface in the *collection hierarchy*. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#java.util.concurrent.locks)            The class Date represents a specific instant in time, with millisecond precision. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) | |
| --- | --- |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#java.util.jar)            The root interface in the *collection hierarchy*. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.util.jar)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#java.util.jar)            An object that maps keys to values. |
| [**Map.Entry**](http://docs.google.com/java/util/class-use/Map.Entry.html#java.util.jar)            A map entry (key-value pair). |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#java.util.jar)            A collection that contains no duplicate elements. |
| [**SortedMap**](http://docs.google.com/java/util/class-use/SortedMap.html#java.util.jar)            A [Map](http://docs.google.com/java/util/Map.html) that further provides a *total ordering* on its keys. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util.logging](http://docs.google.com/java/util/logging/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.util.logging)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#java.util.logging)            An ordered collection (also known as a *sequence*). |
| [**ResourceBundle**](http://docs.google.com/java/util/class-use/ResourceBundle.html#java.util.logging)            Resource bundles contain locale-specific objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util.prefs](http://docs.google.com/java/util/prefs/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#java.util.prefs)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#java.util.prefs)             The root class from which all event state objects shall be derived. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util.spi](http://docs.google.com/java/util/spi/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#java.util.spi)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#java.util.zip)            An object that implements the Enumeration interface generates a series of elements, one at a time. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) | |
| --- | --- |
| [**ListResourceBundle**](http://docs.google.com/java/util/class-use/ListResourceBundle.html#javax.accessibility)            ListResourceBundle is an abstract subclass of ResourceBundle that manages resources for a locale in a convenient and easy to use list. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.accessibility)            A Locale object represents a specific geographical, political, or cultural region. |
| [**ResourceBundle**](http://docs.google.com/java/util/class-use/ResourceBundle.html#javax.accessibility)            Resource bundles contain locale-specific objects. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.accessibility)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.activation](http://docs.google.com/javax/activation/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.activation)            An object that implements the Enumeration interface generates a series of elements, one at a time. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.annotation.processing)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.annotation.processing)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.annotation.processing)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.imageio)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.imageio)            An ordered collection (also known as a *sequence*). |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.imageio)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.imageio)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.imageio.event](http://docs.google.com/javax/imageio/event/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.imageio.event)            A tagging interface that all event listener interfaces must extend. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.imageio.metadata](http://docs.google.com/javax/imageio/metadata/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.imageio.metadata)            An ordered collection (also known as a *sequence*). |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.imageio.metadata)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.imageio.plugins.bmp](http://docs.google.com/javax/imageio/plugins/bmp/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.imageio.plugins.bmp)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.imageio.plugins.jpeg](http://docs.google.com/javax/imageio/plugins/jpeg/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.imageio.plugins.jpeg)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.imageio.spi)            An iterator over a collection. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.imageio.spi)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.lang.model.element)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.lang.model.element)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.lang.model.element)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.lang.model.type](http://docs.google.com/javax/lang/model/type/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.lang.model.type)            An ordered collection (also known as a *sequence*). |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.lang.model.util)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.lang.model.util)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.lang.model.util)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management](http://docs.google.com/javax/management/package-summary.html) | |
| --- | --- |
| [**AbstractCollection**](http://docs.google.com/java/util/class-use/AbstractCollection.html#javax.management)            This class provides a skeletal implementation of the Collection interface, to minimize the effort required to implement this interface. |
| [**AbstractList**](http://docs.google.com/java/util/class-use/AbstractList.html#javax.management)            This class provides a skeletal implementation of the [List](http://docs.google.com/java/util/List.html) interface to minimize the effort required to implement this interface backed by a "random access" data store (such as an array). |
| [**ArrayList**](http://docs.google.com/java/util/class-use/ArrayList.html#javax.management)            Resizable-array implementation of the List interface. |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#javax.management)            The root interface in the *collection hierarchy*. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.management)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.management)             The root class from which all event state objects shall be derived. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.management)            This class implements a hashtable, which maps keys to values. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.management)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.management)            An object that maps keys to values. |
| [**RandomAccess**](http://docs.google.com/java/util/class-use/RandomAccess.html#javax.management)            Marker interface used by List implementations to indicate that they support fast (generally constant time) random access. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.management)            A collection that contains no duplicate elements. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.management)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management.loading](http://docs.google.com/javax/management/loading/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.management.loading)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.management.loading)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.management.loading)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.management.loading)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management.monitor](http://docs.google.com/javax/management/monitor/package-summary.html) | |
| --- | --- |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.management.monitor)             The root class from which all event state objects shall be derived. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management.openmbean](http://docs.google.com/javax/management/openmbean/package-summary.html) | |
| --- | --- |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#javax.management.openmbean)            The root interface in the *collection hierarchy*. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#javax.management.openmbean)            The class Date represents a specific instant in time, with millisecond precision. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.management.openmbean)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.management.openmbean)            An object that maps keys to values. |
| [**Map.Entry**](http://docs.google.com/java/util/class-use/Map.Entry.html#javax.management.openmbean)            A map entry (key-value pair). |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.management.openmbean)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) | |
| --- | --- |
| [**AbstractCollection**](http://docs.google.com/java/util/class-use/AbstractCollection.html#javax.management.relation)            This class provides a skeletal implementation of the Collection interface, to minimize the effort required to implement this interface. |
| [**AbstractList**](http://docs.google.com/java/util/class-use/AbstractList.html#javax.management.relation)            This class provides a skeletal implementation of the [List](http://docs.google.com/java/util/List.html) interface to minimize the effort required to implement this interface backed by a "random access" data store (such as an array). |
| [**ArrayList**](http://docs.google.com/java/util/class-use/ArrayList.html#javax.management.relation)            Resizable-array implementation of the List interface. |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#javax.management.relation)            The root interface in the *collection hierarchy*. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.management.relation)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.management.relation)             The root class from which all event state objects shall be derived. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.management.relation)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.management.relation)            An object that maps keys to values. |
| [**RandomAccess**](http://docs.google.com/java/util/class-use/RandomAccess.html#javax.management.relation)            Marker interface used by List implementations to indicate that they support fast (generally constant time) random access. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.management.relation)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html) | |
| --- | --- |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.management.remote)             The root class from which all event state objects shall be derived. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.management.remote)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html) | |
| --- | --- |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.management.remote.rmi)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.management.remote.rmi)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.management.timer](http://docs.google.com/javax/management/timer/package-summary.html) | |
| --- | --- |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#javax.management.timer)            The class Date represents a specific instant in time, with millisecond precision. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.management.timer)             The root class from which all event state objects shall be derived. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.management.timer)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.naming](http://docs.google.com/javax/naming/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.naming)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.naming)            This class implements a hashtable, which maps keys to values. |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#javax.naming)            The Properties class represents a persistent set of properties. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.naming)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.naming.directory](http://docs.google.com/javax/naming/directory/package-summary.html) | |
| --- | --- |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.naming.directory)            This class implements a hashtable, which maps keys to values. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.naming.directory)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.naming.event](http://docs.google.com/javax/naming/event/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.naming.event)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.naming.event)             The root class from which all event state objects shall be derived. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.naming.ldap)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.naming.ldap)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.naming.ldap)             The root class from which all event state objects shall be derived. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.naming.ldap)            This class implements a hashtable, which maps keys to values. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.naming.ldap)            An ordered collection (also known as a *sequence*). |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.naming.spi](http://docs.google.com/javax/naming/spi/package-summary.html) | |
| --- | --- |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.naming.spi)            This class implements a hashtable, which maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.net.ssl)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.net.ssl)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.net.ssl)             The root class from which all event state objects shall be derived. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.net.ssl)            An ordered collection (also known as a *sequence*). |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html) | |
| --- | --- |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#javax.print.attribute)            The class Date represents a specific instant in time, with millisecond precision. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.print.attribute)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
| --- | --- |
| [**AbstractCollection**](http://docs.google.com/java/util/class-use/AbstractCollection.html#javax.print.attribute.standard)            This class provides a skeletal implementation of the Collection interface, to minimize the effort required to implement this interface. |
| [**AbstractMap**](http://docs.google.com/java/util/class-use/AbstractMap.html#javax.print.attribute.standard)            This class provides a skeletal implementation of the Map interface, to minimize the effort required to implement this interface. |
| [**AbstractSet**](http://docs.google.com/java/util/class-use/AbstractSet.html#javax.print.attribute.standard)            This class provides a skeletal implementation of the Set interface to minimize the effort required to implement this interface. |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#javax.print.attribute.standard)            The root interface in the *collection hierarchy*. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#javax.print.attribute.standard)            The class Date represents a specific instant in time, with millisecond precision. |
| [**HashMap**](http://docs.google.com/java/util/class-use/HashMap.html#javax.print.attribute.standard)            Hash table based implementation of the Map interface. |
| [**HashSet**](http://docs.google.com/java/util/class-use/HashSet.html#javax.print.attribute.standard)            This class implements the Set interface, backed by a hash table (actually a HashMap instance). |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.print.attribute.standard)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.print.attribute.standard)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.print.attribute.standard)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.print.event](http://docs.google.com/javax/print/event/package-summary.html) | |
| --- | --- |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.print.event)             The root class from which all event state objects shall be derived. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.script](http://docs.google.com/javax/script/package-summary.html) | |
| --- | --- |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#javax.script)            The root interface in the *collection hierarchy*. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.script)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.script)            An object that maps keys to values. |
| [**Map.Entry**](http://docs.google.com/java/util/class-use/Map.Entry.html#javax.script)            A map entry (key-value pair). |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.script)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html) | |
| --- | --- |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.security.auth)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.security.auth.callback](http://docs.google.com/javax/security/auth/callback/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.security.auth.callback)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.security.auth.kerberos](http://docs.google.com/javax/security/auth/kerberos/package-summary.html) | |
| --- | --- |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#javax.security.auth.kerberos)            The class Date represents a specific instant in time, with millisecond precision. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.security.auth.login](http://docs.google.com/javax/security/auth/login/package-summary.html) | |
| --- | --- |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.security.auth.login)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.security.auth.spi](http://docs.google.com/javax/security/auth/spi/package-summary.html) | |
| --- | --- |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.security.auth.spi)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.security.auth.x500](http://docs.google.com/javax/security/auth/x500/package-summary.html) | |
| --- | --- |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.security.auth.x500)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.security.sasl](http://docs.google.com/javax/security/sasl/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.security.sasl)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.security.sasl)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.sound.midi)            A tagging interface that all event listener interfaces must extend. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.sound.midi)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.sound.midi)            An object that maps keys to values. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.sound.midi)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.sound.sampled)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.sound.sampled)             The root class from which all event state objects shall be derived. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.sound.sampled)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.sql](http://docs.google.com/javax/sql/package-summary.html) | |
| --- | --- |
| [**Calendar**](http://docs.google.com/java/util/class-use/Calendar.html#javax.sql)            The Calendar class is an abstract class that provides methods for converting between a specific instant in time and a set of [calendar fields](http://docs.google.com/java/util/Calendar.html#fields) such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.sql)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.sql)             The root class from which all event state objects shall be derived. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.sql)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) | |
| --- | --- |
| [**Calendar**](http://docs.google.com/java/util/class-use/Calendar.html#javax.sql.rowset)            The Calendar class is an abstract class that provides methods for converting between a specific instant in time and a set of [calendar fields](http://docs.google.com/java/util/Calendar.html#fields) such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week. |
| [**Collection**](http://docs.google.com/java/util/class-use/Collection.html#javax.sql.rowset)            The root interface in the *collection hierarchy*. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.sql.rowset)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) | |
| --- | --- |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.sql.rowset.serial)            An object that maps keys to values. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.sql.rowset.serial)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.sql.rowset.spi](http://docs.google.com/javax/sql/rowset/spi/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.sql.rowset.spi)            An object that implements the Enumeration interface generates a series of elements, one at a time. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |
| [**Comparator**](http://docs.google.com/java/util/class-use/Comparator.html#javax.swing)            A comparison function, which imposes a *total ordering* on some collection of objects. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#javax.swing)            The class Date represents a specific instant in time, with millisecond precision. |
| [**Dictionary**](http://docs.google.com/java/util/class-use/Dictionary.html#javax.swing)            The Dictionary class is the abstract parent of any class, such as Hashtable, which maps keys to values. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.swing)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.swing)             The root class from which all event state objects shall be derived. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.swing)            This class implements a hashtable, which maps keys to values. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.swing)            An ordered collection (also known as a *sequence*). |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.swing)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.swing)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.swing)            A collection that contains no duplicate elements. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.event)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.swing.event)             The root class from which all event state objects shall be derived. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.plaf.basic)            A tagging interface that all event listener interfaces must extend. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.swing.plaf.basic)            This class implements a hashtable, which maps keys to values. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.plaf.basic)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.plaf.metal)            A tagging interface that all event listener interfaces must extend. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | |
| --- | --- |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.plaf.multi)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) | |
| --- | --- |
| [**Comparator**](http://docs.google.com/java/util/class-use/Comparator.html#javax.swing.table)            A comparison function, which imposes a *total ordering* on some collection of objects. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.swing.table)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.table)            A tagging interface that all event listener interfaces must extend. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.swing.table)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.table)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
| --- | --- |
| [**Dictionary**](http://docs.google.com/java/util/class-use/Dictionary.html#javax.swing.text)            The Dictionary class is the abstract parent of any class, such as Hashtable, which maps keys to values. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.swing.text)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.text)            A tagging interface that all event listener interfaces must extend. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.text)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.swing.text.html)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.text.html)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.swing.text.html)             The root class from which all event state objects shall be derived. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.text.html)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.text.html.parser](http://docs.google.com/javax/swing/text/html/parser/package-summary.html) | |
| --- | --- |
| [**BitSet**](http://docs.google.com/java/util/class-use/BitSet.html#javax.swing.text.html.parser)            This class implements a vector of bits that grows as needed. |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.swing.text.html.parser)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.swing.text.html.parser)            This class implements a hashtable, which maps keys to values. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.text.html.parser)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#javax.swing.tree)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.tree)            A tagging interface that all event listener interfaces must extend. |
| [**EventObject**](http://docs.google.com/java/util/class-use/EventObject.html#javax.swing.tree)             The root class from which all event state objects shall be derived. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.tree)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.swing.undo](http://docs.google.com/javax/swing/undo/package-summary.html) | |
| --- | --- |
| [**EventListener**](http://docs.google.com/java/util/class-use/EventListener.html#javax.swing.undo)            A tagging interface that all event listener interfaces must extend. |
| [**Hashtable**](http://docs.google.com/java/util/class-use/Hashtable.html#javax.swing.undo)            This class implements a hashtable, which maps keys to values. |
| [**Vector**](http://docs.google.com/java/util/class-use/Vector.html#javax.swing.undo)            The Vector class implements a growable array of objects. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.tools)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.tools)            An ordered collection (also known as a *sequence*). |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.tools)            A Locale object represents a specific geographical, political, or cultural region. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.tools)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |
| [**Calendar**](http://docs.google.com/java/util/class-use/Calendar.html#javax.xml.bind)            The Calendar class is an abstract class that provides methods for converting between a specific instant in time and a set of [calendar fields](http://docs.google.com/java/util/Calendar.html#fields) such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week. |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.xml.bind)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.crypto)            An iterator over a collection. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.crypto.dom](http://docs.google.com/javax/xml/crypto/dom/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.crypto.dom)            An iterator over a collection. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.xml.crypto.dsig)            An ordered collection (also known as a *sequence*). |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.xml.crypto.dsig.keyinfo)            An ordered collection (also known as a *sequence*). |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.crypto.dsig.spec](http://docs.google.com/javax/xml/crypto/dsig/spec/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.xml.crypto.dsig.spec)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.xml.crypto.dsig.spec)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.datatype](http://docs.google.com/javax/xml/datatype/package-summary.html) | |
| --- | --- |
| [**Calendar**](http://docs.google.com/java/util/class-use/Calendar.html#javax.xml.datatype)            The Calendar class is an abstract class that provides methods for converting between a specific instant in time and a set of [calendar fields](http://docs.google.com/java/util/Calendar.html#fields) such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week. |
| [**Date**](http://docs.google.com/java/util/class-use/Date.html#javax.xml.datatype)            The class Date represents a specific instant in time, with millisecond precision. |
| [**GregorianCalendar**](http://docs.google.com/java/util/class-use/GregorianCalendar.html#javax.xml.datatype)            GregorianCalendar is a concrete subclass of Calendar and provides the standard calendar system used by most of the world. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.xml.datatype)            A Locale object represents a specific geographical, political, or cultural region. |
| [**TimeZone**](http://docs.google.com/java/util/class-use/TimeZone.html#javax.xml.datatype)            TimeZone represents a time zone offset, and also figures out daylight savings. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.namespace](http://docs.google.com/javax/xml/namespace/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.namespace)            An iterator over a collection. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.soap)            An iterator over a collection. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#javax.xml.soap)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.stream)            An iterator over a collection. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.stream.events](http://docs.google.com/javax/xml/stream/events/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.stream.events)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.xml.stream.events)            An ordered collection (also known as a *sequence*). |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.stream.util](http://docs.google.com/javax/xml/stream/util/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.stream.util)            An iterator over a collection. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html) | |
| --- | --- |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#javax.xml.transform)            The Properties class represents a persistent set of properties. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.ws)            An iterator over a collection. |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.xml.ws)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.xml.ws)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.ws.handler](http://docs.google.com/javax/xml/ws/handler/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.xml.ws.handler)            An ordered collection (also known as a *sequence*). |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.xml.ws.handler)            An object that maps keys to values. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.ws.handler.soap](http://docs.google.com/javax/xml/ws/handler/soap/package-summary.html) | |
| --- | --- |
| [**Map**](http://docs.google.com/java/util/class-use/Map.html#javax.xml.ws.handler.soap)            An object that maps keys to values. |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.xml.ws.handler.soap)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.ws.soap](http://docs.google.com/javax/xml/ws/soap/package-summary.html) | |
| --- | --- |
| [**Set**](http://docs.google.com/java/util/class-use/Set.html#javax.xml.ws.soap)            A collection that contains no duplicate elements. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.ws.spi](http://docs.google.com/javax/xml/ws/spi/package-summary.html) | |
| --- | --- |
| [**Iterator**](http://docs.google.com/java/util/class-use/Iterator.html#javax.xml.ws.spi)            An iterator over a collection. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [javax.xml.xpath](http://docs.google.com/javax/xml/xpath/package-summary.html) | |
| --- | --- |
| [**List**](http://docs.google.com/java/util/class-use/List.html#javax.xml.xpath)            An ordered collection (also known as a *sequence*). |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) | |
| --- | --- |
| [**Properties**](http://docs.google.com/java/util/class-use/Properties.html#org.omg.CORBA)            The Properties class represents a persistent set of properties. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [org.xml.sax](http://docs.google.com/org/xml/sax/package-summary.html) | |
| --- | --- |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#org.xml.sax)            A Locale object represents a specific geographical, political, or cultural region. |

| Classes in [java.util](http://docs.google.com/java/util/package-summary.html) used by [org.xml.sax.helpers](http://docs.google.com/org/xml/sax/helpers/package-summary.html) | |
| --- | --- |
| [**Enumeration**](http://docs.google.com/java/util/class-use/Enumeration.html#org.xml.sax.helpers)            An object that implements the Enumeration interface generates a series of elements, one at a time. |
| [**Locale**](http://docs.google.com/java/util/class-use/Locale.html#org.xml.sax.helpers)            A Locale object represents a specific geographical, political, or cultural region. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.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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