| | [**Overview**](http://docs.google.com/overview-summary.html) | Package | Class | Use | [**Tree**](http://docs.google.com/overview-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | **Index** | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV LETTER**](http://docs.google.com/index-9.html)   [**NEXT LETTER**](http://docs.google.com/index-11.html) | [**FRAMES**](http://docs.google.com/index.html?index-filesindex-10.html)    [**NO FRAMES**](http://docs.google.com/index-10.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[A](http://docs.google.com/index-1.html) [B](http://docs.google.com/index-2.html) [C](http://docs.google.com/index-3.html) [D](http://docs.google.com/index-4.html) [E](http://docs.google.com/index-5.html) [F](http://docs.google.com/index-6.html) [G](http://docs.google.com/index-7.html) [H](http://docs.google.com/index-8.html) [I](http://docs.google.com/index-9.html) [J](http://docs.google.com/index-10.html) [K](http://docs.google.com/index-11.html) [L](http://docs.google.com/index-12.html) [M](http://docs.google.com/index-13.html) [N](http://docs.google.com/index-14.html) [O](http://docs.google.com/index-15.html) [P](http://docs.google.com/index-16.html) [Q](http://docs.google.com/index-17.html) [R](http://docs.google.com/index-18.html) [S](http://docs.google.com/index-19.html) [T](http://docs.google.com/index-20.html) [U](http://docs.google.com/index-21.html) [V](http://docs.google.com/index-22.html) [W](http://docs.google.com/index-23.html) [X](http://docs.google.com/index-24.html) [Y](http://docs.google.com/index-25.html) [Z](http://docs.google.com/index-26.html) [\_](http://docs.google.com/index-27.html)

## **J**

[**JANUARY**](http://docs.google.com/java/util/Calendar.html#JANUARY) - Static variable in class java.util.[Calendar](http://docs.google.com/java/util/Calendar.html) Value of the [Calendar.MONTH](http://docs.google.com/java/util/Calendar.html#MONTH) field indicating the first month of the year in the Gregorian and Julian calendars. [**JANUARY**](http://docs.google.com/javax/xml/datatype/DatatypeConstants.html#JANUARY) - Static variable in class javax.xml.datatype.[DatatypeConstants](http://docs.google.com/javax/xml/datatype/DatatypeConstants.html) Value for first month of year. [**JAPAN**](http://docs.google.com/java/util/Locale.html#JAPAN) - Static variable in class java.util.[Locale](http://docs.google.com/java/util/Locale.html) Useful constant for country. [**JAPANESE**](http://docs.google.com/java/util/Locale.html#JAPANESE) - Static variable in class java.util.[Locale](http://docs.google.com/java/util/Locale.html) Useful constant for language. [**JAPANESE\_DOUBLE\_POSTCARD**](http://docs.google.com/javax/print/attribute/standard/MediaSize.Other.html#JAPANESE_DOUBLE_POSTCARD) - Static variable in class javax.print.attribute.standard.[MediaSize.Other](http://docs.google.com/javax/print/attribute/standard/MediaSize.Other.html) Specifies the Japanese Double postcard size, 148 mm by 200 mm. [**JAPANESE\_DOUBLE\_POSTCARD**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JAPANESE_DOUBLE_POSTCARD) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) Japanese Double Postcard size. [**JAPANESE\_POSTCARD**](http://docs.google.com/javax/print/attribute/standard/MediaSize.Other.html#JAPANESE_POSTCARD) - Static variable in class javax.print.attribute.standard.[MediaSize.Other](http://docs.google.com/javax/print/attribute/standard/MediaSize.Other.html) Specifies the Japanese postcard size, 100 mm by 148 mm. [**JAPANESE\_POSTCARD**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JAPANESE_POSTCARD) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) Japanese Postcard size. [**JApplet**](http://docs.google.com/javax/swing/JApplet.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An extended version of java.applet.Applet that adds support for the JFC/Swing component architecture.[**JApplet()**](http://docs.google.com/javax/swing/JApplet.html#JApplet()) - Constructor for class javax.swing.[JApplet](http://docs.google.com/javax/swing/JApplet.html) Creates a swing applet instance. [**JApplet.AccessibleJApplet**](http://docs.google.com/javax/swing/JApplet.AccessibleJApplet.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JApplet class.[**JApplet.AccessibleJApplet()**](http://docs.google.com/javax/swing/JApplet.AccessibleJApplet.html#JApplet.AccessibleJApplet()) - Constructor for class javax.swing.[JApplet.AccessibleJApplet](http://docs.google.com/javax/swing/JApplet.AccessibleJApplet.html)   [**JarEntry**](http://docs.google.com/java/util/jar/JarEntry.html) - Class in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html)This class is used to represent a JAR file entry.[**JarEntry(String)**](http://docs.google.com/java/util/jar/JarEntry.html#JarEntry(java.lang.String)) - Constructor for class java.util.jar.[JarEntry](http://docs.google.com/java/util/jar/JarEntry.html) Creates a new JarEntry for the specified JAR file entry name. [**JarEntry(ZipEntry)**](http://docs.google.com/java/util/jar/JarEntry.html#JarEntry(java.util.zip.ZipEntry)) - Constructor for class java.util.jar.[JarEntry](http://docs.google.com/java/util/jar/JarEntry.html) Creates a new JarEntry with fields taken from the specified ZipEntry object. [**JarEntry(JarEntry)**](http://docs.google.com/java/util/jar/JarEntry.html#JarEntry(java.util.jar.JarEntry)) - Constructor for class java.util.jar.[JarEntry](http://docs.google.com/java/util/jar/JarEntry.html) Creates a new JarEntry with fields taken from the specified JarEntry object. [**JarException**](http://docs.google.com/java/util/jar/JarException.html) - Exception in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html)Signals that an error of some sort has occurred while reading from or writing to a JAR file.[**JarException()**](http://docs.google.com/java/util/jar/JarException.html#JarException()) - Constructor for exception java.util.jar.[JarException](http://docs.google.com/java/util/jar/JarException.html) Constructs a JarException with no detail message. [**JarException(String)**](http://docs.google.com/java/util/jar/JarException.html#JarException(java.lang.String)) - Constructor for exception java.util.jar.[JarException](http://docs.google.com/java/util/jar/JarException.html) Constructs a JarException with the specified detail message. [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html) - Class in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html)The JarFile class is used to read the contents of a jar file from any file that can be opened with java.io.RandomAccessFile.[**JarFile(String)**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.lang.String)) - Constructor for class java.util.jar.[JarFile](http://docs.google.com/java/util/jar/JarFile.html) Creates a new JarFile to read from the specified file name. [**JarFile(String, boolean)**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.lang.String,%20boolean)) - Constructor for class java.util.jar.[JarFile](http://docs.google.com/java/util/jar/JarFile.html) Creates a new JarFile to read from the specified file name. [**JarFile(File)**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File)) - Constructor for class java.util.jar.[JarFile](http://docs.google.com/java/util/jar/JarFile.html) Creates a new JarFile to read from the specified File object. [**JarFile(File, boolean)**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File,%20boolean)) - Constructor for class java.util.jar.[JarFile](http://docs.google.com/java/util/jar/JarFile.html) Creates a new JarFile to read from the specified File object. [**JarFile(File, boolean, int)**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File,%20boolean,%20int)) - Constructor for class java.util.jar.[JarFile](http://docs.google.com/java/util/jar/JarFile.html) Creates a new JarFile to read from the specified File object in the specified mode. [**jarFileURLConnection**](http://docs.google.com/java/net/JarURLConnection.html#jarFileURLConnection) - Variable in class java.net.[JarURLConnection](http://docs.google.com/java/net/JarURLConnection.html) The connection to the JAR file URL, if the connection has been initiated. [**JarInputStream**](http://docs.google.com/java/util/jar/JarInputStream.html) - Class in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html)The JarInputStream class is used to read the contents of a JAR file from any input stream.[**JarInputStream(InputStream)**](http://docs.google.com/java/util/jar/JarInputStream.html#JarInputStream(java.io.InputStream)) - Constructor for class java.util.jar.[JarInputStream](http://docs.google.com/java/util/jar/JarInputStream.html) Creates a new JarInputStream and reads the optional manifest. [**JarInputStream(InputStream, boolean)**](http://docs.google.com/java/util/jar/JarInputStream.html#JarInputStream(java.io.InputStream,%20boolean)) - Constructor for class java.util.jar.[JarInputStream](http://docs.google.com/java/util/jar/JarInputStream.html) Creates a new JarInputStream and reads the optional manifest. [**JarOutputStream**](http://docs.google.com/java/util/jar/JarOutputStream.html) - Class in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html)The JarOutputStream class is used to write the contents of a JAR file to any output stream.[**JarOutputStream(OutputStream, Manifest)**](http://docs.google.com/java/util/jar/JarOutputStream.html#JarOutputStream(java.io.OutputStream,%20java.util.jar.Manifest)) - Constructor for class java.util.jar.[JarOutputStream](http://docs.google.com/java/util/jar/JarOutputStream.html) Creates a new JarOutputStream with the specified Manifest. [**JarOutputStream(OutputStream)**](http://docs.google.com/java/util/jar/JarOutputStream.html#JarOutputStream(java.io.OutputStream)) - Constructor for class java.util.jar.[JarOutputStream](http://docs.google.com/java/util/jar/JarOutputStream.html) Creates a new JarOutputStream with no manifest. [**JarURLConnection**](http://docs.google.com/java/net/JarURLConnection.html) - Class in [java.net](http://docs.google.com/java/net/package-summary.html)A URL Connection to a Java ARchive (JAR) file or an entry in a JAR file.[**JarURLConnection(URL)**](http://docs.google.com/java/net/JarURLConnection.html#JarURLConnection(java.net.URL)) - Constructor for class java.net.[JarURLConnection](http://docs.google.com/java/net/JarURLConnection.html) Creates the new JarURLConnection to the specified URL. [**java.applet**](http://docs.google.com/java/applet/package-summary.html) - package java.appletProvides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context.[**java.awt**](http://docs.google.com/java/awt/package-summary.html) - package java.awtContains all of the classes for creating user interfaces and for painting graphics and images.[**java.awt.color**](http://docs.google.com/java/awt/color/package-summary.html) - package java.awt.colorProvides classes for color spaces.[**java.awt.datatransfer**](http://docs.google.com/java/awt/datatransfer/package-summary.html) - package java.awt.datatransferProvides interfaces and classes for transferring data between and within applications.[**java.awt.dnd**](http://docs.google.com/java/awt/dnd/package-summary.html) - package java.awt.dndDrag 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**](http://docs.google.com/java/awt/event/package-summary.html) - package java.awt.eventProvides interfaces and classes for dealing with different types of events fired by AWT components.[**java.awt.font**](http://docs.google.com/java/awt/font/package-summary.html) - package java.awt.fontProvides classes and interface relating to fonts.[**java.awt.geom**](http://docs.google.com/java/awt/geom/package-summary.html) - package java.awt.geomProvides the Java 2D classes for defining and performing operations on objects related to two-dimensional geometry.[**java.awt.im**](http://docs.google.com/java/awt/im/package-summary.html) - package java.awt.imProvides classes and interfaces for the input method framework.[**java.awt.im.spi**](http://docs.google.com/java/awt/im/spi/package-summary.html) - package java.awt.im.spiProvides interfaces that enable the development of input methods that can be used with any Java runtime environment.[**java.awt.image**](http://docs.google.com/java/awt/image/package-summary.html) - package java.awt.imageProvides classes for creating and modifying images.[**java.awt.image.renderable**](http://docs.google.com/java/awt/image/renderable/package-summary.html) - package java.awt.image.renderableProvides classes and interfaces for producing rendering-independent images.[**java.awt.print**](http://docs.google.com/java/awt/print/package-summary.html) - package java.awt.printProvides classes and interfaces for a general printing API.[**java.beans**](http://docs.google.com/java/beans/package-summary.html) - package java.beansContains classes related to developing *beans* -- components based on the JavaBeansTM architecture.[**java.beans.beancontext**](http://docs.google.com/java/beans/beancontext/package-summary.html) - package java.beans.beancontextProvides classes and interfaces relating to bean context.[**java.io**](http://docs.google.com/java/io/package-summary.html) - package java.ioProvides for system input and output through data streams, serialization and the file system.[**java.lang**](http://docs.google.com/java/lang/package-summary.html) - package java.langProvides classes that are fundamental to the design of the Java programming language.[**java.lang.annotation**](http://docs.google.com/java/lang/annotation/package-summary.html) - package java.lang.annotationProvides library support for the Java programming language annotation facility.[**java.lang.instrument**](http://docs.google.com/java/lang/instrument/package-summary.html) - package java.lang.instrumentProvides services that allow Java programming language agents to instrument programs running on the JVM.[**java.lang.management**](http://docs.google.com/java/lang/management/package-summary.html) - package java.lang.managementProvides 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.lang.ref**](http://docs.google.com/java/lang/ref/package-summary.html) - package java.lang.refProvides reference-object classes, which support a limited degree of interaction with the garbage collector.[**java.lang.reflect**](http://docs.google.com/java/lang/reflect/package-summary.html) - package java.lang.reflectProvides classes and interfaces for obtaining reflective information about classes and objects.[**java.math**](http://docs.google.com/java/math/package-summary.html) - package java.mathProvides classes for performing arbitrary-precision integer arithmetic (BigInteger) and arbitrary-precision decimal arithmetic (BigDecimal).[**java.net**](http://docs.google.com/java/net/package-summary.html) - package java.netProvides the classes for implementing networking applications.[**java.nio**](http://docs.google.com/java/nio/package-summary.html) - package java.nioDefines buffers, which are containers for data, and provides an overview of the other NIO packages.[**java.nio.channels**](http://docs.google.com/java/nio/channels/package-summary.html) - package java.nio.channelsDefines 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**](http://docs.google.com/java/nio/channels/spi/package-summary.html) - package java.nio.channels.spiService-provider classes for the [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html) package.[**java.nio.charset**](http://docs.google.com/java/nio/charset/package-summary.html) - package java.nio.charsetDefines charsets, decoders, and encoders, for translating between bytes and Unicode characters.[**java.nio.charset.spi**](http://docs.google.com/java/nio/charset/spi/package-summary.html) - package java.nio.charset.spiService-provider classes for the [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) package.[**java.rmi**](http://docs.google.com/java/rmi/package-summary.html) - package java.rmiProvides the RMI package.[**java.rmi.activation**](http://docs.google.com/java/rmi/activation/package-summary.html) - package java.rmi.activationProvides support for RMI Object Activation.[**java.rmi.dgc**](http://docs.google.com/java/rmi/dgc/package-summary.html) - package java.rmi.dgcProvides classes and interface for RMI distributed garbage-collection (DGC).[**java.rmi.registry**](http://docs.google.com/java/rmi/registry/package-summary.html) - package java.rmi.registryProvides a class and two interfaces for the RMI registry.[**java.rmi.server**](http://docs.google.com/java/rmi/server/package-summary.html) - package java.rmi.serverProvides classes and interfaces for supporting the server side of RMI.[**java.security**](http://docs.google.com/java/security/package-summary.html) - package java.securityProvides the classes and interfaces for the security framework.[**java.security.acl**](http://docs.google.com/java/security/acl/package-summary.html) - package java.security.aclThe classes and interfaces in this package have been superseded by classes in the java.security package.[**java.security.cert**](http://docs.google.com/java/security/cert/package-summary.html) - package java.security.certProvides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths.[**java.security.interfaces**](http://docs.google.com/java/security/interfaces/package-summary.html) - package java.security.interfacesProvides interfaces for generating RSA (Rivest, Shamir and Adleman AsymmetricCipher algorithm) keys as defined in the RSA Laboratory Technical Note PKCS#1, and DSA (Digital Signature Algorithm) keys as defined in NIST's FIPS-186.[**java.security.spec**](http://docs.google.com/java/security/spec/package-summary.html) - package java.security.specProvides classes and interfaces for key specifications and algorithm parameter specifications.[**java.sql**](http://docs.google.com/java/sql/package-summary.html) - package java.sqlProvides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language.[**java.text**](http://docs.google.com/java/text/package-summary.html) - package java.textProvides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages.[**java.text.spi**](http://docs.google.com/java/text/spi/package-summary.html) - package java.text.spiService provider classes for the classes in the java.text package.[**java.util**](http://docs.google.com/java/util/package-summary.html) - package java.utilContains 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**](http://docs.google.com/java/util/concurrent/package-summary.html) - package java.util.concurrent Utility classes commonly useful in concurrent programming.[**java.util.concurrent.atomic**](http://docs.google.com/java/util/concurrent/atomic/package-summary.html) - package java.util.concurrent.atomicA small toolkit of classes that support lock-free thread-safe programming on single variables.[**java.util.concurrent.locks**](http://docs.google.com/java/util/concurrent/locks/package-summary.html) - package java.util.concurrent.locksInterfaces and classes providing a framework for locking and waiting for conditions that is distinct from built-in synchronization and monitors.[**java.util.jar**](http://docs.google.com/java/util/jar/package-summary.html) - package java.util.jarProvides 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**](http://docs.google.com/java/util/logging/package-summary.html) - package java.util.logging Provides the classes and interfaces of the JavaTM 2 platform's core logging facilities.[**java.util.prefs**](http://docs.google.com/java/util/prefs/package-summary.html) - package java.util.prefsThis package allows applications to store and retrieve user and system preference and configuration data.[**java.util.regex**](http://docs.google.com/java/util/regex/package-summary.html) - package java.util.regexClasses for matching character sequences against patterns specified by regular expressions.[**java.util.spi**](http://docs.google.com/java/util/spi/package-summary.html) - package java.util.spiService provider classes for the classes in the java.util package.[**java.util.zip**](http://docs.google.com/java/util/zip/package-summary.html) - package java.util.zipProvides classes for reading and writing the standard ZIP and GZIP file formats.[**JAVA\_OBJECT**](http://docs.google.com/java/sql/Types.html#JAVA_OBJECT) - Static variable in class java.sql.[Types](http://docs.google.com/java/sql/Types.html) The constant in the Java programming language, sometimes referred to as a type code, that identifies the generic SQL type JAVA\_OBJECT. [**JavaCompiler**](http://docs.google.com/javax/tools/JavaCompiler.html) - Interface in [javax.tools](http://docs.google.com/javax/tools/package-summary.html)Interface to invoke Java™ programming language compilers from programs.[**JavaCompiler.CompilationTask**](http://docs.google.com/javax/tools/JavaCompiler.CompilationTask.html) - Interface in [javax.tools](http://docs.google.com/javax/tools/package-summary.html)Interface representing a future for a compilation task.[**javaFileListFlavor**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#javaFileListFlavor) - Static variable in class java.awt.datatransfer.[DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) To transfer a list of files to/from Java (and the underlying platform) a DataFlavor of this type/subtype and representation class of java.util.List is used. [**JavaFileManager**](http://docs.google.com/javax/tools/JavaFileManager.html) - Interface in [javax.tools](http://docs.google.com/javax/tools/package-summary.html)File manager for tools operating on Java™ programming language source and class files.[**JavaFileManager.Location**](http://docs.google.com/javax/tools/JavaFileManager.Location.html) - Interface in [javax.tools](http://docs.google.com/javax/tools/package-summary.html)Interface for locations of file objects.[**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html) - Interface in [javax.tools](http://docs.google.com/javax/tools/package-summary.html)File abstraction for tools operating on Java™ programming language source and class files.[**JavaFileObject.Kind**](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) - Enum in [javax.tools](http://docs.google.com/javax/tools/package-summary.html)Kinds of JavaFileObjects.[**javaJVMLocalObjectMimeType**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#javaJVMLocalObjectMimeType) - Static variable in class java.awt.datatransfer.[DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) To transfer a reference to an arbitrary Java object reference that has no associated MIME Content-type, across a Transferable interface WITHIN THE SAME JVM, a DataFlavor with this type/subtype is used, with a representationClass equal to the type of the class/interface being passed across the Transferable. [**javaRemoteObjectMimeType**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#javaRemoteObjectMimeType) - Static variable in class java.awt.datatransfer.[DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) In order to pass a live link to a Remote object via a Drag and Drop ACTION\_LINK operation a Mime Content Type of application/x-java-remote-object should be used, where the representation class of the DataFlavor represents the type of the Remote interface to be transferred. [**javaSerializedObjectMimeType**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#javaSerializedObjectMimeType) - Static variable in class java.awt.datatransfer.[DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) A MIME Content-Type of application/x-java-serialized-object represents a graph of Java object(s) that have been made persistent. [**javax.accessibility**](http://docs.google.com/javax/accessibility/package-summary.html) - package javax.accessibilityDefines a contract between user-interface components and an assistive technology that provides access to those components.[**javax.activation**](http://docs.google.com/javax/activation/package-summary.html) - package javax.activation [**javax.activity**](http://docs.google.com/javax/activity/package-summary.html) - package javax.activityContains Activity service related exceptions thrown by the ORB machinery during unmarshalling.[**javax.annotation**](http://docs.google.com/javax/annotation/package-summary.html) - package javax.annotation [**javax.annotation.processing**](http://docs.google.com/javax/annotation/processing/package-summary.html) - package javax.annotation.processingFacilities for declaring annotation processors and for allowing annotation processors to communicate with an annotation processing tool environment.[**javax.crypto**](http://docs.google.com/javax/crypto/package-summary.html) - package javax.cryptoProvides the classes and interfaces for cryptographic operations.[**javax.crypto.interfaces**](http://docs.google.com/javax/crypto/interfaces/package-summary.html) - package javax.crypto.interfacesProvides interfaces for Diffie-Hellman keys as defined in RSA Laboratories' PKCS #3.[**javax.crypto.spec**](http://docs.google.com/javax/crypto/spec/package-summary.html) - package javax.crypto.specProvides classes and interfaces for key specifications and algorithm parameter specifications.[**javax.imageio**](http://docs.google.com/javax/imageio/package-summary.html) - package javax.imageioThe main package of the Java Image I/O API.[**javax.imageio.event**](http://docs.google.com/javax/imageio/event/package-summary.html) - package javax.imageio.eventA package of the Java Image I/O API dealing with synchronous notification of events during the reading and writing of images.[**javax.imageio.metadata**](http://docs.google.com/javax/imageio/metadata/package-summary.html) - package javax.imageio.metadataA package of the Java Image I/O API dealing with reading and writing metadata.[**javax.imageio.plugins.bmp**](http://docs.google.com/javax/imageio/plugins/bmp/package-summary.html) - package javax.imageio.plugins.bmpPackage containing the public classes used by the built-in BMP plug-in.[**javax.imageio.plugins.jpeg**](http://docs.google.com/javax/imageio/plugins/jpeg/package-summary.html) - package javax.imageio.plugins.jpegClasses supporting the built-in JPEG plug-in.[**javax.imageio.spi**](http://docs.google.com/javax/imageio/spi/package-summary.html) - package javax.imageio.spiA package of the Java Image I/O API containing the plug-in interfaces for readers, writers, transcoders, and streams, and a runtime registry.[**javax.imageio.stream**](http://docs.google.com/javax/imageio/stream/package-summary.html) - package javax.imageio.streamA package of the Java Image I/O API dealing with low-level I/O from files and streams.[**javax.jws**](http://docs.google.com/javax/jws/package-summary.html) - package javax.jws [**javax.jws.soap**](http://docs.google.com/javax/jws/soap/package-summary.html) - package javax.jws.soap [**javax.lang.model**](http://docs.google.com/javax/lang/model/package-summary.html) - package javax.lang.modelClasses and hierarchies of packages used to model the Java programming language.[**javax.lang.model.element**](http://docs.google.com/javax/lang/model/element/package-summary.html) - package javax.lang.model.elementInterfaces used to model elements of the Java programming language.[**javax.lang.model.type**](http://docs.google.com/javax/lang/model/type/package-summary.html) - package javax.lang.model.typeInterfaces used to model Java programming language types.[**javax.lang.model.util**](http://docs.google.com/javax/lang/model/util/package-summary.html) - package javax.lang.model.utilUtilities 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**](http://docs.google.com/javax/management/package-summary.html) - package javax.managementProvides the core classes for the Java Management Extensions.[**javax.management.loading**](http://docs.google.com/javax/management/loading/package-summary.html) - package javax.management.loadingProvides the classes which implement advanced dynamic loading.[**javax.management.modelmbean**](http://docs.google.com/javax/management/modelmbean/package-summary.html) - package javax.management.modelmbeanProvides the definition of the ModelMBean classes.[**javax.management.monitor**](http://docs.google.com/javax/management/monitor/package-summary.html) - package javax.management.monitorProvides the definition of the monitor classes.[**javax.management.openmbean**](http://docs.google.com/javax/management/openmbean/package-summary.html) - package javax.management.openmbeanProvides the open data types and Open MBean descriptor classes.[**javax.management.relation**](http://docs.google.com/javax/management/relation/package-summary.html) - package javax.management.relationProvides the definition of the Relation Service.[**javax.management.remote**](http://docs.google.com/javax/management/remote/package-summary.html) - package javax.management.remoteInterfaces for remote access to JMX MBean servers.[**javax.management.remote.rmi**](http://docs.google.com/javax/management/remote/rmi/package-summary.html) - package javax.management.remote.rmiThe 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**](http://docs.google.com/javax/management/timer/package-summary.html) - package javax.management.timerProvides the definition of the Timer MBean.[**javax.naming**](http://docs.google.com/javax/naming/package-summary.html) - package javax.namingProvides the classes and interfaces for accessing naming services.[**javax.naming.directory**](http://docs.google.com/javax/naming/directory/package-summary.html) - package javax.naming.directoryExtends the javax.naming package to provide functionality for accessing directory services.[**javax.naming.event**](http://docs.google.com/javax/naming/event/package-summary.html) - package javax.naming.eventProvides support for event notification when accessing naming and directory services.[**javax.naming.ldap**](http://docs.google.com/javax/naming/ldap/package-summary.html) - package javax.naming.ldapProvides support for LDAPv3 extended operations and controls.[**javax.naming.spi**](http://docs.google.com/javax/naming/spi/package-summary.html) - package javax.naming.spiProvides the means for dynamically plugging in support for accessing naming and directory services through the javax.naming and related packages.[**javax.net**](http://docs.google.com/javax/net/package-summary.html) - package javax.netProvides classes for networking applications.[**javax.net.ssl**](http://docs.google.com/javax/net/ssl/package-summary.html) - package javax.net.sslProvides classes for the secure socket package.[**javax.print**](http://docs.google.com/javax/print/package-summary.html) - package javax.printProvides the principal classes and interfaces for the JavaTM Print Service API.[**javax.print.attribute**](http://docs.google.com/javax/print/attribute/package-summary.html) - package javax.print.attributeProvides 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**](http://docs.google.com/javax/print/attribute/standard/package-summary.html) - package javax.print.attribute.standardPackage javax.print.attribute.standard contains classes for specific printing attributes.[**javax.print.event**](http://docs.google.com/javax/print/event/package-summary.html) - package javax.print.eventPackage javax.print.event contains event classes and listener interfaces.[**javax.rmi**](http://docs.google.com/javax/rmi/package-summary.html) - package javax.rmiContains user APIs for RMI-IIOP.[**javax.rmi.CORBA**](http://docs.google.com/javax/rmi/CORBA/package-summary.html) - package javax.rmi.CORBAContains portability APIs for RMI-IIOP.[**javax.rmi.ssl**](http://docs.google.com/javax/rmi/ssl/package-summary.html) - package javax.rmi.sslProvides implementations of [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) and [RMIServerSocketFactory](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) over the Secure Sockets Layer (SSL) or Transport Layer Security (TLS) protocols.[**javax.script**](http://docs.google.com/javax/script/package-summary.html) - package javax.scriptThe 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**](http://docs.google.com/javax/security/auth/package-summary.html) - package javax.security.authThis package provides a framework for authentication and authorization.[**javax.security.auth.callback**](http://docs.google.com/javax/security/auth/callback/package-summary.html) - package javax.security.auth.callbackThis 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**](http://docs.google.com/javax/security/auth/kerberos/package-summary.html) - package javax.security.auth.kerberosThis package contains utility classes related to the Kerberos network authentication protocol.[**javax.security.auth.login**](http://docs.google.com/javax/security/auth/login/package-summary.html) - package javax.security.auth.loginThis package provides a pluggable authentication framework.[**javax.security.auth.spi**](http://docs.google.com/javax/security/auth/spi/package-summary.html) - package javax.security.auth.spiThis package provides the interface to be used for implementing pluggable authentication modules.[**javax.security.auth.x500**](http://docs.google.com/javax/security/auth/x500/package-summary.html) - package javax.security.auth.x500This package contains the classes that should be used to store X500 Principal and X500 Private Crendentials in a *Subject*.[**javax.security.cert**](http://docs.google.com/javax/security/cert/package-summary.html) - package javax.security.certProvides classes for public key certificates.[**javax.security.sasl**](http://docs.google.com/javax/security/sasl/package-summary.html) - package javax.security.saslContains class and interfaces for supporting SASL.[**javax.sound.midi**](http://docs.google.com/javax/sound/midi/package-summary.html) - package javax.sound.midiProvides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data.[**javax.sound.midi.spi**](http://docs.google.com/javax/sound/midi/spi/package-summary.html) - package javax.sound.midi.spiSupplies interfaces for service providers to implement when offering new MIDI devices, MIDI file readers and writers, or sound bank readers.[**javax.sound.sampled**](http://docs.google.com/javax/sound/sampled/package-summary.html) - package javax.sound.sampledProvides interfaces and classes for capture, processing, and playback of sampled audio data.[**javax.sound.sampled.spi**](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) - package javax.sound.sampled.spiSupplies abstract classes for service providers to subclass when offering new audio devices, sound file readers and writers, or audio format converters.[**javax.sql**](http://docs.google.com/javax/sql/package-summary.html) - package javax.sqlProvides the API for server side data source access and processing from the JavaTM programming language.[**javax.sql.rowset**](http://docs.google.com/javax/sql/rowset/package-summary.html) - package javax.sql.rowsetStandard interfaces and base classes for JDBC RowSet implementations.[**javax.sql.rowset.serial**](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) - package javax.sql.rowset.serialProvides utility classes to allow serializable mappings between SQL types and data types in the Java programming language.[**javax.sql.rowset.spi**](http://docs.google.com/javax/sql/rowset/spi/package-summary.html) - package javax.sql.rowset.spiThe standard classes and interfaces that a third party vendor has to use in its implementation of a synchronization provider.[**javax.swing**](http://docs.google.com/javax/swing/package-summary.html) - package javax.swingProvides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms.[**javax.swing.border**](http://docs.google.com/javax/swing/border/package-summary.html) - package javax.swing.borderProvides classes and interface for drawing specialized borders around a Swing component.[**javax.swing.colorchooser**](http://docs.google.com/javax/swing/colorchooser/package-summary.html) - package javax.swing.colorchooserContains classes and interfaces used by the JColorChooser component.[**javax.swing.event**](http://docs.google.com/javax/swing/event/package-summary.html) - package javax.swing.eventProvides for events fired by Swing components.[**javax.swing.filechooser**](http://docs.google.com/javax/swing/filechooser/package-summary.html) - package javax.swing.filechooserContains classes and interfaces used by the JFileChooser component.[**javax.swing.plaf**](http://docs.google.com/javax/swing/plaf/package-summary.html) - package javax.swing.plafProvides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities.[**javax.swing.plaf.basic**](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) - package javax.swing.plaf.basicProvides user interface objects built according to the Basic look and feel.[**javax.swing.plaf.metal**](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) - package javax.swing.plaf.metalProvides 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**](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) - package javax.swing.plaf.multiProvides user interface objects that combine two or more look and feels.[**javax.swing.plaf.synth**](http://docs.google.com/javax/swing/plaf/synth/package-summary.html) - package javax.swing.plaf.synth Synth is a skinnable look and feel in which all painting is delegated.[**javax.swing.table**](http://docs.google.com/javax/swing/table/package-summary.html) - package javax.swing.tableProvides classes and interfaces for dealing with javax.swing.JTable.[**javax.swing.text**](http://docs.google.com/javax/swing/text/package-summary.html) - package javax.swing.textProvides classes and interfaces that deal with editable and noneditable text components.[**javax.swing.text.html**](http://docs.google.com/javax/swing/text/html/package-summary.html) - package javax.swing.text.htmlProvides the class HTMLEditorKit and supporting classes for creating HTML text editors.[**javax.swing.text.html.parser**](http://docs.google.com/javax/swing/text/html/parser/package-summary.html) - package javax.swing.text.html.parserProvides the default HTML parser, along with support classes.[**javax.swing.text.rtf**](http://docs.google.com/javax/swing/text/rtf/package-summary.html) - package javax.swing.text.rtfProvides a class (RTFEditorKit) for creating Rich-Text-Format text editors.[**javax.swing.tree**](http://docs.google.com/javax/swing/tree/package-summary.html) - package javax.swing.treeProvides classes and interfaces for dealing with javax.swing.JTree.[**javax.swing.undo**](http://docs.google.com/javax/swing/undo/package-summary.html) - package javax.swing.undoAllows developers to provide support for undo/redo in applications such as text editors.[**javax.tools**](http://docs.google.com/javax/tools/package-summary.html) - package javax.toolsProvides interfaces for tools which can be invoked from a program, for example, compilers.[**javax.transaction**](http://docs.google.com/javax/transaction/package-summary.html) - package javax.transactionContains three exceptions thrown by the ORB machinery during unmarshalling.[**javax.transaction.xa**](http://docs.google.com/javax/transaction/xa/package-summary.html) - package javax.transaction.xaProvides the API that defines the contract between the transaction manager and the resource manager, which allows the transaction manager to enlist and delist resource objects (supplied by the resource manager driver) in JTA transactions.[**javax.xml**](http://docs.google.com/javax/xml/package-summary.html) - package javax.xmlDefines core XML constants and functionality from the XML specifications.[**javax.xml.bind**](http://docs.google.com/javax/xml/bind/package-summary.html) - package javax.xml.bind Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities.[**javax.xml.bind.annotation**](http://docs.google.com/javax/xml/bind/annotation/package-summary.html) - package javax.xml.bind.annotation Defines annotations for customizing Java program elements to XML Schema mapping.[**javax.xml.bind.annotation.adapters**](http://docs.google.com/javax/xml/bind/annotation/adapters/package-summary.html) - package javax.xml.bind.annotation.adapters [XmlAdapter](http://docs.google.com/javax/xml/bind/annotation/adapters/XmlAdapter.html) and its spec-defined sub-classes to allow arbitrary Java classes to be used with JAXB.[**javax.xml.bind.attachment**](http://docs.google.com/javax/xml/bind/attachment/package-summary.html) - package javax.xml.bind.attachment This package is implemented by a MIME-based package processor that enables the interpretation and creation of optimized binary data within an MIME-based package format.[**javax.xml.bind.helpers**](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) - package javax.xml.bind.helpers **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces.[**javax.xml.bind.util**](http://docs.google.com/javax/xml/bind/util/package-summary.html) - package javax.xml.bind.util Useful client utility classes.[**javax.xml.crypto**](http://docs.google.com/javax/xml/crypto/package-summary.html) - package javax.xml.cryptoCommon classes for XML cryptography.[**javax.xml.crypto.dom**](http://docs.google.com/javax/xml/crypto/dom/package-summary.html) - package javax.xml.crypto.domDOM-specific classes for the [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) package.[**javax.xml.crypto.dsig**](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) - package javax.xml.crypto.dsigClasses for generating and validating XML digital signatures.[**javax.xml.crypto.dsig.dom**](http://docs.google.com/javax/xml/crypto/dsig/dom/package-summary.html) - package javax.xml.crypto.dsig.domDOM-specific classes for the [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) package.[**javax.xml.crypto.dsig.keyinfo**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) - package javax.xml.crypto.dsig.keyinfoClasses for parsing and processing [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) elements and structures.[**javax.xml.crypto.dsig.spec**](http://docs.google.com/javax/xml/crypto/dsig/spec/package-summary.html) - package javax.xml.crypto.dsig.specParameter classes for XML digital signatures.[**javax.xml.datatype**](http://docs.google.com/javax/xml/datatype/package-summary.html) - package javax.xml.datatypeXML/Java Type Mappings.[**javax.xml.namespace**](http://docs.google.com/javax/xml/namespace/package-summary.html) - package javax.xml.namespaceXML Namespace processing.[**javax.xml.parsers**](http://docs.google.com/javax/xml/parsers/package-summary.html) - package javax.xml.parsers Provides classes allowing the processing of XML documents.[**javax.xml.soap**](http://docs.google.com/javax/xml/soap/package-summary.html) - package javax.xml.soapProvides the API for creating and building SOAP messages.[**javax.xml.stream**](http://docs.google.com/javax/xml/stream/package-summary.html) - package javax.xml.stream [**javax.xml.stream.events**](http://docs.google.com/javax/xml/stream/events/package-summary.html) - package javax.xml.stream.events [**javax.xml.stream.util**](http://docs.google.com/javax/xml/stream/util/package-summary.html) - package javax.xml.stream.util [**javax.xml.transform**](http://docs.google.com/javax/xml/transform/package-summary.html) - package javax.xml.transformThis package defines the generic APIs for processing transformation instructions, and performing a transformation from source to result.[**javax.xml.transform.dom**](http://docs.google.com/javax/xml/transform/dom/package-summary.html) - package javax.xml.transform.domThis package implements DOM-specific transformation APIs.[**javax.xml.transform.sax**](http://docs.google.com/javax/xml/transform/sax/package-summary.html) - package javax.xml.transform.saxThis package implements SAX2-specific transformation APIs.[**javax.xml.transform.stax**](http://docs.google.com/javax/xml/transform/stax/package-summary.html) - package javax.xml.transform.stax Provides for StAX-specific transformation APIs.[**javax.xml.transform.stream**](http://docs.google.com/javax/xml/transform/stream/package-summary.html) - package javax.xml.transform.streamThis package implements stream- and URI- specific transformation APIs.[**javax.xml.validation**](http://docs.google.com/javax/xml/validation/package-summary.html) - package javax.xml.validation This package provides an API for validation of XML documents.[**javax.xml.ws**](http://docs.google.com/javax/xml/ws/package-summary.html) - package javax.xml.wsThis package contains the core JAX-WS APIs.[**javax.xml.ws.handler**](http://docs.google.com/javax/xml/ws/handler/package-summary.html) - package javax.xml.ws.handlerThis package defines APIs for message handlers.[**javax.xml.ws.handler.soap**](http://docs.google.com/javax/xml/ws/handler/soap/package-summary.html) - package javax.xml.ws.handler.soapThis package defines APIs for SOAP message handlers.[**javax.xml.ws.http**](http://docs.google.com/javax/xml/ws/http/package-summary.html) - package javax.xml.ws.httpThis package defines APIs specific to the HTTP binding.[**javax.xml.ws.soap**](http://docs.google.com/javax/xml/ws/soap/package-summary.html) - package javax.xml.ws.soapThis package defines APIs specific to the SOAP binding.[**javax.xml.ws.spi**](http://docs.google.com/javax/xml/ws/spi/package-summary.html) - package javax.xml.ws.spiThis package defines SPIs for JAX-WS 2.0.[**javax.xml.xpath**](http://docs.google.com/javax/xml/xpath/package-summary.html) - package javax.xml.xpathThis package provides an *object-model neutral* API for the evaluation of XPath expressions and access to the evaluation environment.[**JAXB\_CONTEXT\_FACTORY**](http://docs.google.com/javax/xml/bind/JAXBContext.html#JAXB_CONTEXT_FACTORY) - Static variable in class javax.xml.bind.[JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) The name of the property that contains the name of the class capable of creating new JAXBContext objects. [**JAXB\_ENCODING**](http://docs.google.com/javax/xml/bind/Marshaller.html#JAXB_ENCODING) - Static variable in interface javax.xml.bind.[Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) The name of the property used to specify the output encoding in the marshalled XML data. [**JAXB\_FORMATTED\_OUTPUT**](http://docs.google.com/javax/xml/bind/Marshaller.html#JAXB_FORMATTED_OUTPUT) - Static variable in interface javax.xml.bind.[Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) The name of the property used to specify whether or not the marshalled XML data is formatted with linefeeds and indentation. [**JAXB\_FRAGMENT**](http://docs.google.com/javax/xml/bind/Marshaller.html#JAXB_FRAGMENT) - Static variable in interface javax.xml.bind.[Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) The name of the property used to specify whether or not the marshaller will generate document level events (ie calling startDocument or endDocument). [**JAXB\_NO\_NAMESPACE\_SCHEMA\_LOCATION**](http://docs.google.com/javax/xml/bind/Marshaller.html#JAXB_NO_NAMESPACE_SCHEMA_LOCATION) - Static variable in interface javax.xml.bind.[Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) The name of the property used to specify the xsi:noNamespaceSchemaLocation attribute value to place in the marshalled XML output. [**JAXB\_SCHEMA\_LOCATION**](http://docs.google.com/javax/xml/bind/Marshaller.html#JAXB_SCHEMA_LOCATION) - Static variable in interface javax.xml.bind.[Marshaller](http://docs.google.com/javax/xml/bind/Marshaller.html) The name of the property used to specify the xsi:schemaLocation attribute value to place in the marshalled XML output. [**JAXBContext**](http://docs.google.com/javax/xml/bind/JAXBContext.html) - Class in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) The JAXBContext class provides the client's entry point to the JAXB API.[**JAXBContext()**](http://docs.google.com/javax/xml/bind/JAXBContext.html#JAXBContext()) - Constructor for class javax.xml.bind.[JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html)   [**JAXBElement**](http://docs.google.com/javax/xml/bind/JAXBElement.html)<[T](http://docs.google.com/javax/xml/bind/JAXBElement.html)> - Class in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html)JAXB representation of an Xml Element.[**JAXBElement(QName, Class<T>, Class, T)**](http://docs.google.com/javax/xml/bind/JAXBElement.html#JAXBElement(javax.xml.namespace.QName,%20java.lang.Class,%20java.lang.Class,%20T)) - Constructor for class javax.xml.bind.[JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html) Construct an xml element instance. [**JAXBElement(QName, Class<T>, T)**](http://docs.google.com/javax/xml/bind/JAXBElement.html#JAXBElement(javax.xml.namespace.QName,%20java.lang.Class,%20T)) - Constructor for class javax.xml.bind.[JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html) Construct an xml element instance. [**JAXBElement.GlobalScope**](http://docs.google.com/javax/xml/bind/JAXBElement.GlobalScope.html) - Class in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html)Designates global scope for an xml element.[**JAXBElement.GlobalScope()**](http://docs.google.com/javax/xml/bind/JAXBElement.GlobalScope.html#JAXBElement.GlobalScope()) - Constructor for class javax.xml.bind.[JAXBElement.GlobalScope](http://docs.google.com/javax/xml/bind/JAXBElement.GlobalScope.html)   [**JAXBException**](http://docs.google.com/javax/xml/bind/JAXBException.html) - Exception in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html)This is the root exception class for all JAXB exceptions.[**JAXBException(String)**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String)) - Constructor for exception javax.xml.bind.[JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html) Construct a JAXBException with the specified detail message. [**JAXBException(String, String)**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String,%20java.lang.String)) - Constructor for exception javax.xml.bind.[JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html) Construct a JAXBException with the specified detail message and vendor specific errorCode. [**JAXBException(Throwable)**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.Throwable)) - Constructor for exception javax.xml.bind.[JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html) Construct a JAXBException with a linkedException. [**JAXBException(String, Throwable)**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String,%20java.lang.Throwable)) - Constructor for exception javax.xml.bind.[JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html) Construct a JAXBException with the specified detail message and linkedException. [**JAXBException(String, String, Throwable)**](http://docs.google.com/javax/xml/bind/JAXBException.html#JAXBException(java.lang.String,%20java.lang.String,%20java.lang.Throwable)) - Constructor for exception javax.xml.bind.[JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html) Construct a JAXBException with the specified detail message, vendor specific errorCode, and linkedException. [**JAXBIntrospector**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html) - Class in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html)Provide access to JAXB xml binding data for a JAXB object.[**JAXBIntrospector()**](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html#JAXBIntrospector()) - Constructor for class javax.xml.bind.[JAXBIntrospector](http://docs.google.com/javax/xml/bind/JAXBIntrospector.html)   [**JAXBResult**](http://docs.google.com/javax/xml/bind/util/JAXBResult.html) - Class in [javax.xml.bind.util](http://docs.google.com/javax/xml/bind/util/package-summary.html)JAXP [Result](http://docs.google.com/javax/xml/transform/Result.html) implementation that unmarshals a JAXB object.[**JAXBResult(JAXBContext)**](http://docs.google.com/javax/xml/bind/util/JAXBResult.html#JAXBResult(javax.xml.bind.JAXBContext)) - Constructor for class javax.xml.bind.util.[JAXBResult](http://docs.google.com/javax/xml/bind/util/JAXBResult.html) Creates a new instance that uses the specified JAXBContext to unmarshal. [**JAXBResult(Unmarshaller)**](http://docs.google.com/javax/xml/bind/util/JAXBResult.html#JAXBResult(javax.xml.bind.Unmarshaller)) - Constructor for class javax.xml.bind.util.[JAXBResult](http://docs.google.com/javax/xml/bind/util/JAXBResult.html) Creates a new instance that uses the specified Unmarshaller to unmarshal an object. [**JAXBSource**](http://docs.google.com/javax/xml/bind/util/JAXBSource.html) - Class in [javax.xml.bind.util](http://docs.google.com/javax/xml/bind/util/package-summary.html)JAXP [Source](http://docs.google.com/javax/xml/transform/Source.html) implementation that marshals a JAXB-generated object.[**JAXBSource(JAXBContext, Object)**](http://docs.google.com/javax/xml/bind/util/JAXBSource.html#JAXBSource(javax.xml.bind.JAXBContext,%20java.lang.Object)) - Constructor for class javax.xml.bind.util.[JAXBSource](http://docs.google.com/javax/xml/bind/util/JAXBSource.html) Creates a new [Source](http://docs.google.com/javax/xml/transform/Source.html) for the given content object. [**JAXBSource(Marshaller, Object)**](http://docs.google.com/javax/xml/bind/util/JAXBSource.html#JAXBSource(javax.xml.bind.Marshaller,%20java.lang.Object)) - Constructor for class javax.xml.bind.util.[JAXBSource](http://docs.google.com/javax/xml/bind/util/JAXBSource.html) Creates a new [Source](http://docs.google.com/javax/xml/transform/Source.html) for the given content object. [**JAXWSPROVIDER\_PROPERTY**](http://docs.google.com/javax/xml/ws/spi/Provider.html#JAXWSPROVIDER_PROPERTY) - Static variable in class javax.xml.ws.spi.[Provider](http://docs.google.com/javax/xml/ws/spi/Provider.html) A constant representing the property used to lookup the name of a Provider implementation class. [**JButton**](http://docs.google.com/javax/swing/JButton.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a "push" button.[**JButton()**](http://docs.google.com/javax/swing/JButton.html#JButton()) - Constructor for class javax.swing.[JButton](http://docs.google.com/javax/swing/JButton.html) Creates a button with no set text or icon. [**JButton(Icon)**](http://docs.google.com/javax/swing/JButton.html#JButton(javax.swing.Icon)) - Constructor for class javax.swing.[JButton](http://docs.google.com/javax/swing/JButton.html) Creates a button with an icon. [**JButton(String)**](http://docs.google.com/javax/swing/JButton.html#JButton(java.lang.String)) - Constructor for class javax.swing.[JButton](http://docs.google.com/javax/swing/JButton.html) Creates a button with text. [**JButton(Action)**](http://docs.google.com/javax/swing/JButton.html#JButton(javax.swing.Action)) - Constructor for class javax.swing.[JButton](http://docs.google.com/javax/swing/JButton.html) Creates a button where properties are taken from the Action supplied. [**JButton(String, Icon)**](http://docs.google.com/javax/swing/JButton.html#JButton(java.lang.String,%20javax.swing.Icon)) - Constructor for class javax.swing.[JButton](http://docs.google.com/javax/swing/JButton.html) Creates a button with initial text and an icon. [**JButton.AccessibleJButton**](http://docs.google.com/javax/swing/JButton.AccessibleJButton.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JButton class.[**JButton.AccessibleJButton()**](http://docs.google.com/javax/swing/JButton.AccessibleJButton.html#JButton.AccessibleJButton()) - Constructor for class javax.swing.[JButton.AccessibleJButton](http://docs.google.com/javax/swing/JButton.AccessibleJButton.html)   [**JCheckBox**](http://docs.google.com/javax/swing/JCheckBox.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a check box -- an item that can be selected or deselected, and which displays its state to the user.[**JCheckBox()**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox()) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates an initially unselected check box button with no text, no icon. [**JCheckBox(Icon)**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(javax.swing.Icon)) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates an initially unselected check box with an icon. [**JCheckBox(Icon, boolean)**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates a check box with an icon and specifies whether or not it is initially selected. [**JCheckBox(String)**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(java.lang.String)) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates an initially unselected check box with text. [**JCheckBox(Action)**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(javax.swing.Action)) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates a check box where properties are taken from the Action supplied. [**JCheckBox(String, boolean)**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(java.lang.String,%20boolean)) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates a check box with text and specifies whether or not it is initially selected. [**JCheckBox(String, Icon)**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(java.lang.String,%20javax.swing.Icon)) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates an initially unselected check box with the specified text and icon. [**JCheckBox(String, Icon, boolean)**](http://docs.google.com/javax/swing/JCheckBox.html#JCheckBox(java.lang.String,%20javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JCheckBox](http://docs.google.com/javax/swing/JCheckBox.html) Creates a check box with text and icon, and specifies whether or not it is initially selected. [**JCheckBox.AccessibleJCheckBox**](http://docs.google.com/javax/swing/JCheckBox.AccessibleJCheckBox.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JCheckBox class.[**JCheckBox.AccessibleJCheckBox()**](http://docs.google.com/javax/swing/JCheckBox.AccessibleJCheckBox.html#JCheckBox.AccessibleJCheckBox()) - Constructor for class javax.swing.[JCheckBox.AccessibleJCheckBox](http://docs.google.com/javax/swing/JCheckBox.AccessibleJCheckBox.html)   [**JCheckBoxMenuItem**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A menu item that can be selected or deselected.[**JCheckBoxMenuItem()**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem()) - Constructor for class javax.swing.[JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) Creates an initially unselected check box menu item with no set text or icon. [**JCheckBoxMenuItem(Icon)**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem(javax.swing.Icon)) - Constructor for class javax.swing.[JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) Creates an initially unselected check box menu item with an icon. [**JCheckBoxMenuItem(String)**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem(java.lang.String)) - Constructor for class javax.swing.[JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) Creates an initially unselected check box menu item with text. [**JCheckBoxMenuItem(Action)**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem(javax.swing.Action)) - Constructor for class javax.swing.[JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) Creates a menu item whose properties are taken from the Action supplied. [**JCheckBoxMenuItem(String, Icon)**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem(java.lang.String,%20javax.swing.Icon)) - Constructor for class javax.swing.[JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) Creates an initially unselected check box menu item with the specified text and icon. [**JCheckBoxMenuItem(String, boolean)**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem(java.lang.String,%20boolean)) - Constructor for class javax.swing.[JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) Creates a check box menu item with the specified text and selection state. [**JCheckBoxMenuItem(String, Icon, boolean)**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html#JCheckBoxMenuItem(java.lang.String,%20javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.html) Creates a check box menu item with the specified text, icon, and selection state. [**JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JCheckBoxMenuItem class.[**JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem()**](http://docs.google.com/javax/swing/JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem.html#JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem()) - Constructor for class javax.swing.[JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem](http://docs.google.com/javax/swing/JCheckBoxMenuItem.AccessibleJCheckBoxMenuItem.html)   [**JColorChooser**](http://docs.google.com/javax/swing/JColorChooser.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JColorChooser provides a pane of controls designed to allow a user to manipulate and select a color.[**JColorChooser()**](http://docs.google.com/javax/swing/JColorChooser.html#JColorChooser()) - Constructor for class javax.swing.[JColorChooser](http://docs.google.com/javax/swing/JColorChooser.html) Creates a color chooser pane with an initial color of white. [**JColorChooser(Color)**](http://docs.google.com/javax/swing/JColorChooser.html#JColorChooser(java.awt.Color)) - Constructor for class javax.swing.[JColorChooser](http://docs.google.com/javax/swing/JColorChooser.html) Creates a color chooser pane with the specified initial color. [**JColorChooser(ColorSelectionModel)**](http://docs.google.com/javax/swing/JColorChooser.html#JColorChooser(javax.swing.colorchooser.ColorSelectionModel)) - Constructor for class javax.swing.[JColorChooser](http://docs.google.com/javax/swing/JColorChooser.html) Creates a color chooser pane with the specified ColorSelectionModel. [**JColorChooser.AccessibleJColorChooser**](http://docs.google.com/javax/swing/JColorChooser.AccessibleJColorChooser.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JColorChooser class.[**JColorChooser.AccessibleJColorChooser()**](http://docs.google.com/javax/swing/JColorChooser.AccessibleJColorChooser.html#JColorChooser.AccessibleJColorChooser()) - Constructor for class javax.swing.[JColorChooser.AccessibleJColorChooser](http://docs.google.com/javax/swing/JColorChooser.AccessibleJColorChooser.html)   [**JComboBox**](http://docs.google.com/javax/swing/JComboBox.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A component that combines a button or editable field and a drop-down list.[**JComboBox(ComboBoxModel)**](http://docs.google.com/javax/swing/JComboBox.html#JComboBox(javax.swing.ComboBoxModel)) - Constructor for class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Creates a JComboBox that takes its items from an existing ComboBoxModel. [**JComboBox(Object[])**](http://docs.google.com/javax/swing/JComboBox.html#JComboBox(java.lang.Object%5B%5D)) - Constructor for class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Creates a JComboBox that contains the elements in the specified array. [**JComboBox(Vector<?>)**](http://docs.google.com/javax/swing/JComboBox.html#JComboBox(java.util.Vector)) - Constructor for class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Creates a JComboBox that contains the elements in the specified Vector. [**JComboBox()**](http://docs.google.com/javax/swing/JComboBox.html#JComboBox()) - Constructor for class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Creates a JComboBox with a default data model. [**JComboBox.AccessibleJComboBox**](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JComboBox class.[**JComboBox.AccessibleJComboBox()**](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html#JComboBox.AccessibleJComboBox()) - Constructor for class javax.swing.[JComboBox.AccessibleJComboBox](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html) Returns an AccessibleJComboBox instance [**JComboBox.KeySelectionManager**](http://docs.google.com/javax/swing/JComboBox.KeySelectionManager.html) - Interface in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The interface that defines a KeySelectionManager.[**JComponent**](http://docs.google.com/javax/swing/JComponent.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The base class for all Swing components except top-level containers.[**JComponent()**](http://docs.google.com/javax/swing/JComponent.html#JComponent()) - Constructor for class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Default JComponent constructor. [**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Inner class of JComponent used to provide default support for accessibility.[**JComponent.AccessibleJComponent()**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#JComponent.AccessibleJComponent()) - Constructor for class javax.swing.[JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) Though the class is abstract, this should be called by all sub-classes. [**JComponent.AccessibleJComponent.AccessibleContainerHandler**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Fire PropertyChange listener, if one is registered, when children added/removed.[**JComponent.AccessibleJComponent.AccessibleContainerHandler()**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html#JComponent.AccessibleJComponent.AccessibleContainerHandler()) - Constructor for class javax.swing.[JComponent.AccessibleJComponent.AccessibleContainerHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html)   [**JComponent.AccessibleJComponent.AccessibleFocusHandler**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Fire PropertyChange listener, if one is registered, when focus events happen[**JComponent.AccessibleJComponent.AccessibleFocusHandler()**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html#JComponent.AccessibleJComponent.AccessibleFocusHandler()) - Constructor for class javax.swing.[JComponent.AccessibleJComponent.AccessibleFocusHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html)   [**JCOMPONENT\_UI**](http://docs.google.com/javax/print/ServiceUIFactory.html#JCOMPONENT_UI) - Static variable in class javax.print.[ServiceUIFactory](http://docs.google.com/javax/print/ServiceUIFactory.html) Denotes a UI implemented as a Swing component. [**jdbcCompliant()**](http://docs.google.com/java/sql/Driver.html#jdbcCompliant()) - Method in interface java.sql.[Driver](http://docs.google.com/java/sql/Driver.html) Reports whether this driver is a genuine JDBC CompliantTM driver. [**JdbcRowSet**](http://docs.google.com/javax/sql/rowset/JdbcRowSet.html) - Interface in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html)The standard interface that all standard implementations of JdbcRowSet must implement.[**JDesktopPane**](http://docs.google.com/javax/swing/JDesktopPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A container used to create a multiple-document interface or a virtual desktop.[**JDesktopPane()**](http://docs.google.com/javax/swing/JDesktopPane.html#JDesktopPane()) - Constructor for class javax.swing.[JDesktopPane](http://docs.google.com/javax/swing/JDesktopPane.html) Creates a new JDesktopPane. [**JDesktopPane.AccessibleJDesktopPane**](http://docs.google.com/javax/swing/JDesktopPane.AccessibleJDesktopPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JDesktopPane class.[**JDesktopPane.AccessibleJDesktopPane()**](http://docs.google.com/javax/swing/JDesktopPane.AccessibleJDesktopPane.html#JDesktopPane.AccessibleJDesktopPane()) - Constructor for class javax.swing.[JDesktopPane.AccessibleJDesktopPane](http://docs.google.com/javax/swing/JDesktopPane.AccessibleJDesktopPane.html)   [**JDialog**](http://docs.google.com/javax/swing/JDialog.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The main class for creating a dialog window.[**JDialog()**](http://docs.google.com/javax/swing/JDialog.html#JDialog()) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a modeless dialog without a title and without a specified Frame owner. [**JDialog(Frame)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Frame)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a modeless dialog without a title with the specified Frame as its owner. [**JDialog(Frame, boolean)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Frame,%20boolean)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified owner Frame, modality and an empty title. [**JDialog(Frame, String)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Frame,%20java.lang.String)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a modeless dialog with the specified title and with the specified owner frame. [**JDialog(Frame, String, boolean)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Frame,%20java.lang.String,%20boolean)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified title, owner Frame and modality. [**JDialog(Frame, String, boolean, GraphicsConfiguration)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Frame,%20java.lang.String,%20boolean,%20java.awt.GraphicsConfiguration)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified title, owner Frame, modality and GraphicsConfiguration. [**JDialog(Dialog)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Dialog)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a modeless dialog without a title with the specified Dialog as its owner. [**JDialog(Dialog, boolean)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Dialog,%20boolean)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified owner Dialog and modality. [**JDialog(Dialog, String)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Dialog,%20java.lang.String)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a modeless dialog with the specified title and with the specified owner dialog. [**JDialog(Dialog, String, boolean)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Dialog,%20java.lang.String,%20boolean)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified title, modality and the specified owner Dialog. [**JDialog(Dialog, String, boolean, GraphicsConfiguration)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Dialog,%20java.lang.String,%20boolean,%20java.awt.GraphicsConfiguration)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified title, owner Dialog, modality and GraphicsConfiguration. [**JDialog(Window)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Window)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a modeless dialog with the specified owner Window and an empty title. [**JDialog(Window, Dialog.ModalityType)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Window,%20java.awt.Dialog.ModalityType)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified owner Window, modality and an empty title. [**JDialog(Window, String)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Window,%20java.lang.String)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a modeless dialog with the specified title and owner Window. [**JDialog(Window, String, Dialog.ModalityType)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Window,%20java.lang.String,%20java.awt.Dialog.ModalityType)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified title, owner Window and modality. [**JDialog(Window, String, Dialog.ModalityType, GraphicsConfiguration)**](http://docs.google.com/javax/swing/JDialog.html#JDialog(java.awt.Window,%20java.lang.String,%20java.awt.Dialog.ModalityType,%20java.awt.GraphicsConfiguration)) - Constructor for class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Creates a dialog with the specified title, owner Window, modality and GraphicsConfiguration. [**JDialog.AccessibleJDialog**](http://docs.google.com/javax/swing/JDialog.AccessibleJDialog.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JDialog class.[**JDialog.AccessibleJDialog()**](http://docs.google.com/javax/swing/JDialog.AccessibleJDialog.html#JDialog.AccessibleJDialog()) - Constructor for class javax.swing.[JDialog.AccessibleJDialog](http://docs.google.com/javax/swing/JDialog.AccessibleJDialog.html)   [**JDIALOG\_UI**](http://docs.google.com/javax/print/ServiceUIFactory.html#JDIALOG_UI) - Static variable in class javax.print.[ServiceUIFactory](http://docs.google.com/javax/print/ServiceUIFactory.html) Denotes a UI implemented as a Swing dialog. [**JEditorPane**](http://docs.google.com/javax/swing/JEditorPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A text component to edit various kinds of content.[**JEditorPane()**](http://docs.google.com/javax/swing/JEditorPane.html#JEditorPane()) - Constructor for class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Creates a new JEditorPane. [**JEditorPane(URL)**](http://docs.google.com/javax/swing/JEditorPane.html#JEditorPane(java.net.URL)) - Constructor for class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Creates a JEditorPane based on a specified URL for input. [**JEditorPane(String)**](http://docs.google.com/javax/swing/JEditorPane.html#JEditorPane(java.lang.String)) - Constructor for class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Creates a JEditorPane based on a string containing a URL specification. [**JEditorPane(String, String)**](http://docs.google.com/javax/swing/JEditorPane.html#JEditorPane(java.lang.String,%20java.lang.String)) - Constructor for class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Creates a JEditorPane that has been initialized to the given text. [**JEditorPane.AccessibleJEditorPane**](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JEditorPane class.[**JEditorPane.AccessibleJEditorPane()**](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPane.html#JEditorPane.AccessibleJEditorPane()) - Constructor for class javax.swing.[JEditorPane.AccessibleJEditorPane](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPane.html)   [**JEditorPane.AccessibleJEditorPaneHTML**](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPaneHTML.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class provides support for AccessibleHypertext, and is used in instances where the EditorKit installed in this JEditorPane is an instance of HTMLEditorKit.[**JEditorPane.AccessibleJEditorPaneHTML()**](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPaneHTML.html#JEditorPane.AccessibleJEditorPaneHTML()) - Constructor for class javax.swing.[JEditorPane.AccessibleJEditorPaneHTML](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPaneHTML.html)   [**JEditorPane.JEditorPaneAccessibleHypertextSupport**](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)What's returned by AccessibleJEditorPaneHTML.getAccessibleText.[**JEditorPane.JEditorPaneAccessibleHypertextSupport()**](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.html#JEditorPane.JEditorPaneAccessibleHypertextSupport()) - Constructor for class javax.swing.[JEditorPane.JEditorPaneAccessibleHypertextSupport](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.html) Make one of these puppies [**JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink**](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) [**JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink(Element)**](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink.html#JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink(javax.swing.text.Element)) - Constructor for class javax.swing.[JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink.html)   [**JFileChooser**](http://docs.google.com/javax/swing/JFileChooser.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JFileChooser provides a simple mechanism for the user to choose a file.[**JFileChooser()**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser()) - Constructor for class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Constructs a JFileChooser pointing to the user's default directory. [**JFileChooser(String)**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser(java.lang.String)) - Constructor for class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Constructs a JFileChooser using the given path. [**JFileChooser(File)**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser(java.io.File)) - Constructor for class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Constructs a JFileChooser using the given File as the path. [**JFileChooser(FileSystemView)**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser(javax.swing.filechooser.FileSystemView)) - Constructor for class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Constructs a JFileChooser using the given FileSystemView. [**JFileChooser(File, FileSystemView)**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser(java.io.File,%20javax.swing.filechooser.FileSystemView)) - Constructor for class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Constructs a JFileChooser using the given current directory and FileSystemView. [**JFileChooser(String, FileSystemView)**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser(java.lang.String,%20javax.swing.filechooser.FileSystemView)) - Constructor for class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Constructs a JFileChooser using the given current directory path and FileSystemView. [**JFileChooser.AccessibleJFileChooser**](http://docs.google.com/javax/swing/JFileChooser.AccessibleJFileChooser.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JFileChooser class.[**JFileChooser.AccessibleJFileChooser()**](http://docs.google.com/javax/swing/JFileChooser.AccessibleJFileChooser.html#JFileChooser.AccessibleJFileChooser()) - Constructor for class javax.swing.[JFileChooser.AccessibleJFileChooser](http://docs.google.com/javax/swing/JFileChooser.AccessibleJFileChooser.html)   [**JFormattedTextField**](http://docs.google.com/javax/swing/JFormattedTextField.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JFormattedTextField extends JTextField adding support for formatting arbitrary values, as well as retrieving a particular object once the user has edited the text.[**JFormattedTextField()**](http://docs.google.com/javax/swing/JFormattedTextField.html#JFormattedTextField()) - Constructor for class javax.swing.[JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html) Creates a JFormattedTextField with no AbstractFormatterFactory. [**JFormattedTextField(Object)**](http://docs.google.com/javax/swing/JFormattedTextField.html#JFormattedTextField(java.lang.Object)) - Constructor for class javax.swing.[JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html) Creates a JFormattedTextField with the specified value. [**JFormattedTextField(Format)**](http://docs.google.com/javax/swing/JFormattedTextField.html#JFormattedTextField(java.text.Format)) - Constructor for class javax.swing.[JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html) Creates a JFormattedTextField. [**JFormattedTextField(JFormattedTextField.AbstractFormatter)**](http://docs.google.com/javax/swing/JFormattedTextField.html#JFormattedTextField(javax.swing.JFormattedTextField.AbstractFormatter)) - Constructor for class javax.swing.[JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html) Creates a JFormattedTextField with the specified AbstractFormatter. [**JFormattedTextField(JFormattedTextField.AbstractFormatterFactory)**](http://docs.google.com/javax/swing/JFormattedTextField.html#JFormattedTextField(javax.swing.JFormattedTextField.AbstractFormatterFactory)) - Constructor for class javax.swing.[JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html) Creates a JFormattedTextField with the specified AbstractFormatterFactory. [**JFormattedTextField(JFormattedTextField.AbstractFormatterFactory, Object)**](http://docs.google.com/javax/swing/JFormattedTextField.html#JFormattedTextField(javax.swing.JFormattedTextField.AbstractFormatterFactory,%20java.lang.Object)) - Constructor for class javax.swing.[JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html) Creates a JFormattedTextField with the specified AbstractFormatterFactory and initial value. [**JFormattedTextField.AbstractFormatter**](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Instances of AbstractFormatter are used by JFormattedTextField to handle the conversion both from an Object to a String, and back from a String to an Object.[**JFormattedTextField.AbstractFormatter()**](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html#JFormattedTextField.AbstractFormatter()) - Constructor for class javax.swing.[JFormattedTextField.AbstractFormatter](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html)   [**JFormattedTextField.AbstractFormatterFactory**](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatterFactory.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Instances of AbstractFormatterFactory are used by JFormattedTextField to obtain instances of AbstractFormatter which in turn are used to format values.[**JFormattedTextField.AbstractFormatterFactory()**](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatterFactory.html#JFormattedTextField.AbstractFormatterFactory()) - Constructor for class javax.swing.[JFormattedTextField.AbstractFormatterFactory](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatterFactory.html)   [**JFrame**](http://docs.google.com/javax/swing/JFrame.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An extended version of java.awt.Frame that adds support for the JFC/Swing component architecture.[**JFrame()**](http://docs.google.com/javax/swing/JFrame.html#JFrame()) - Constructor for class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) Constructs a new frame that is initially invisible. [**JFrame(GraphicsConfiguration)**](http://docs.google.com/javax/swing/JFrame.html#JFrame(java.awt.GraphicsConfiguration)) - Constructor for class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) Creates a Frame in the specified GraphicsConfiguration of a screen device and a blank title. [**JFrame(String)**](http://docs.google.com/javax/swing/JFrame.html#JFrame(java.lang.String)) - Constructor for class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) Creates a new, initially invisible Frame with the specified title. [**JFrame(String, GraphicsConfiguration)**](http://docs.google.com/javax/swing/JFrame.html#JFrame(java.lang.String,%20java.awt.GraphicsConfiguration)) - Constructor for class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) Creates a JFrame with the specified title and the specified GraphicsConfiguration of a screen device. [**JFrame.AccessibleJFrame**](http://docs.google.com/javax/swing/JFrame.AccessibleJFrame.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JFrame class.[**JFrame.AccessibleJFrame()**](http://docs.google.com/javax/swing/JFrame.AccessibleJFrame.html#JFrame.AccessibleJFrame()) - Constructor for class javax.swing.[JFrame.AccessibleJFrame](http://docs.google.com/javax/swing/JFrame.AccessibleJFrame.html)   [**JInternalFrame**](http://docs.google.com/javax/swing/JInternalFrame.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A lightweight object that provides many of the features of a native frame, including dragging, closing, becoming an icon, resizing, title display, and support for a menu bar.[**JInternalFrame()**](http://docs.google.com/javax/swing/JInternalFrame.html#JInternalFrame()) - Constructor for class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Creates a non-resizable, non-closable, non-maximizable, non-iconifiable JInternalFrame with no title. [**JInternalFrame(String)**](http://docs.google.com/javax/swing/JInternalFrame.html#JInternalFrame(java.lang.String)) - Constructor for class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Creates a non-resizable, non-closable, non-maximizable, non-iconifiable JInternalFrame with the specified title. [**JInternalFrame(String, boolean)**](http://docs.google.com/javax/swing/JInternalFrame.html#JInternalFrame(java.lang.String,%20boolean)) - Constructor for class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Creates a non-closable, non-maximizable, non-iconifiable JInternalFrame with the specified title and resizability. [**JInternalFrame(String, boolean, boolean)**](http://docs.google.com/javax/swing/JInternalFrame.html#JInternalFrame(java.lang.String,%20boolean,%20boolean)) - Constructor for class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Creates a non-maximizable, non-iconifiable JInternalFrame with the specified title, resizability, and closability. [**JInternalFrame(String, boolean, boolean, boolean)**](http://docs.google.com/javax/swing/JInternalFrame.html#JInternalFrame(java.lang.String,%20boolean,%20boolean,%20boolean)) - Constructor for class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Creates a non-iconifiable JInternalFrame with the specified title, resizability, closability, and maximizability. [**JInternalFrame(String, boolean, boolean, boolean, boolean)**](http://docs.google.com/javax/swing/JInternalFrame.html#JInternalFrame(java.lang.String,%20boolean,%20boolean,%20boolean,%20boolean)) - Constructor for class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Creates a JInternalFrame with the specified title, resizability, closability, maximizability, and iconifiability. [**JInternalFrame.AccessibleJInternalFrame**](http://docs.google.com/javax/swing/JInternalFrame.AccessibleJInternalFrame.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JInternalFrame class.[**JInternalFrame.AccessibleJInternalFrame()**](http://docs.google.com/javax/swing/JInternalFrame.AccessibleJInternalFrame.html#JInternalFrame.AccessibleJInternalFrame()) - Constructor for class javax.swing.[JInternalFrame.AccessibleJInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.AccessibleJInternalFrame.html)   [**JInternalFrame.JDesktopIcon**](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This component represents an iconified version of a JInternalFrame.[**JInternalFrame.JDesktopIcon(JInternalFrame)**](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.html#JInternalFrame.JDesktopIcon(javax.swing.JInternalFrame)) - Constructor for class javax.swing.[JInternalFrame.JDesktopIcon](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.html) Creates an icon for an internal frame. [**JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon**](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JInternalFrame.JDesktopIcon class.[**JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon()**](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon.html#JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon()) - Constructor for class javax.swing.[JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon](http://docs.google.com/javax/swing/JInternalFrame.JDesktopIcon.AccessibleJDesktopIcon.html)   [**JIS\_B0**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B0) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B0, 1030 x 1456 mm. [**JIS\_B0**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B0) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B0 size. [**JIS\_B1**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B1) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B1, 728 x 1030 mm. [**JIS\_B1**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B1) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B1 size. [**JIS\_B10**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B10) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B10, 32 x 45 mm. [**JIS\_B10**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B10) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B10 size. [**JIS\_B2**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B2) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B2, 515 x 728 mm. [**JIS\_B2**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B2) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B2 size. [**JIS\_B3**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B3) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B3, 364 x 515 mm. [**JIS\_B3**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B3) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B3 size. [**JIS\_B4**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B4) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B4, 257 x 364 mm. [**JIS\_B4**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B4) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B4 size. [**JIS\_B5**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B5) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B5, 182 x 257 mm. [**JIS\_B5**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B5) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B5 size. [**JIS\_B6**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B6) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B6, 128 x 182 mm. [**JIS\_B6**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B6) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B6 size. [**JIS\_B7**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B7) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B7, 91 x 128 mm. [**JIS\_B7**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B7) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B7 size. [**JIS\_B8**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B8) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B8, 64 x 91 mm. [**JIS\_B8**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B8) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B8 size. [**JIS\_B9**](http://docs.google.com/java/awt/PageAttributes.MediaType.html#JIS_B9) - Static variable in class java.awt.[PageAttributes.MediaType](http://docs.google.com/java/awt/PageAttributes.MediaType.html) The MediaType instance for JIS B9, 45 x 64 mm. [**JIS\_B9**](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html#JIS_B9) - Static variable in class javax.print.attribute.standard.[MediaSizeName](http://docs.google.com/javax/print/attribute/standard/MediaSizeName.html) JIS B9 size. [**JLabel**](http://docs.google.com/javax/swing/JLabel.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A display area for a short text string or an image, or both.[**JLabel(String, Icon, int)**](http://docs.google.com/javax/swing/JLabel.html#JLabel(java.lang.String,%20javax.swing.Icon,%20int)) - Constructor for class javax.swing.[JLabel](http://docs.google.com/javax/swing/JLabel.html) Creates a JLabel instance with the specified text, image, and horizontal alignment. [**JLabel(String, int)**](http://docs.google.com/javax/swing/JLabel.html#JLabel(java.lang.String,%20int)) - Constructor for class javax.swing.[JLabel](http://docs.google.com/javax/swing/JLabel.html) Creates a JLabel instance with the specified text and horizontal alignment. [**JLabel(String)**](http://docs.google.com/javax/swing/JLabel.html#JLabel(java.lang.String)) - Constructor for class javax.swing.[JLabel](http://docs.google.com/javax/swing/JLabel.html) Creates a JLabel instance with the specified text. [**JLabel(Icon, int)**](http://docs.google.com/javax/swing/JLabel.html#JLabel(javax.swing.Icon,%20int)) - Constructor for class javax.swing.[JLabel](http://docs.google.com/javax/swing/JLabel.html) Creates a JLabel instance with the specified image and horizontal alignment. [**JLabel(Icon)**](http://docs.google.com/javax/swing/JLabel.html#JLabel(javax.swing.Icon)) - Constructor for class javax.swing.[JLabel](http://docs.google.com/javax/swing/JLabel.html) Creates a JLabel instance with the specified image. [**JLabel()**](http://docs.google.com/javax/swing/JLabel.html#JLabel()) - Constructor for class javax.swing.[JLabel](http://docs.google.com/javax/swing/JLabel.html) Creates a JLabel instance with no image and with an empty string for the title. [**JLabel.AccessibleJLabel**](http://docs.google.com/javax/swing/JLabel.AccessibleJLabel.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The class used to obtain the accessible role for this object.[**JLabel.AccessibleJLabel()**](http://docs.google.com/javax/swing/JLabel.AccessibleJLabel.html#JLabel.AccessibleJLabel()) - Constructor for class javax.swing.[JLabel.AccessibleJLabel](http://docs.google.com/javax/swing/JLabel.AccessibleJLabel.html)   [**JLayeredPane**](http://docs.google.com/javax/swing/JLayeredPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JLayeredPane adds depth to a JFC/Swing container, allowing components to overlap each other when needed.[**JLayeredPane()**](http://docs.google.com/javax/swing/JLayeredPane.html#JLayeredPane()) - Constructor for class javax.swing.[JLayeredPane](http://docs.google.com/javax/swing/JLayeredPane.html) Create a new JLayeredPane [**JLayeredPane.AccessibleJLayeredPane**](http://docs.google.com/javax/swing/JLayeredPane.AccessibleJLayeredPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JLayeredPane class.[**JLayeredPane.AccessibleJLayeredPane()**](http://docs.google.com/javax/swing/JLayeredPane.AccessibleJLayeredPane.html#JLayeredPane.AccessibleJLayeredPane()) - Constructor for class javax.swing.[JLayeredPane.AccessibleJLayeredPane](http://docs.google.com/javax/swing/JLayeredPane.AccessibleJLayeredPane.html)   [**JList**](http://docs.google.com/javax/swing/JList.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A component that displays a list of objects and allows the user to select one or more items.[**JList(ListModel)**](http://docs.google.com/javax/swing/JList.html#JList(javax.swing.ListModel)) - Constructor for class javax.swing.[JList](http://docs.google.com/javax/swing/JList.html) Constructs a JList that displays elements from the specified, non-null, model. [**JList(Object[])**](http://docs.google.com/javax/swing/JList.html#JList(java.lang.Object%5B%5D)) - Constructor for class javax.swing.[JList](http://docs.google.com/javax/swing/JList.html) Constructs a JList that displays the elements in the specified array. [**JList(Vector<?>)**](http://docs.google.com/javax/swing/JList.html#JList(java.util.Vector)) - Constructor for class javax.swing.[JList](http://docs.google.com/javax/swing/JList.html) Constructs a JList that displays the elements in the specified Vector. [**JList()**](http://docs.google.com/javax/swing/JList.html#JList()) - Constructor for class javax.swing.[JList](http://docs.google.com/javax/swing/JList.html) Constructs a JList with an empty, read-only, model. [**JList.AccessibleJList**](http://docs.google.com/javax/swing/JList.AccessibleJList.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JList class.[**JList.AccessibleJList()**](http://docs.google.com/javax/swing/JList.AccessibleJList.html#JList.AccessibleJList()) - Constructor for class javax.swing.[JList.AccessibleJList](http://docs.google.com/javax/swing/JList.AccessibleJList.html)   [**JList.AccessibleJList.AccessibleJListChild**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support appropriate for list children.[**JList.AccessibleJList.AccessibleJListChild(JList, int)**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#JList.AccessibleJList.AccessibleJListChild(javax.swing.JList,%20int)) - Constructor for class javax.swing.[JList.AccessibleJList.AccessibleJListChild](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html)   [**JList.DropLocation**](http://docs.google.com/javax/swing/JList.DropLocation.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A subclass of TransferHandler.DropLocation representing a drop location for a JList.[**JMenu**](http://docs.google.com/javax/swing/JMenu.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a menu -- a popup window containing JMenuItems that is displayed when the user selects an item on the JMenuBar.[**JMenu()**](http://docs.google.com/javax/swing/JMenu.html#JMenu()) - Constructor for class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Constructs a new JMenu with no text. [**JMenu(String)**](http://docs.google.com/javax/swing/JMenu.html#JMenu(java.lang.String)) - Constructor for class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Constructs a new JMenu with the supplied string as its text. [**JMenu(Action)**](http://docs.google.com/javax/swing/JMenu.html#JMenu(javax.swing.Action)) - Constructor for class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Constructs a menu whose properties are taken from the Action supplied. [**JMenu(String, boolean)**](http://docs.google.com/javax/swing/JMenu.html#JMenu(java.lang.String,%20boolean)) - Constructor for class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Constructs a new JMenu with the supplied string as its text and specified as a tear-off menu or not. [**JMenu.AccessibleJMenu**](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JMenu class.[**JMenu.AccessibleJMenu()**](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html#JMenu.AccessibleJMenu()) - Constructor for class javax.swing.[JMenu.AccessibleJMenu](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html)   [**JMenu.WinListener**](http://docs.google.com/javax/swing/JMenu.WinListener.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A listener class that watches for a popup window closing.[**JMenu.WinListener(JPopupMenu)**](http://docs.google.com/javax/swing/JMenu.WinListener.html#JMenu.WinListener(javax.swing.JPopupMenu)) - Constructor for class javax.swing.[JMenu.WinListener](http://docs.google.com/javax/swing/JMenu.WinListener.html) Create the window listener for the specified popup. [**JMenuBar**](http://docs.google.com/javax/swing/JMenuBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a menu bar.[**JMenuBar()**](http://docs.google.com/javax/swing/JMenuBar.html#JMenuBar()) - Constructor for class javax.swing.[JMenuBar](http://docs.google.com/javax/swing/JMenuBar.html) Creates a new menu bar. [**JMenuBar.AccessibleJMenuBar**](http://docs.google.com/javax/swing/JMenuBar.AccessibleJMenuBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JMenuBar class.[**JMenuBar.AccessibleJMenuBar()**](http://docs.google.com/javax/swing/JMenuBar.AccessibleJMenuBar.html#JMenuBar.AccessibleJMenuBar()) - Constructor for class javax.swing.[JMenuBar.AccessibleJMenuBar](http://docs.google.com/javax/swing/JMenuBar.AccessibleJMenuBar.html)   [**JMenuItem**](http://docs.google.com/javax/swing/JMenuItem.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of an item in a menu.[**JMenuItem()**](http://docs.google.com/javax/swing/JMenuItem.html#JMenuItem()) - Constructor for class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Creates a JMenuItem with no set text or icon. [**JMenuItem(Icon)**](http://docs.google.com/javax/swing/JMenuItem.html#JMenuItem(javax.swing.Icon)) - Constructor for class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Creates a JMenuItem with the specified icon. [**JMenuItem(String)**](http://docs.google.com/javax/swing/JMenuItem.html#JMenuItem(java.lang.String)) - Constructor for class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Creates a JMenuItem with the specified text. [**JMenuItem(Action)**](http://docs.google.com/javax/swing/JMenuItem.html#JMenuItem(javax.swing.Action)) - Constructor for class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Creates a menu item whose properties are taken from the specified Action. [**JMenuItem(String, Icon)**](http://docs.google.com/javax/swing/JMenuItem.html#JMenuItem(java.lang.String,%20javax.swing.Icon)) - Constructor for class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Creates a JMenuItem with the specified text and icon. [**JMenuItem(String, int)**](http://docs.google.com/javax/swing/JMenuItem.html#JMenuItem(java.lang.String,%20int)) - Constructor for class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Creates a JMenuItem with the specified text and keyboard mnemonic. [**JMenuItem.AccessibleJMenuItem**](http://docs.google.com/javax/swing/JMenuItem.AccessibleJMenuItem.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JMenuItem class.[**JMException**](http://docs.google.com/javax/management/JMException.html) - Exception in [javax.management](http://docs.google.com/javax/management/package-summary.html)Exceptions thrown by JMX implementations.[**JMException()**](http://docs.google.com/javax/management/JMException.html#JMException()) - Constructor for exception javax.management.[JMException](http://docs.google.com/javax/management/JMException.html) Default constructor. [**JMException(String)**](http://docs.google.com/javax/management/JMException.html#JMException(java.lang.String)) - Constructor for exception javax.management.[JMException](http://docs.google.com/javax/management/JMException.html) Constructor that allows a specific error message to be specified. [**JMRuntimeException**](http://docs.google.com/javax/management/JMRuntimeException.html) - Exception in [javax.management](http://docs.google.com/javax/management/package-summary.html)Runtime exceptions emitted by JMX implementations.[**JMRuntimeException()**](http://docs.google.com/javax/management/JMRuntimeException.html#JMRuntimeException()) - Constructor for exception javax.management.[JMRuntimeException](http://docs.google.com/javax/management/JMRuntimeException.html) Default constructor. [**JMRuntimeException(String)**](http://docs.google.com/javax/management/JMRuntimeException.html#JMRuntimeException(java.lang.String)) - Constructor for exception javax.management.[JMRuntimeException](http://docs.google.com/javax/management/JMRuntimeException.html) Constructor that allows a specific error message to be specified. [**JMX**](http://docs.google.com/javax/management/JMX.html) - Class in [javax.management](http://docs.google.com/javax/management/package-summary.html)Static methods from the JMX API.[**JMXAddressable**](http://docs.google.com/javax/management/remote/JMXAddressable.html) - Interface in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Implemented by objects that can have a JMXServiceURL address.[**JMXAuthenticator**](http://docs.google.com/javax/management/remote/JMXAuthenticator.html) - Interface in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Interface to define how remote credentials are converted into a JAAS Subject.[**JMXConnectionNotification**](http://docs.google.com/javax/management/remote/JMXConnectionNotification.html) - Class in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Notification emitted when a client connection is opened or closed or when notifications are lost.[**JMXConnectionNotification(String, Object, String, long, String, Object)**](http://docs.google.com/javax/management/remote/JMXConnectionNotification.html#JMXConnectionNotification(java.lang.String,%20java.lang.Object,%20java.lang.String,%20long,%20java.lang.String,%20java.lang.Object)) - Constructor for class javax.management.remote.[JMXConnectionNotification](http://docs.google.com/javax/management/remote/JMXConnectionNotification.html) Constructs a new connection notification. [**JMXConnector**](http://docs.google.com/javax/management/remote/JMXConnector.html) - Interface in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)The client end of a JMX API connector.[**JMXConnectorFactory**](http://docs.google.com/javax/management/remote/JMXConnectorFactory.html) - Class in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Factory to create JMX API connector clients.[**JMXConnectorProvider**](http://docs.google.com/javax/management/remote/JMXConnectorProvider.html) - Interface in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)A provider for creating JMX API connector clients using a given protocol.[**JMXConnectorServer**](http://docs.google.com/javax/management/remote/JMXConnectorServer.html) - Class in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Superclass of every connector server.[**JMXConnectorServer()**](http://docs.google.com/javax/management/remote/JMXConnectorServer.html#JMXConnectorServer()) - Constructor for class javax.management.remote.[JMXConnectorServer](http://docs.google.com/javax/management/remote/JMXConnectorServer.html) Constructs a connector server that will be registered as an MBean in the MBean server it is attached to. [**JMXConnectorServer(MBeanServer)**](http://docs.google.com/javax/management/remote/JMXConnectorServer.html#JMXConnectorServer(javax.management.MBeanServer)) - Constructor for class javax.management.remote.[JMXConnectorServer](http://docs.google.com/javax/management/remote/JMXConnectorServer.html) Constructs a connector server that is attached to the given MBean server. [**JMXConnectorServerFactory**](http://docs.google.com/javax/management/remote/JMXConnectorServerFactory.html) - Class in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Factory to create JMX API connector servers.[**JMXConnectorServerMBean**](http://docs.google.com/javax/management/remote/JMXConnectorServerMBean.html) - Interface in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)MBean interface for connector servers.[**JMXConnectorServerProvider**](http://docs.google.com/javax/management/remote/JMXConnectorServerProvider.html) - Interface in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)A provider for creating JMX API connector servers using a given protocol.[**JMXPrincipal**](http://docs.google.com/javax/management/remote/JMXPrincipal.html) - Class in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)The identity of a remote client of the JMX Remote API.[**JMXPrincipal(String)**](http://docs.google.com/javax/management/remote/JMXPrincipal.html#JMXPrincipal(java.lang.String)) - Constructor for class javax.management.remote.[JMXPrincipal](http://docs.google.com/javax/management/remote/JMXPrincipal.html) Creates a JMXPrincipal for a given identity. [**JMXProviderException**](http://docs.google.com/javax/management/remote/JMXProviderException.html) - Exception in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Exception thrown by [JMXConnectorFactory](http://docs.google.com/javax/management/remote/JMXConnectorFactory.html) and [JMXConnectorServerFactory](http://docs.google.com/javax/management/remote/JMXConnectorServerFactory.html) when a provider exists for the required protocol but cannot be used for some reason.[**JMXProviderException()**](http://docs.google.com/javax/management/remote/JMXProviderException.html#JMXProviderException()) - Constructor for exception javax.management.remote.[JMXProviderException](http://docs.google.com/javax/management/remote/JMXProviderException.html) Constructs a JMXProviderException with no specified detail message. [**JMXProviderException(String)**](http://docs.google.com/javax/management/remote/JMXProviderException.html#JMXProviderException(java.lang.String)) - Constructor for exception javax.management.remote.[JMXProviderException](http://docs.google.com/javax/management/remote/JMXProviderException.html) Constructs a JMXProviderException with the specified detail message. [**JMXProviderException(String, Throwable)**](http://docs.google.com/javax/management/remote/JMXProviderException.html#JMXProviderException(java.lang.String,%20java.lang.Throwable)) - Constructor for exception javax.management.remote.[JMXProviderException](http://docs.google.com/javax/management/remote/JMXProviderException.html) Constructs a JMXProviderException with the specified detail message and nested exception. [**JMXServerErrorException**](http://docs.google.com/javax/management/remote/JMXServerErrorException.html) - Exception in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)Exception thrown as the result of a remote [MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) method invocation when an Error is thrown while processing the invocation in the remote MBean server.[**JMXServerErrorException(String, Error)**](http://docs.google.com/javax/management/remote/JMXServerErrorException.html#JMXServerErrorException(java.lang.String,%20java.lang.Error)) - Constructor for exception javax.management.remote.[JMXServerErrorException](http://docs.google.com/javax/management/remote/JMXServerErrorException.html) Constructs a JMXServerErrorException with the specified detail message and nested error. [**JMXServiceURL**](http://docs.google.com/javax/management/remote/JMXServiceURL.html) - Class in [javax.management.remote](http://docs.google.com/javax/management/remote/package-summary.html)The address of a JMX API connector server.[**JMXServiceURL(String)**](http://docs.google.com/javax/management/remote/JMXServiceURL.html#JMXServiceURL(java.lang.String)) - Constructor for class javax.management.remote.[JMXServiceURL](http://docs.google.com/javax/management/remote/JMXServiceURL.html) Constructs a JMXServiceURL by parsing a Service URL string. [**JMXServiceURL(String, String, int)**](http://docs.google.com/javax/management/remote/JMXServiceURL.html#JMXServiceURL(java.lang.String,%20java.lang.String,%20int)) - Constructor for class javax.management.remote.[JMXServiceURL](http://docs.google.com/javax/management/remote/JMXServiceURL.html) Constructs a JMXServiceURL with the given protocol, host, and port. [**JMXServiceURL(String, String, int, String)**](http://docs.google.com/javax/management/remote/JMXServiceURL.html#JMXServiceURL(java.lang.String,%20java.lang.String,%20int,%20java.lang.String)) - Constructor for class javax.management.remote.[JMXServiceURL](http://docs.google.com/javax/management/remote/JMXServiceURL.html) Constructs a JMXServiceURL with the given parts. [**JNDI\_REBIND\_ATTRIBUTE**](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html#JNDI_REBIND_ATTRIBUTE) - Static variable in class javax.management.remote.rmi.[RMIConnectorServer](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html) Name of the attribute that specifies whether the [RMIServer](http://docs.google.com/javax/management/remote/rmi/RMIServer.html) stub that represents an RMI connector server should override an existing stub at the same address. [**JOB\_CANCELED**](http://docs.google.com/javax/print/event/PrintJobEvent.html#JOB_CANCELED) - Static variable in class javax.print.event.[PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) The job was canceled by the [PrintService](http://docs.google.com/javax/print/PrintService.html). [**JOB\_CANCELED\_AT\_DEVICE**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_CANCELED_AT_DEVICE) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job was canceled by an unidentified local user, i.e., a user at a console at the device. [**JOB\_CANCELED\_BY\_OPERATOR**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_CANCELED_BY_OPERATOR) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job was canceled by the operator, i.e., by a user who has been authenticated as having operator privileges (whether local or remote). [**JOB\_CANCELED\_BY\_USER**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_CANCELED_BY_USER) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job was canceled by the owner of the job, i.e., by a user whose authenticated identity is the same as the value of the originating user that created the Print Job, or by some other authorized end-user, such as a member of the job owner's security group. [**JOB\_COMPLETE**](http://docs.google.com/javax/print/event/PrintJobEvent.html#JOB_COMPLETE) - Static variable in class javax.print.event.[PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) The document cis completely printed. [**JOB\_COMPLETED\_SUCCESSFULLY**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_COMPLETED_SUCCESSFULLY) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job completed successfully. [**JOB\_COMPLETED\_WITH\_ERRORS**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_COMPLETED_WITH_ERRORS) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job completed with errors (and possibly warnings too). [**JOB\_COMPLETED\_WITH\_WARNINGS**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_COMPLETED_WITH_WARNINGS) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job completed with warnings. [**JOB\_DATA\_INSUFFICIENT**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_DATA_INSUFFICIENT) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The printer has created the Print Job, but the printer is expecting additional print data before it can move the job into the PROCESSING state. [**JOB\_FAILED**](http://docs.google.com/javax/print/event/PrintJobEvent.html#JOB_FAILED) - Static variable in class javax.print.event.[PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) The print service reports that the job cannot be completed. [**JOB\_HOLD\_UNTIL\_SPECIFIED**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_HOLD_UNTIL_SPECIFIED) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The value of the job's [JobHoldUntil](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html) attribute was specified with a date-time that is still in the future. [**JOB\_INCOMING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_INCOMING) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The printer has created the Print Job, but the printer has not finished accessing or accepting all the print data yet. [**JOB\_INTERPRETING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_INTERPRETING) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job is in the PROCESSING state, but more specifically, the printer ia interpreting the document data. [**JOB\_OUTGOING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_OUTGOING) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The printer is transmitting the job to the output device. [**JOB\_PRINTING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_PRINTING) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The output device is marking media. [**JOB\_QUEUED**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_QUEUED) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job is in the PROCESSING state, but more specifically, the printer has queued the document data. [**JOB\_QUEUED\_FOR\_MARKER**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_QUEUED_FOR_MARKER) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job is in the PENDING\_HELD, PENDING, or PROCESSING state, but more specifically, the printer has completed enough processing of the document to be able to start marking and the job is waiting for the marker. [**JOB\_RESTARTABLE**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_RESTARTABLE) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) This job is retained and is currently able to be restarted. [**JOB\_TRANSFORMING**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JOB_TRANSFORMING) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) The job is in the PROCESSING state, but more specifically, the printer is interpreting document data and producing another electronic representation. [**JobAttributes**](http://docs.google.com/java/awt/JobAttributes.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)A set of attributes which control a print job.[**JobAttributes()**](http://docs.google.com/java/awt/JobAttributes.html#JobAttributes()) - Constructor for class java.awt.[JobAttributes](http://docs.google.com/java/awt/JobAttributes.html) Constructs a JobAttributes instance with default values for every attribute. [**JobAttributes(JobAttributes)**](http://docs.google.com/java/awt/JobAttributes.html#JobAttributes(java.awt.JobAttributes)) - Constructor for class java.awt.[JobAttributes](http://docs.google.com/java/awt/JobAttributes.html) Constructs a JobAttributes instance which is a copy of the supplied JobAttributes. [**JobAttributes(int, JobAttributes.DefaultSelectionType, JobAttributes.DestinationType, JobAttributes.DialogType, String, int, int, JobAttributes.MultipleDocumentHandlingType, int[][], String, JobAttributes.SidesType)**](http://docs.google.com/java/awt/JobAttributes.html#JobAttributes(int,%20java.awt.JobAttributes.DefaultSelectionType,%20java.awt.JobAttributes.DestinationType,%20java.awt.JobAttributes.DialogType,%20java.lang.String,%20int,%20int,%20java.awt.JobAttributes.MultipleDocumentHandlingType,%20int%5B%5D%5B%5D,%20java.lang.String,%20java.awt.JobAttributes.SidesType)) - Constructor for class java.awt.[JobAttributes](http://docs.google.com/java/awt/JobAttributes.html) Constructs a JobAttributes instance with the specified values for every attribute. [**JobAttributes.DefaultSelectionType**](http://docs.google.com/java/awt/JobAttributes.DefaultSelectionType.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)A type-safe enumeration of possible default selection states.[**JobAttributes.DestinationType**](http://docs.google.com/java/awt/JobAttributes.DestinationType.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)A type-safe enumeration of possible job destinations.[**JobAttributes.DialogType**](http://docs.google.com/java/awt/JobAttributes.DialogType.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)A type-safe enumeration of possible dialogs to display to the user.[**JobAttributes.MultipleDocumentHandlingType**](http://docs.google.com/java/awt/JobAttributes.MultipleDocumentHandlingType.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)A type-safe enumeration of possible multiple copy handling states.[**JobAttributes.SidesType**](http://docs.google.com/java/awt/JobAttributes.SidesType.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)A type-safe enumeration of possible multi-page impositions.[**JobHoldUntil**](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobHoldUntil is a printing attribute class, a date-time attribute, that specifies the exact date and time at which the job must become a candidate for printing.[**JobHoldUntil(Date)**](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html#JobHoldUntil(java.util.Date)) - Constructor for class javax.print.attribute.standard.[JobHoldUntil](http://docs.google.com/javax/print/attribute/standard/JobHoldUntil.html) Construct a new job hold until date-time attribute with the given [Date](http://docs.google.com/java/util/Date.html) value. [**JobImpressions**](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobImpressions is an integer valued printing attribute class that specifies the total size in number of impressions of the document(s) being submitted.[**JobImpressions(int)**](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html#JobImpressions(int)) - Constructor for class javax.print.attribute.standard.[JobImpressions](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html) Construct a new job impressions attribute with the given integer value. [**JobImpressionsCompleted**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsCompleted.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobImpressionsCompleted is an integer valued printing attribute class that specifies the number of impressions completed for the job so far.[**JobImpressionsCompleted(int)**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsCompleted.html#JobImpressionsCompleted(int)) - Constructor for class javax.print.attribute.standard.[JobImpressionsCompleted](http://docs.google.com/javax/print/attribute/standard/JobImpressionsCompleted.html) Construct a new job impressions completed attribute with the given integer value. [**JobImpressionsSupported**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsSupported.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobImpressionsSupported is a printing attribute class, a set of integers, that gives the supported values for a [JobImpressions](http://docs.google.com/javax/print/attribute/standard/JobImpressions.html) attribute.[**JobImpressionsSupported(int, int)**](http://docs.google.com/javax/print/attribute/standard/JobImpressionsSupported.html#JobImpressionsSupported(int,%20int)) - Constructor for class javax.print.attribute.standard.[JobImpressionsSupported](http://docs.google.com/javax/print/attribute/standard/JobImpressionsSupported.html) Construct a new job impressions supported attribute containing a single range of integers. [**JobKOctets**](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobKOctets is an integer valued printing attribute class that specifies the total size of the document(s) in K octets, i.e., in units of 1024 octets requested to be processed in the job.[**JobKOctets(int)**](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html#JobKOctets(int)) - Constructor for class javax.print.attribute.standard.[JobKOctets](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html) Construct a new job K octets attribute with the given integer value. [**JobKOctetsProcessed**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsProcessed.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobKOctetsProcessed is an integer valued printing attribute class that specifies the total number of print data octets processed so far in K octets, i.e., in units of 1024 octets.[**JobKOctetsProcessed(int)**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsProcessed.html#JobKOctetsProcessed(int)) - Constructor for class javax.print.attribute.standard.[JobKOctetsProcessed](http://docs.google.com/javax/print/attribute/standard/JobKOctetsProcessed.html) Construct a new job K octets processed attribute with the given integer value. [**JobKOctetsSupported**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsSupported.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobKOctetsSupported is a printing attribute class, a set of integers, that gives the supported values for a [JobKOctets](http://docs.google.com/javax/print/attribute/standard/JobKOctets.html) attribute.[**JobKOctetsSupported(int, int)**](http://docs.google.com/javax/print/attribute/standard/JobKOctetsSupported.html#JobKOctetsSupported(int,%20int)) - Constructor for class javax.print.attribute.standard.[JobKOctetsSupported](http://docs.google.com/javax/print/attribute/standard/JobKOctetsSupported.html) Construct a new job K octets supported attribute containing a single range of integers. [**JobMediaSheets**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobMediaSheets is an integer valued printing attribute class that specifies the total number of media sheets to be produced for this job.[**JobMediaSheets(int)**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html#JobMediaSheets(int)) - Constructor for class javax.print.attribute.standard.[JobMediaSheets](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html) Construct a new job media sheets attribute with the given integer value. [**JobMediaSheetsCompleted**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobMediaSheetsCompleted is an integer valued printing attribute class that specifies the number of media sheets which have completed marking and stacking for the entire job so far, whether those sheets have been processed on one side or on both.[**JobMediaSheetsCompleted(int)**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html#JobMediaSheetsCompleted(int)) - Constructor for class javax.print.attribute.standard.[JobMediaSheetsCompleted](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsCompleted.html) Construct a new job media sheets completed attribute with the given integer value. [**JobMediaSheetsSupported**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobMediaSheetsSupported is a printing attribute class, a set of integers, that gives the supported values for a [JobMediaSheets](http://docs.google.com/javax/print/attribute/standard/JobMediaSheets.html) attribute.[**JobMediaSheetsSupported(int, int)**](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html#JobMediaSheetsSupported(int,%20int)) - Constructor for class javax.print.attribute.standard.[JobMediaSheetsSupported](http://docs.google.com/javax/print/attribute/standard/JobMediaSheetsSupported.html) Construct a new job media sheets supported attribute containing a single range of integers. [**JobMessageFromOperator**](http://docs.google.com/javax/print/attribute/standard/JobMessageFromOperator.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobMessageFromOperator is a printing attribute class, a text attribute, that provides a message from an operator, system administrator, or "intelligent" process to indicate to the end user the reasons for modification or other management action taken on a job.[**JobMessageFromOperator(String, Locale)**](http://docs.google.com/javax/print/attribute/standard/JobMessageFromOperator.html#JobMessageFromOperator(java.lang.String,%20java.util.Locale)) - Constructor for class javax.print.attribute.standard.[JobMessageFromOperator](http://docs.google.com/javax/print/attribute/standard/JobMessageFromOperator.html) Constructs a new job message from operator attribute with the given message and locale. [**JobName**](http://docs.google.com/javax/print/attribute/standard/JobName.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobName is a printing attribute class, a text attribute, that specifies the name of a print job.[**JobName(String, Locale)**](http://docs.google.com/javax/print/attribute/standard/JobName.html#JobName(java.lang.String,%20java.util.Locale)) - Constructor for class javax.print.attribute.standard.[JobName](http://docs.google.com/javax/print/attribute/standard/JobName.html) Constructs a new job name attribute with the given job name and locale. [**JobOriginatingUserName**](http://docs.google.com/javax/print/attribute/standard/JobOriginatingUserName.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobOriginatingUserName is a printing attribute class, a text attribute, that contains the name of the end user that submitted the print job.[**JobOriginatingUserName(String, Locale)**](http://docs.google.com/javax/print/attribute/standard/JobOriginatingUserName.html#JobOriginatingUserName(java.lang.String,%20java.util.Locale)) - Constructor for class javax.print.attribute.standard.[JobOriginatingUserName](http://docs.google.com/javax/print/attribute/standard/JobOriginatingUserName.html) Constructs a new job originating user name attribute with the given user name and locale. [**JobPriority**](http://docs.google.com/javax/print/attribute/standard/JobPriority.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobPriority is an integer valued printing attribute class that specifies a print job's priority.[**JobPriority(int)**](http://docs.google.com/javax/print/attribute/standard/JobPriority.html#JobPriority(int)) - Constructor for class javax.print.attribute.standard.[JobPriority](http://docs.google.com/javax/print/attribute/standard/JobPriority.html) Construct a new job priority attribute with the given integer value. [**JobPrioritySupported**](http://docs.google.com/javax/print/attribute/standard/JobPrioritySupported.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobPrioritySupported is an integer valued printing attribute class that specifies whether a Print Service instance supports the [JobPriority](http://docs.google.com/javax/print/attribute/standard/JobPriority.html) attribute and the number of different job priority levels supported.[**JobPrioritySupported(int)**](http://docs.google.com/javax/print/attribute/standard/JobPrioritySupported.html#JobPrioritySupported(int)) - Constructor for class javax.print.attribute.standard.[JobPrioritySupported](http://docs.google.com/javax/print/attribute/standard/JobPrioritySupported.html) Construct a new job priority supported attribute with the given integer value. [**JobSheets**](http://docs.google.com/javax/print/attribute/standard/JobSheets.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobSheets is a printing attribute class, an enumeration, that determines which job start and end sheets, if any, must be printed with a job.[**JobSheets(int)**](http://docs.google.com/javax/print/attribute/standard/JobSheets.html#JobSheets(int)) - Constructor for class javax.print.attribute.standard.[JobSheets](http://docs.google.com/javax/print/attribute/standard/JobSheets.html) Construct a new job sheets enumeration value with the given integer value. [**JobState**](http://docs.google.com/javax/print/attribute/standard/JobState.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)JobState is a printing attribute class, an enumeration, that identifies the current state of a print job.[**JobState(int)**](http://docs.google.com/javax/print/attribute/standard/JobState.html#JobState(int)) - Constructor for class javax.print.attribute.standard.[JobState](http://docs.google.com/javax/print/attribute/standard/JobState.html) Construct a new job state enumeration value with the given integer value. [**JobStateReason**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobStateReason is a printing attribute class, an enumeration, that provides additional information about the job's current state, i.e., information that augments the value of the job's [JobState](http://docs.google.com/javax/print/attribute/standard/JobState.html) attribute.[**JobStateReason(int)**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#JobStateReason(int)) - Constructor for class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) Construct a new job state reason enumeration value with the given integer value. [**JobStateReasons**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class JobStateReasons is a printing attribute class, a set of enumeration values, that provides additional information about the job's current state, i.e., information that augments the value of the job's [JobState](http://docs.google.com/javax/print/attribute/standard/JobState.html) attribute.[**JobStateReasons()**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html#JobStateReasons()) - Constructor for class javax.print.attribute.standard.[JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) Construct a new, empty job state reasons attribute; the underlying hash set has the default initial capacity and load factor. [**JobStateReasons(int)**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html#JobStateReasons(int)) - Constructor for class javax.print.attribute.standard.[JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) Construct a new, empty job state reasons attribute; the underlying hash set has the given initial capacity and the default load factor. [**JobStateReasons(int, float)**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html#JobStateReasons(int,%20float)) - Constructor for class javax.print.attribute.standard.[JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) Construct a new, empty job state reasons attribute; the underlying hash set has the given initial capacity and load factor. [**JobStateReasons(Collection<JobStateReason>)**](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html#JobStateReasons(java.util.Collection)) - Constructor for class javax.print.attribute.standard.[JobStateReasons](http://docs.google.com/javax/print/attribute/standard/JobStateReasons.html) Construct a new job state reasons attribute that contains the same [JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) objects as the given collection. [**join(long)**](http://docs.google.com/java/lang/Thread.html#join(long)) - Method in class java.lang.[Thread](http://docs.google.com/java/lang/Thread.html) Waits at most millis milliseconds for this thread to die. [**join(long, int)**](http://docs.google.com/java/lang/Thread.html#join(long,%20int)) - Method in class java.lang.[Thread](http://docs.google.com/java/lang/Thread.html) Waits at most millis milliseconds plus nanos nanoseconds for this thread to die. [**join()**](http://docs.google.com/java/lang/Thread.html#join()) - Method in class java.lang.[Thread](http://docs.google.com/java/lang/Thread.html) Waits for this thread to die. [**join(InetAddress)**](http://docs.google.com/java/net/DatagramSocketImpl.html#join(java.net.InetAddress)) - Method in class java.net.[DatagramSocketImpl](http://docs.google.com/java/net/DatagramSocketImpl.html) Join the multicast group. [**JOIN\_BEVEL**](http://docs.google.com/java/awt/BasicStroke.html#JOIN_BEVEL) - Static variable in class java.awt.[BasicStroke](http://docs.google.com/java/awt/BasicStroke.html) Joins path segments by connecting the outer corners of their wide outlines with a straight segment. [**JOIN\_MITER**](http://docs.google.com/java/awt/BasicStroke.html#JOIN_MITER) - Static variable in class java.awt.[BasicStroke](http://docs.google.com/java/awt/BasicStroke.html) Joins path segments by extending their outside edges until they meet. [**JOIN\_ROUND**](http://docs.google.com/java/awt/BasicStroke.html#JOIN_ROUND) - Static variable in class java.awt.[BasicStroke](http://docs.google.com/java/awt/BasicStroke.html) Joins path segments by rounding off the corner at a radius of half the line width. [**Joinable**](http://docs.google.com/javax/sql/rowset/Joinable.html) - Interface in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html)1.0 Background[**JoinFractureDirection**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html#JoinFractureDirection) - Static variable in class javax.swing.text.[DefaultStyledDocument.ElementSpec](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html) A possible value for getDirection. [**joinGroup(SocketAddress, NetworkInterface)**](http://docs.google.com/java/net/DatagramSocketImpl.html#joinGroup(java.net.SocketAddress,%20java.net.NetworkInterface)) - Method in class java.net.[DatagramSocketImpl](http://docs.google.com/java/net/DatagramSocketImpl.html) Join the multicast group. [**joinGroup(InetAddress)**](http://docs.google.com/java/net/MulticastSocket.html#joinGroup(java.net.InetAddress)) - Method in class java.net.[MulticastSocket](http://docs.google.com/java/net/MulticastSocket.html) Joins a multicast group. [**joinGroup(SocketAddress, NetworkInterface)**](http://docs.google.com/java/net/MulticastSocket.html#joinGroup(java.net.SocketAddress,%20java.net.NetworkInterface)) - Method in class java.net.[MulticastSocket](http://docs.google.com/java/net/MulticastSocket.html) Joins the specified multicast group at the specified interface. [**JoinNextDirection**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html#JoinNextDirection) - Static variable in class javax.swing.text.[DefaultStyledDocument.ElementSpec](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html) A possible value for getDirection. [**JoinPreviousDirection**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html#JoinPreviousDirection) - Static variable in class javax.swing.text.[DefaultStyledDocument.ElementSpec](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html) A possible value for getDirection. [**JoinRowSet**](http://docs.google.com/javax/sql/rowset/JoinRowSet.html) - Interface in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html)The JoinRowSet interface provides a mechanism for combining related data from different RowSet objects into one JoinRowSet object, which represents an SQL JOIN.[**JOptionPane**](http://docs.google.com/javax/swing/JOptionPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JOptionPane makes it easy to pop up a standard dialog box that prompts users for a value or informs them of something.[**JOptionPane()**](http://docs.google.com/javax/swing/JOptionPane.html#JOptionPane()) - Constructor for class javax.swing.[JOptionPane](http://docs.google.com/javax/swing/JOptionPane.html) Creates a JOptionPane with a test message. [**JOptionPane(Object)**](http://docs.google.com/javax/swing/JOptionPane.html#JOptionPane(java.lang.Object)) - Constructor for class javax.swing.[JOptionPane](http://docs.google.com/javax/swing/JOptionPane.html) Creates a instance of JOptionPane to display a message using the plain-message message type and the default options delivered by the UI. [**JOptionPane(Object, int)**](http://docs.google.com/javax/swing/JOptionPane.html#JOptionPane(java.lang.Object,%20int)) - Constructor for class javax.swing.[JOptionPane](http://docs.google.com/javax/swing/JOptionPane.html) Creates an instance of JOptionPane to display a message with the specified message type and the default options, [**JOptionPane(Object, int, int)**](http://docs.google.com/javax/swing/JOptionPane.html#JOptionPane(java.lang.Object,%20int,%20int)) - Constructor for class javax.swing.[JOptionPane](http://docs.google.com/javax/swing/JOptionPane.html) Creates an instance of JOptionPane to display a message with the specified message type and options. [**JOptionPane(Object, int, int, Icon)**](http://docs.google.com/javax/swing/JOptionPane.html#JOptionPane(java.lang.Object,%20int,%20int,%20javax.swing.Icon)) - Constructor for class javax.swing.[JOptionPane](http://docs.google.com/javax/swing/JOptionPane.html) Creates an instance of JOptionPane to display a message with the specified message type, options, and icon. [**JOptionPane(Object, int, int, Icon, Object[])**](http://docs.google.com/javax/swing/JOptionPane.html#JOptionPane(java.lang.Object,%20int,%20int,%20javax.swing.Icon,%20java.lang.Object%5B%5D)) - Constructor for class javax.swing.[JOptionPane](http://docs.google.com/javax/swing/JOptionPane.html) Creates an instance of JOptionPane to display a message with the specified message type, icon, and options. [**JOptionPane(Object, int, int, Icon, Object[], Object)**](http://docs.google.com/javax/swing/JOptionPane.html#JOptionPane(java.lang.Object,%20int,%20int,%20javax.swing.Icon,%20java.lang.Object%5B%5D,%20java.lang.Object)) - Constructor for class javax.swing.[JOptionPane](http://docs.google.com/javax/swing/JOptionPane.html) Creates an instance of JOptionPane to display a message with the specified message type, icon, and options, with the initially-selected option specified. [**JOptionPane.AccessibleJOptionPane**](http://docs.google.com/javax/swing/JOptionPane.AccessibleJOptionPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JOptionPane class.[**JOptionPane.AccessibleJOptionPane()**](http://docs.google.com/javax/swing/JOptionPane.AccessibleJOptionPane.html#JOptionPane.AccessibleJOptionPane()) - Constructor for class javax.swing.[JOptionPane.AccessibleJOptionPane](http://docs.google.com/javax/swing/JOptionPane.AccessibleJOptionPane.html)   [**JPanel**](http://docs.google.com/javax/swing/JPanel.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JPanel is a generic lightweight container.[**JPanel(LayoutManager, boolean)**](http://docs.google.com/javax/swing/JPanel.html#JPanel(java.awt.LayoutManager,%20boolean)) - Constructor for class javax.swing.[JPanel](http://docs.google.com/javax/swing/JPanel.html) Creates a new JPanel with the specified layout manager and buffering strategy. [**JPanel(LayoutManager)**](http://docs.google.com/javax/swing/JPanel.html#JPanel(java.awt.LayoutManager)) - Constructor for class javax.swing.[JPanel](http://docs.google.com/javax/swing/JPanel.html) Create a new buffered JPanel with the specified layout manager [**JPanel(boolean)**](http://docs.google.com/javax/swing/JPanel.html#JPanel(boolean)) - Constructor for class javax.swing.[JPanel](http://docs.google.com/javax/swing/JPanel.html) Creates a new JPanel with FlowLayout and the specified buffering strategy. [**JPanel()**](http://docs.google.com/javax/swing/JPanel.html#JPanel()) - Constructor for class javax.swing.[JPanel](http://docs.google.com/javax/swing/JPanel.html) Creates a new JPanel with a double buffer and a flow layout. [**JPanel.AccessibleJPanel**](http://docs.google.com/javax/swing/JPanel.AccessibleJPanel.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JPanel class.[**JPanel.AccessibleJPanel()**](http://docs.google.com/javax/swing/JPanel.AccessibleJPanel.html#JPanel.AccessibleJPanel()) - Constructor for class javax.swing.[JPanel.AccessibleJPanel](http://docs.google.com/javax/swing/JPanel.AccessibleJPanel.html)   [**JPasswordField**](http://docs.google.com/javax/swing/JPasswordField.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JPasswordField is a lightweight component that allows the editing of a single line of text where the view indicates something was typed, but does not show the original characters.[**JPasswordField()**](http://docs.google.com/javax/swing/JPasswordField.html#JPasswordField()) - Constructor for class javax.swing.[JPasswordField](http://docs.google.com/javax/swing/JPasswordField.html) Constructs a new JPasswordField, with a default document, null starting text string, and 0 column width. [**JPasswordField(String)**](http://docs.google.com/javax/swing/JPasswordField.html#JPasswordField(java.lang.String)) - Constructor for class javax.swing.[JPasswordField](http://docs.google.com/javax/swing/JPasswordField.html) Constructs a new JPasswordField initialized with the specified text. [**JPasswordField(int)**](http://docs.google.com/javax/swing/JPasswordField.html#JPasswordField(int)) - Constructor for class javax.swing.[JPasswordField](http://docs.google.com/javax/swing/JPasswordField.html) Constructs a new empty JPasswordField with the specified number of columns. [**JPasswordField(String, int)**](http://docs.google.com/javax/swing/JPasswordField.html#JPasswordField(java.lang.String,%20int)) - Constructor for class javax.swing.[JPasswordField](http://docs.google.com/javax/swing/JPasswordField.html) Constructs a new JPasswordField initialized with the specified text and columns. [**JPasswordField(Document, String, int)**](http://docs.google.com/javax/swing/JPasswordField.html#JPasswordField(javax.swing.text.Document,%20java.lang.String,%20int)) - Constructor for class javax.swing.[JPasswordField](http://docs.google.com/javax/swing/JPasswordField.html) Constructs a new JPasswordField that uses the given text storage model and the given number of columns. [**JPasswordField.AccessibleJPasswordField**](http://docs.google.com/javax/swing/JPasswordField.AccessibleJPasswordField.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JPasswordField class.[**JPasswordField.AccessibleJPasswordField()**](http://docs.google.com/javax/swing/JPasswordField.AccessibleJPasswordField.html#JPasswordField.AccessibleJPasswordField()) - Constructor for class javax.swing.[JPasswordField.AccessibleJPasswordField](http://docs.google.com/javax/swing/JPasswordField.AccessibleJPasswordField.html)   [**JPEG**](http://docs.google.com/javax/print/DocFlavor.BYTE_ARRAY.html#JPEG) - Static variable in class javax.print.[DocFlavor.BYTE\_ARRAY](http://docs.google.com/javax/print/DocFlavor.BYTE_ARRAY.html) Doc flavor with MIME type = "image/jpeg", print data representation class name = "[B" (byte array). [**JPEG**](http://docs.google.com/javax/print/DocFlavor.INPUT_STREAM.html#JPEG) - Static variable in class javax.print.[DocFlavor.INPUT\_STREAM](http://docs.google.com/javax/print/DocFlavor.INPUT_STREAM.html) Doc flavor with MIME type = "image/jpeg", print data representation class name = "java.io.InputStream" (byte stream). [**JPEG**](http://docs.google.com/javax/print/DocFlavor.URL.html#JPEG) - Static variable in class javax.print.[DocFlavor.URL](http://docs.google.com/javax/print/DocFlavor.URL.html) Doc flavor with MIME type = "image/jpeg", print data representation class name = "java.net.URL". [**JPEGHuffmanTable**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGHuffmanTable.html) - Class in [javax.imageio.plugins.jpeg](http://docs.google.com/javax/imageio/plugins/jpeg/package-summary.html)A class encapsulating a single JPEG Huffman table.[**JPEGHuffmanTable(short[], short[])**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGHuffmanTable.html#JPEGHuffmanTable(short%5B%5D,%20short%5B%5D)) - Constructor for class javax.imageio.plugins.jpeg.[JPEGHuffmanTable](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGHuffmanTable.html) Creates a Huffman table and initializes it. [**JPEGImageReadParam**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGImageReadParam.html) - Class in [javax.imageio.plugins.jpeg](http://docs.google.com/javax/imageio/plugins/jpeg/package-summary.html)This class adds the ability to set JPEG quantization and Huffman tables when using the built-in JPEG reader plug-in.[**JPEGImageReadParam()**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGImageReadParam.html#JPEGImageReadParam()) - Constructor for class javax.imageio.plugins.jpeg.[JPEGImageReadParam](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGImageReadParam.html) Constructs a JPEGImageReadParam. [**JPEGImageWriteParam**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGImageWriteParam.html) - Class in [javax.imageio.plugins.jpeg](http://docs.google.com/javax/imageio/plugins/jpeg/package-summary.html)This class adds the ability to set JPEG quantization and Huffman tables when using the built-in JPEG writer plug-in, and to request that optimized Huffman tables be computed for an image.[**JPEGImageWriteParam(Locale)**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGImageWriteParam.html#JPEGImageWriteParam(java.util.Locale)) - Constructor for class javax.imageio.plugins.jpeg.[JPEGImageWriteParam](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGImageWriteParam.html) Constructs a JPEGImageWriteParam. [**JPEGQTable**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGQTable.html) - Class in [javax.imageio.plugins.jpeg](http://docs.google.com/javax/imageio/plugins/jpeg/package-summary.html)A class encapsulating a single JPEG quantization table.[**JPEGQTable(int[])**](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGQTable.html#JPEGQTable(int%5B%5D)) - Constructor for class javax.imageio.plugins.jpeg.[JPEGQTable](http://docs.google.com/javax/imageio/plugins/jpeg/JPEGQTable.html) Constructs a quantization table from the argument, which must contain 64 elements in natural order (not zig-zag order). [**JPopupMenu**](http://docs.google.com/javax/swing/JPopupMenu.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a popup menu -- a small window that pops up and displays a series of choices.[**JPopupMenu()**](http://docs.google.com/javax/swing/JPopupMenu.html#JPopupMenu()) - Constructor for class javax.swing.[JPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.html) Constructs a JPopupMenu without an "invoker". [**JPopupMenu(String)**](http://docs.google.com/javax/swing/JPopupMenu.html#JPopupMenu(java.lang.String)) - Constructor for class javax.swing.[JPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.html) Constructs a JPopupMenu with the specified title. [**JPopupMenu.AccessibleJPopupMenu**](http://docs.google.com/javax/swing/JPopupMenu.AccessibleJPopupMenu.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JPopupMenu class.[**JPopupMenu.AccessibleJPopupMenu()**](http://docs.google.com/javax/swing/JPopupMenu.AccessibleJPopupMenu.html#JPopupMenu.AccessibleJPopupMenu()) - Constructor for class javax.swing.[JPopupMenu.AccessibleJPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.AccessibleJPopupMenu.html) AccessibleJPopupMenu constructor [**JPopupMenu.Separator**](http://docs.google.com/javax/swing/JPopupMenu.Separator.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A popup menu-specific separator.[**JPopupMenu.Separator()**](http://docs.google.com/javax/swing/JPopupMenu.Separator.html#JPopupMenu.Separator()) - Constructor for class javax.swing.[JPopupMenu.Separator](http://docs.google.com/javax/swing/JPopupMenu.Separator.html)   [**JProgressBar**](http://docs.google.com/javax/swing/JProgressBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A component that visually displays the progress of some task.[**JProgressBar()**](http://docs.google.com/javax/swing/JProgressBar.html#JProgressBar()) - Constructor for class javax.swing.[JProgressBar](http://docs.google.com/javax/swing/JProgressBar.html) Creates a horizontal progress bar that displays a border but no progress string. [**JProgressBar(int)**](http://docs.google.com/javax/swing/JProgressBar.html#JProgressBar(int)) - Constructor for class javax.swing.[JProgressBar](http://docs.google.com/javax/swing/JProgressBar.html) Creates a progress bar with the specified orientation, which can be either SwingConstants.VERTICAL or SwingConstants.HORIZONTAL. [**JProgressBar(int, int)**](http://docs.google.com/javax/swing/JProgressBar.html#JProgressBar(int,%20int)) - Constructor for class javax.swing.[JProgressBar](http://docs.google.com/javax/swing/JProgressBar.html) Creates a horizontal progress bar with the specified minimum and maximum. [**JProgressBar(int, int, int)**](http://docs.google.com/javax/swing/JProgressBar.html#JProgressBar(int,%20int,%20int)) - Constructor for class javax.swing.[JProgressBar](http://docs.google.com/javax/swing/JProgressBar.html) Creates a progress bar using the specified orientation, minimum, and maximum. [**JProgressBar(BoundedRangeModel)**](http://docs.google.com/javax/swing/JProgressBar.html#JProgressBar(javax.swing.BoundedRangeModel)) - Constructor for class javax.swing.[JProgressBar](http://docs.google.com/javax/swing/JProgressBar.html) Creates a horizontal progress bar that uses the specified model to hold the progress bar's data. [**JProgressBar.AccessibleJProgressBar**](http://docs.google.com/javax/swing/JProgressBar.AccessibleJProgressBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JProgressBar class.[**JProgressBar.AccessibleJProgressBar()**](http://docs.google.com/javax/swing/JProgressBar.AccessibleJProgressBar.html#JProgressBar.AccessibleJProgressBar()) - Constructor for class javax.swing.[JProgressBar.AccessibleJProgressBar](http://docs.google.com/javax/swing/JProgressBar.AccessibleJProgressBar.html)   [**JRadioButton**](http://docs.google.com/javax/swing/JRadioButton.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a radio button -- an item that can be selected or deselected, and which displays its state to the user.[**JRadioButton()**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton()) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates an initially unselected radio button with no set text. [**JRadioButton(Icon)**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(javax.swing.Icon)) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates an initially unselected radio button with the specified image but no text. [**JRadioButton(Action)**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(javax.swing.Action)) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates a radiobutton where properties are taken from the Action supplied. [**JRadioButton(Icon, boolean)**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates a radio button with the specified image and selection state, but no text. [**JRadioButton(String)**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(java.lang.String)) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates an unselected radio button with the specified text. [**JRadioButton(String, boolean)**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(java.lang.String,%20boolean)) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates a radio button with the specified text and selection state. [**JRadioButton(String, Icon)**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(java.lang.String,%20javax.swing.Icon)) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates a radio button that has the specified text and image, and that is initially unselected. [**JRadioButton(String, Icon, boolean)**](http://docs.google.com/javax/swing/JRadioButton.html#JRadioButton(java.lang.String,%20javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JRadioButton](http://docs.google.com/javax/swing/JRadioButton.html) Creates a radio button that has the specified text, image, and selection state. [**JRadioButton.AccessibleJRadioButton**](http://docs.google.com/javax/swing/JRadioButton.AccessibleJRadioButton.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JRadioButton class.[**JRadioButton.AccessibleJRadioButton()**](http://docs.google.com/javax/swing/JRadioButton.AccessibleJRadioButton.html#JRadioButton.AccessibleJRadioButton()) - Constructor for class javax.swing.[JRadioButton.AccessibleJRadioButton](http://docs.google.com/javax/swing/JRadioButton.AccessibleJRadioButton.html)   [**JRadioButtonMenuItem**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a radio button menu item.[**JRadioButtonMenuItem()**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem()) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a JRadioButtonMenuItem with no set text or icon. [**JRadioButtonMenuItem(Icon)**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(javax.swing.Icon)) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a JRadioButtonMenuItem with an icon. [**JRadioButtonMenuItem(String)**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(java.lang.String)) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a JRadioButtonMenuItem with text. [**JRadioButtonMenuItem(Action)**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(javax.swing.Action)) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a radio button menu item whose properties are taken from the Action supplied. [**JRadioButtonMenuItem(String, Icon)**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(java.lang.String,%20javax.swing.Icon)) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a radio button menu item with the specified text and Icon. [**JRadioButtonMenuItem(String, boolean)**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(java.lang.String,%20boolean)) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a radio button menu item with the specified text and selection state. [**JRadioButtonMenuItem(Icon, boolean)**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a radio button menu item with the specified image and selection state, but no text. [**JRadioButtonMenuItem(String, Icon, boolean)**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html#JRadioButtonMenuItem(java.lang.String,%20javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.html) Creates a radio button menu item that has the specified text, image, and selection state. [**JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JRadioButtonMenuItem class.[**JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem()**](http://docs.google.com/javax/swing/JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem.html#JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem()) - Constructor for class javax.swing.[JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem](http://docs.google.com/javax/swing/JRadioButtonMenuItem.AccessibleJRadioButtonMenuItem.html)   [**JRootPane**](http://docs.google.com/javax/swing/JRootPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A lightweight container used behind the scenes by JFrame, JDialog, JWindow, JApplet, and JInternalFrame.[**JRootPane()**](http://docs.google.com/javax/swing/JRootPane.html#JRootPane()) - Constructor for class javax.swing.[JRootPane](http://docs.google.com/javax/swing/JRootPane.html) Creates a JRootPane, setting up its glassPane, layeredPane, and contentPane. [**JRootPane.AccessibleJRootPane**](http://docs.google.com/javax/swing/JRootPane.AccessibleJRootPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JRootPane class.[**JRootPane.AccessibleJRootPane()**](http://docs.google.com/javax/swing/JRootPane.AccessibleJRootPane.html#JRootPane.AccessibleJRootPane()) - Constructor for class javax.swing.[JRootPane.AccessibleJRootPane](http://docs.google.com/javax/swing/JRootPane.AccessibleJRootPane.html)   [**JRootPane.RootLayout**](http://docs.google.com/javax/swing/JRootPane.RootLayout.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A custom layout manager that is responsible for the layout of layeredPane, glassPane, and menuBar.[**JRootPane.RootLayout()**](http://docs.google.com/javax/swing/JRootPane.RootLayout.html#JRootPane.RootLayout()) - Constructor for class javax.swing.[JRootPane.RootLayout](http://docs.google.com/javax/swing/JRootPane.RootLayout.html)   [**JScrollBar**](http://docs.google.com/javax/swing/JScrollBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a scrollbar.[**JScrollBar(int, int, int, int, int)**](http://docs.google.com/javax/swing/JScrollBar.html#JScrollBar(int,%20int,%20int,%20int,%20int)) - Constructor for class javax.swing.[JScrollBar](http://docs.google.com/javax/swing/JScrollBar.html) Creates a scrollbar with the specified orientation, value, extent, minimum, and maximum. [**JScrollBar(int)**](http://docs.google.com/javax/swing/JScrollBar.html#JScrollBar(int)) - Constructor for class javax.swing.[JScrollBar](http://docs.google.com/javax/swing/JScrollBar.html) Creates a scrollbar with the specified orientation and the following initial values: [**JScrollBar()**](http://docs.google.com/javax/swing/JScrollBar.html#JScrollBar()) - Constructor for class javax.swing.[JScrollBar](http://docs.google.com/javax/swing/JScrollBar.html) Creates a vertical scrollbar with the following initial values: [**JScrollBar.AccessibleJScrollBar**](http://docs.google.com/javax/swing/JScrollBar.AccessibleJScrollBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JScrollBar class.[**JScrollBar.AccessibleJScrollBar()**](http://docs.google.com/javax/swing/JScrollBar.AccessibleJScrollBar.html#JScrollBar.AccessibleJScrollBar()) - Constructor for class javax.swing.[JScrollBar.AccessibleJScrollBar](http://docs.google.com/javax/swing/JScrollBar.AccessibleJScrollBar.html)   [**JScrollPane**](http://docs.google.com/javax/swing/JScrollPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Provides a scrollable view of a lightweight component.[**JScrollPane(Component, int, int)**](http://docs.google.com/javax/swing/JScrollPane.html#JScrollPane(java.awt.Component,%20int,%20int)) - Constructor for class javax.swing.[JScrollPane](http://docs.google.com/javax/swing/JScrollPane.html) Creates a JScrollPane that displays the view component in a viewport whose view position can be controlled with a pair of scrollbars. [**JScrollPane(Component)**](http://docs.google.com/javax/swing/JScrollPane.html#JScrollPane(java.awt.Component)) - Constructor for class javax.swing.[JScrollPane](http://docs.google.com/javax/swing/JScrollPane.html) Creates a JScrollPane that displays the contents of the specified component, where both horizontal and vertical scrollbars appear whenever the component's contents are larger than the view. [**JScrollPane(int, int)**](http://docs.google.com/javax/swing/JScrollPane.html#JScrollPane(int,%20int)) - Constructor for class javax.swing.[JScrollPane](http://docs.google.com/javax/swing/JScrollPane.html) Creates an empty (no viewport view) JScrollPane with specified scrollbar policies. [**JScrollPane()**](http://docs.google.com/javax/swing/JScrollPane.html#JScrollPane()) - Constructor for class javax.swing.[JScrollPane](http://docs.google.com/javax/swing/JScrollPane.html) Creates an empty (no viewport view) JScrollPane where both horizontal and vertical scrollbars appear when needed. [**JScrollPane.AccessibleJScrollPane**](http://docs.google.com/javax/swing/JScrollPane.AccessibleJScrollPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JScrollPane class.[**JScrollPane.AccessibleJScrollPane()**](http://docs.google.com/javax/swing/JScrollPane.AccessibleJScrollPane.html#JScrollPane.AccessibleJScrollPane()) - Constructor for class javax.swing.[JScrollPane.AccessibleJScrollPane](http://docs.google.com/javax/swing/JScrollPane.AccessibleJScrollPane.html) AccessibleJScrollPane constructor [**JScrollPane.ScrollBar**](http://docs.google.com/javax/swing/JScrollPane.ScrollBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)By default JScrollPane creates scrollbars that are instances of this class.[**JScrollPane.ScrollBar(int)**](http://docs.google.com/javax/swing/JScrollPane.ScrollBar.html#JScrollPane.ScrollBar(int)) - Constructor for class javax.swing.[JScrollPane.ScrollBar](http://docs.google.com/javax/swing/JScrollPane.ScrollBar.html) Creates a scrollbar with the specified orientation. [**JSeparator**](http://docs.google.com/javax/swing/JSeparator.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JSeparator provides a general purpose component for implementing divider lines - most commonly used as a divider between menu items that breaks them up into logical groupings.[**JSeparator()**](http://docs.google.com/javax/swing/JSeparator.html#JSeparator()) - Constructor for class javax.swing.[JSeparator](http://docs.google.com/javax/swing/JSeparator.html) Creates a new horizontal separator. [**JSeparator(int)**](http://docs.google.com/javax/swing/JSeparator.html#JSeparator(int)) - Constructor for class javax.swing.[JSeparator](http://docs.google.com/javax/swing/JSeparator.html) Creates a new separator with the specified horizontal or vertical orientation. [**JSeparator.AccessibleJSeparator**](http://docs.google.com/javax/swing/JSeparator.AccessibleJSeparator.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JSeparator class.[**JSeparator.AccessibleJSeparator()**](http://docs.google.com/javax/swing/JSeparator.AccessibleJSeparator.html#JSeparator.AccessibleJSeparator()) - Constructor for class javax.swing.[JSeparator.AccessibleJSeparator](http://docs.google.com/javax/swing/JSeparator.AccessibleJSeparator.html)   [**JSlider**](http://docs.google.com/javax/swing/JSlider.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A component that lets the user graphically select a value by sliding a knob within a bounded interval.[**JSlider()**](http://docs.google.com/javax/swing/JSlider.html#JSlider()) - Constructor for class javax.swing.[JSlider](http://docs.google.com/javax/swing/JSlider.html) Creates a horizontal slider with the range 0 to 100 and an initial value of 50. [**JSlider(int)**](http://docs.google.com/javax/swing/JSlider.html#JSlider(int)) - Constructor for class javax.swing.[JSlider](http://docs.google.com/javax/swing/JSlider.html) Creates a slider using the specified orientation with the range 0 to 100 and an initial value of 50. [**JSlider(int, int)**](http://docs.google.com/javax/swing/JSlider.html#JSlider(int,%20int)) - Constructor for class javax.swing.[JSlider](http://docs.google.com/javax/swing/JSlider.html) Creates a horizontal slider using the specified min and max with an initial value equal to the average of the min plus max. [**JSlider(int, int, int)**](http://docs.google.com/javax/swing/JSlider.html#JSlider(int,%20int,%20int)) - Constructor for class javax.swing.[JSlider](http://docs.google.com/javax/swing/JSlider.html) Creates a horizontal slider using the specified min, max and value. [**JSlider(int, int, int, int)**](http://docs.google.com/javax/swing/JSlider.html#JSlider(int,%20int,%20int,%20int)) - Constructor for class javax.swing.[JSlider](http://docs.google.com/javax/swing/JSlider.html) Creates a slider with the specified orientation and the specified minimum, maximum, and initial values. [**JSlider(BoundedRangeModel)**](http://docs.google.com/javax/swing/JSlider.html#JSlider(javax.swing.BoundedRangeModel)) - Constructor for class javax.swing.[JSlider](http://docs.google.com/javax/swing/JSlider.html) Creates a horizontal slider using the specified BoundedRangeModel. [**JSlider.AccessibleJSlider**](http://docs.google.com/javax/swing/JSlider.AccessibleJSlider.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JSlider class.[**JSlider.AccessibleJSlider()**](http://docs.google.com/javax/swing/JSlider.AccessibleJSlider.html#JSlider.AccessibleJSlider()) - Constructor for class javax.swing.[JSlider.AccessibleJSlider](http://docs.google.com/javax/swing/JSlider.AccessibleJSlider.html)   [**JSpinner**](http://docs.google.com/javax/swing/JSpinner.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A single line input field that lets the user select a number or an object value from an ordered sequence.[**JSpinner(SpinnerModel)**](http://docs.google.com/javax/swing/JSpinner.html#JSpinner(javax.swing.SpinnerModel)) - Constructor for class javax.swing.[JSpinner](http://docs.google.com/javax/swing/JSpinner.html) Constructs a complete spinner with pair of next/previous buttons and an editor for the SpinnerModel. [**JSpinner()**](http://docs.google.com/javax/swing/JSpinner.html#JSpinner()) - Constructor for class javax.swing.[JSpinner](http://docs.google.com/javax/swing/JSpinner.html) Constructs a spinner with an Integer SpinnerNumberModel with initial value 0 and no minimum or maximum limits. [**JSpinner.AccessibleJSpinner**](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)AccessibleJSpinner implements accessibility support for the JSpinner class.[**JSpinner.AccessibleJSpinner()**](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.html#JSpinner.AccessibleJSpinner()) - Constructor for class javax.swing.[JSpinner.AccessibleJSpinner](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.html) AccessibleJSpinner constructor [**JSpinner.DateEditor**](http://docs.google.com/javax/swing/JSpinner.DateEditor.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An editor for a JSpinner whose model is a SpinnerDateModel.[**JSpinner.DateEditor(JSpinner)**](http://docs.google.com/javax/swing/JSpinner.DateEditor.html#JSpinner.DateEditor(javax.swing.JSpinner)) - Constructor for class javax.swing.[JSpinner.DateEditor](http://docs.google.com/javax/swing/JSpinner.DateEditor.html) Construct a JSpinner editor that supports displaying and editing the value of a SpinnerDateModel with a JFormattedTextField. [**JSpinner.DateEditor(JSpinner, String)**](http://docs.google.com/javax/swing/JSpinner.DateEditor.html#JSpinner.DateEditor(javax.swing.JSpinner,%20java.lang.String)) - Constructor for class javax.swing.[JSpinner.DateEditor](http://docs.google.com/javax/swing/JSpinner.DateEditor.html) Construct a JSpinner editor that supports displaying and editing the value of a SpinnerDateModel with a JFormattedTextField. [**JSpinner.DefaultEditor**](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A simple base class for more specialized editors that displays a read-only view of the model's current value with a JFormattedTextField.[**JSpinner.DefaultEditor(JSpinner)**](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html#JSpinner.DefaultEditor(javax.swing.JSpinner)) - Constructor for class javax.swing.[JSpinner.DefaultEditor](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html) Constructs an editor component for the specified JSpinner. [**JSpinner.ListEditor**](http://docs.google.com/javax/swing/JSpinner.ListEditor.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An editor for a JSpinner whose model is a SpinnerListModel.[**JSpinner.ListEditor(JSpinner)**](http://docs.google.com/javax/swing/JSpinner.ListEditor.html#JSpinner.ListEditor(javax.swing.JSpinner)) - Constructor for class javax.swing.[JSpinner.ListEditor](http://docs.google.com/javax/swing/JSpinner.ListEditor.html) Construct a JSpinner editor that supports displaying and editing the value of a SpinnerListModel with a JFormattedTextField. [**JSpinner.NumberEditor**](http://docs.google.com/javax/swing/JSpinner.NumberEditor.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An editor for a JSpinner whose model is a SpinnerNumberModel.[**JSpinner.NumberEditor(JSpinner)**](http://docs.google.com/javax/swing/JSpinner.NumberEditor.html#JSpinner.NumberEditor(javax.swing.JSpinner)) - Constructor for class javax.swing.[JSpinner.NumberEditor](http://docs.google.com/javax/swing/JSpinner.NumberEditor.html) Construct a JSpinner editor that supports displaying and editing the value of a SpinnerNumberModel with a JFormattedTextField. [**JSpinner.NumberEditor(JSpinner, String)**](http://docs.google.com/javax/swing/JSpinner.NumberEditor.html#JSpinner.NumberEditor(javax.swing.JSpinner,%20java.lang.String)) - Constructor for class javax.swing.[JSpinner.NumberEditor](http://docs.google.com/javax/swing/JSpinner.NumberEditor.html) Construct a JSpinner editor that supports displaying and editing the value of a SpinnerNumberModel with a JFormattedTextField. [**JSplitPane**](http://docs.google.com/javax/swing/JSplitPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JSplitPane is used to divide two (and only two) Components.[**JSplitPane()**](http://docs.google.com/javax/swing/JSplitPane.html#JSplitPane()) - Constructor for class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Creates a new JSplitPane configured to arrange the child components side-by-side horizontally with no continuous layout, using two buttons for the components. [**JSplitPane(int)**](http://docs.google.com/javax/swing/JSplitPane.html#JSplitPane(int)) - Constructor for class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Creates a new JSplitPane configured with the specified orientation and no continuous layout. [**JSplitPane(int, boolean)**](http://docs.google.com/javax/swing/JSplitPane.html#JSplitPane(int,%20boolean)) - Constructor for class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Creates a new JSplitPane with the specified orientation and redrawing style. [**JSplitPane(int, Component, Component)**](http://docs.google.com/javax/swing/JSplitPane.html#JSplitPane(int,%20java.awt.Component,%20java.awt.Component)) - Constructor for class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Creates a new JSplitPane with the specified orientation and with the specified components that do not do continuous redrawing. [**JSplitPane(int, boolean, Component, Component)**](http://docs.google.com/javax/swing/JSplitPane.html#JSplitPane(int,%20boolean,%20java.awt.Component,%20java.awt.Component)) - Constructor for class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Creates a new JSplitPane with the specified orientation and redrawing style, and with the specified components. [**JSplitPane.AccessibleJSplitPane**](http://docs.google.com/javax/swing/JSplitPane.AccessibleJSplitPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JSplitPane class.[**JSplitPane.AccessibleJSplitPane()**](http://docs.google.com/javax/swing/JSplitPane.AccessibleJSplitPane.html#JSplitPane.AccessibleJSplitPane()) - Constructor for class javax.swing.[JSplitPane.AccessibleJSplitPane](http://docs.google.com/javax/swing/JSplitPane.AccessibleJSplitPane.html)   [**JTabbedPane**](http://docs.google.com/javax/swing/JTabbedPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A component that lets the user switch between a group of components by clicking on a tab with a given title and/or icon.[**JTabbedPane()**](http://docs.google.com/javax/swing/JTabbedPane.html#JTabbedPane()) - Constructor for class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Creates an empty TabbedPane with a default tab placement of JTabbedPane.TOP. [**JTabbedPane(int)**](http://docs.google.com/javax/swing/JTabbedPane.html#JTabbedPane(int)) - Constructor for class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Creates an empty TabbedPane with the specified tab placement of either: JTabbedPane.TOP, JTabbedPane.BOTTOM, JTabbedPane.LEFT, or JTabbedPane.RIGHT. [**JTabbedPane(int, int)**](http://docs.google.com/javax/swing/JTabbedPane.html#JTabbedPane(int,%20int)) - Constructor for class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Creates an empty TabbedPane with the specified tab placement and tab layout policy. [**JTabbedPane.AccessibleJTabbedPane**](http://docs.google.com/javax/swing/JTabbedPane.AccessibleJTabbedPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JTabbedPane class.[**JTabbedPane.AccessibleJTabbedPane()**](http://docs.google.com/javax/swing/JTabbedPane.AccessibleJTabbedPane.html#JTabbedPane.AccessibleJTabbedPane()) - Constructor for class javax.swing.[JTabbedPane.AccessibleJTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.AccessibleJTabbedPane.html) Constructs an AccessibleJTabbedPane [**JTabbedPane.ModelListener**](http://docs.google.com/javax/swing/JTabbedPane.ModelListener.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)We pass ModelChanged events along to the listeners with the tabbedpane (instead of the model itself) as the event source.[**JTabbedPane.ModelListener()**](http://docs.google.com/javax/swing/JTabbedPane.ModelListener.html#JTabbedPane.ModelListener()) - Constructor for class javax.swing.[JTabbedPane.ModelListener](http://docs.google.com/javax/swing/JTabbedPane.ModelListener.html)   [**JTable**](http://docs.google.com/javax/swing/JTable.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The JTable is used to display and edit regular two-dimensional tables of cells.[**JTable()**](http://docs.google.com/javax/swing/JTable.html#JTable()) - Constructor for class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Constructs a default JTable that is initialized with a default data model, a default column model, and a default selection model. [**JTable(TableModel)**](http://docs.google.com/javax/swing/JTable.html#JTable(javax.swing.table.TableModel)) - Constructor for class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Constructs a JTable that is initialized with dm as the data model, a default column model, and a default selection model. [**JTable(TableModel, TableColumnModel)**](http://docs.google.com/javax/swing/JTable.html#JTable(javax.swing.table.TableModel,%20javax.swing.table.TableColumnModel)) - Constructor for class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Constructs a JTable that is initialized with dm as the data model, cm as the column model, and a default selection model. [**JTable(TableModel, TableColumnModel, ListSelectionModel)**](http://docs.google.com/javax/swing/JTable.html#JTable(javax.swing.table.TableModel,%20javax.swing.table.TableColumnModel,%20javax.swing.ListSelectionModel)) - Constructor for class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Constructs a JTable that is initialized with dm as the data model, cm as the column model, and sm as the selection model. [**JTable(int, int)**](http://docs.google.com/javax/swing/JTable.html#JTable(int,%20int)) - Constructor for class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Constructs a JTable with numRows and numColumns of empty cells using DefaultTableModel. [**JTable(Vector, Vector)**](http://docs.google.com/javax/swing/JTable.html#JTable(java.util.Vector,%20java.util.Vector)) - Constructor for class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Constructs a JTable to display the values in the Vector of Vectors, rowData, with column names, columnNames. [**JTable(Object[][], Object[])**](http://docs.google.com/javax/swing/JTable.html#JTable(java.lang.Object%5B%5D%5B%5D,%20java.lang.Object%5B%5D)) - Constructor for class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Constructs a JTable to display the values in the two dimensional array, rowData, with column names, columnNames. [**JTable.AccessibleJTable**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JTable class.[**JTable.AccessibleJTable()**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#JTable.AccessibleJTable()) - Constructor for class javax.swing.[JTable.AccessibleJTable](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html) AccessibleJTable constructor [**JTable.AccessibleJTable.AccessibleJTableCell**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The class provides an implementation of the Java Accessibility API appropriate to table cells.[**JTable.AccessibleJTable.AccessibleJTableCell(JTable, int, int, int)**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#JTable.AccessibleJTable.AccessibleJTableCell(javax.swing.JTable,%20int,%20int,%20int)) - Constructor for class javax.swing.[JTable.AccessibleJTable.AccessibleJTableCell](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html) Constructs an AccessibleJTableHeaderEntry. [**JTable.AccessibleJTable.AccessibleJTableModelChange**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableModelChange.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) [**JTable.AccessibleJTable.AccessibleJTableModelChange(int, int, int, int, int)**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableModelChange.html#JTable.AccessibleJTable.AccessibleJTableModelChange(int,%20int,%20int,%20int,%20int)) - Constructor for class javax.swing.[JTable.AccessibleJTable.AccessibleJTableModelChange](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableModelChange.html)   [**JTable.DropLocation**](http://docs.google.com/javax/swing/JTable.DropLocation.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A subclass of TransferHandler.DropLocation representing a drop location for a JTable.[**JTable.PrintMode**](http://docs.google.com/javax/swing/JTable.PrintMode.html) - Enum in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Printing modes, used in printing JTables.[**JTableHeader**](http://docs.google.com/javax/swing/table/JTableHeader.html) - Class in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html)This is the object which manages the header of the JTable.[**JTableHeader()**](http://docs.google.com/javax/swing/table/JTableHeader.html#JTableHeader()) - Constructor for class javax.swing.table.[JTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.html) Constructs a JTableHeader with a default TableColumnModel. [**JTableHeader(TableColumnModel)**](http://docs.google.com/javax/swing/table/JTableHeader.html#JTableHeader(javax.swing.table.TableColumnModel)) - Constructor for class javax.swing.table.[JTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.html) Constructs a JTableHeader which is initialized with cm as the column model. [**JTableHeader.AccessibleJTableHeader**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.html) - Class in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html)This class implements accessibility support for the JTableHeader class.[**JTableHeader.AccessibleJTableHeader()**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.html#JTableHeader.AccessibleJTableHeader()) - Constructor for class javax.swing.table.[JTableHeader.AccessibleJTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.html)   [**JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html) - Class in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html)This class provides an implementation of the Java Accessibility API appropropriate for JTableHeader entries.[**JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry(int, JTableHeader, JTable)**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry(int,%20javax.swing.table.JTableHeader,%20javax.swing.JTable)) - Constructor for class javax.swing.table.[JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html) Constructs an AccessiblJTableHeaaderEntry [**JTextArea**](http://docs.google.com/javax/swing/JTextArea.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A JTextArea is a multi-line area that displays plain text.[**JTextArea()**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea()) - Constructor for class javax.swing.[JTextArea](http://docs.google.com/javax/swing/JTextArea.html) Constructs a new TextArea. [**JTextArea(String)**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea(java.lang.String)) - Constructor for class javax.swing.[JTextArea](http://docs.google.com/javax/swing/JTextArea.html) Constructs a new TextArea with the specified text displayed. [**JTextArea(int, int)**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea(int,%20int)) - Constructor for class javax.swing.[JTextArea](http://docs.google.com/javax/swing/JTextArea.html) Constructs a new empty TextArea with the specified number of rows and columns. [**JTextArea(String, int, int)**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea(java.lang.String,%20int,%20int)) - Constructor for class javax.swing.[JTextArea](http://docs.google.com/javax/swing/JTextArea.html) Constructs a new TextArea with the specified text and number of rows and columns. [**JTextArea(Document)**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea(javax.swing.text.Document)) - Constructor for class javax.swing.[JTextArea](http://docs.google.com/javax/swing/JTextArea.html) Constructs a new JTextArea with the given document model, and defaults for all of the other arguments (null, 0, 0). [**JTextArea(Document, String, int, int)**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea(javax.swing.text.Document,%20java.lang.String,%20int,%20int)) - Constructor for class javax.swing.[JTextArea](http://docs.google.com/javax/swing/JTextArea.html) Constructs a new JTextArea with the specified number of rows and columns, and the given model. [**JTextArea.AccessibleJTextArea**](http://docs.google.com/javax/swing/JTextArea.AccessibleJTextArea.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JTextArea class.[**JTextArea.AccessibleJTextArea()**](http://docs.google.com/javax/swing/JTextArea.AccessibleJTextArea.html#JTextArea.AccessibleJTextArea()) - Constructor for class javax.swing.[JTextArea.AccessibleJTextArea](http://docs.google.com/javax/swing/JTextArea.AccessibleJTextArea.html)   [**JTextComponent**](http://docs.google.com/javax/swing/text/JTextComponent.html) - Class in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html)JTextComponent is the base class for swing text components.[**JTextComponent()**](http://docs.google.com/javax/swing/text/JTextComponent.html#JTextComponent()) - Constructor for class javax.swing.text.[JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) Creates a new JTextComponent. [**JTextComponent.AccessibleJTextComponent**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html) - Class in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html)This class implements accessibility support for the JTextComponent class.[**JTextComponent.AccessibleJTextComponent()**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#JTextComponent.AccessibleJTextComponent()) - Constructor for class javax.swing.text.[JTextComponent.AccessibleJTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html) Constructs an AccessibleJTextComponent. [**JTextComponent.DropLocation**](http://docs.google.com/javax/swing/text/JTextComponent.DropLocation.html) - Class in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html)Represents a drop location for JTextComponents.[**JTextComponent.KeyBinding**](http://docs.google.com/javax/swing/text/JTextComponent.KeyBinding.html) - Class in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html)Binding record for creating key bindings.[**JTextComponent.KeyBinding(KeyStroke, String)**](http://docs.google.com/javax/swing/text/JTextComponent.KeyBinding.html#JTextComponent.KeyBinding(javax.swing.KeyStroke,%20java.lang.String)) - Constructor for class javax.swing.text.[JTextComponent.KeyBinding](http://docs.google.com/javax/swing/text/JTextComponent.KeyBinding.html) Creates a new key binding. [**JTextField**](http://docs.google.com/javax/swing/JTextField.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JTextField is a lightweight component that allows the editing of a single line of text.[**JTextField()**](http://docs.google.com/javax/swing/JTextField.html#JTextField()) - Constructor for class javax.swing.[JTextField](http://docs.google.com/javax/swing/JTextField.html) Constructs a new TextField. [**JTextField(String)**](http://docs.google.com/javax/swing/JTextField.html#JTextField(java.lang.String)) - Constructor for class javax.swing.[JTextField](http://docs.google.com/javax/swing/JTextField.html) Constructs a new TextField initialized with the specified text. [**JTextField(int)**](http://docs.google.com/javax/swing/JTextField.html#JTextField(int)) - Constructor for class javax.swing.[JTextField](http://docs.google.com/javax/swing/JTextField.html) Constructs a new empty TextField with the specified number of columns. [**JTextField(String, int)**](http://docs.google.com/javax/swing/JTextField.html#JTextField(java.lang.String,%20int)) - Constructor for class javax.swing.[JTextField](http://docs.google.com/javax/swing/JTextField.html) Constructs a new TextField initialized with the specified text and columns. [**JTextField(Document, String, int)**](http://docs.google.com/javax/swing/JTextField.html#JTextField(javax.swing.text.Document,%20java.lang.String,%20int)) - Constructor for class javax.swing.[JTextField](http://docs.google.com/javax/swing/JTextField.html) Constructs a new JTextField that uses the given text storage model and the given number of columns. [**JTextField.AccessibleJTextField**](http://docs.google.com/javax/swing/JTextField.AccessibleJTextField.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JTextField class.[**JTextField.AccessibleJTextField()**](http://docs.google.com/javax/swing/JTextField.AccessibleJTextField.html#JTextField.AccessibleJTextField()) - Constructor for class javax.swing.[JTextField.AccessibleJTextField](http://docs.google.com/javax/swing/JTextField.AccessibleJTextField.html)   [**JTextPane**](http://docs.google.com/javax/swing/JTextPane.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A text component that can be marked up with attributes that are represented graphically.[**JTextPane()**](http://docs.google.com/javax/swing/JTextPane.html#JTextPane()) - Constructor for class javax.swing.[JTextPane](http://docs.google.com/javax/swing/JTextPane.html) Creates a new JTextPane. [**JTextPane(StyledDocument)**](http://docs.google.com/javax/swing/JTextPane.html#JTextPane(javax.swing.text.StyledDocument)) - Constructor for class javax.swing.[JTextPane](http://docs.google.com/javax/swing/JTextPane.html) Creates a new JTextPane, with a specified document model. [**JToggleButton**](http://docs.google.com/javax/swing/JToggleButton.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An implementation of a two-state button.[**JToggleButton()**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton()) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates an initially unselected toggle button without setting the text or image. [**JToggleButton(Icon)**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(javax.swing.Icon)) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates an initially unselected toggle button with the specified image but no text. [**JToggleButton(Icon, boolean)**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates a toggle button with the specified image and selection state, but no text. [**JToggleButton(String)**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(java.lang.String)) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates an unselected toggle button with the specified text. [**JToggleButton(String, boolean)**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(java.lang.String,%20boolean)) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates a toggle button with the specified text and selection state. [**JToggleButton(Action)**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(javax.swing.Action)) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates a toggle button where properties are taken from the Action supplied. [**JToggleButton(String, Icon)**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(java.lang.String,%20javax.swing.Icon)) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates a toggle button that has the specified text and image, and that is initially unselected. [**JToggleButton(String, Icon, boolean)**](http://docs.google.com/javax/swing/JToggleButton.html#JToggleButton(java.lang.String,%20javax.swing.Icon,%20boolean)) - Constructor for class javax.swing.[JToggleButton](http://docs.google.com/javax/swing/JToggleButton.html) Creates a toggle button with the specified text, image, and selection state. [**JToggleButton.AccessibleJToggleButton**](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JToggleButton class.[**JToggleButton.AccessibleJToggleButton()**](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.html#JToggleButton.AccessibleJToggleButton()) - Constructor for class javax.swing.[JToggleButton.AccessibleJToggleButton](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.html)   [**JToggleButton.ToggleButtonModel**](http://docs.google.com/javax/swing/JToggleButton.ToggleButtonModel.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The ToggleButton model[**JToggleButton.ToggleButtonModel()**](http://docs.google.com/javax/swing/JToggleButton.ToggleButtonModel.html#JToggleButton.ToggleButtonModel()) - Constructor for class javax.swing.[JToggleButton.ToggleButtonModel](http://docs.google.com/javax/swing/JToggleButton.ToggleButtonModel.html) Creates a new ToggleButton Model [**JToolBar**](http://docs.google.com/javax/swing/JToolBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)JToolBar provides a component that is useful for displaying commonly used Actions or controls.[**JToolBar()**](http://docs.google.com/javax/swing/JToolBar.html#JToolBar()) - Constructor for class javax.swing.[JToolBar](http://docs.google.com/javax/swing/JToolBar.html) Creates a new tool bar; orientation defaults to HORIZONTAL. [**JToolBar(int)**](http://docs.google.com/javax/swing/JToolBar.html#JToolBar(int)) - Constructor for class javax.swing.[JToolBar](http://docs.google.com/javax/swing/JToolBar.html) Creates a new tool bar with the specified orientation. [**JToolBar(String)**](http://docs.google.com/javax/swing/JToolBar.html#JToolBar(java.lang.String)) - Constructor for class javax.swing.[JToolBar](http://docs.google.com/javax/swing/JToolBar.html) Creates a new tool bar with the specified name. [**JToolBar(String, int)**](http://docs.google.com/javax/swing/JToolBar.html#JToolBar(java.lang.String,%20int)) - Constructor for class javax.swing.[JToolBar](http://docs.google.com/javax/swing/JToolBar.html) Creates a new tool bar with a specified name and orientation. [**JToolBar.AccessibleJToolBar**](http://docs.google.com/javax/swing/JToolBar.AccessibleJToolBar.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JToolBar class.[**JToolBar.AccessibleJToolBar()**](http://docs.google.com/javax/swing/JToolBar.AccessibleJToolBar.html#JToolBar.AccessibleJToolBar()) - Constructor for class javax.swing.[JToolBar.AccessibleJToolBar](http://docs.google.com/javax/swing/JToolBar.AccessibleJToolBar.html)   [**JToolBar.Separator**](http://docs.google.com/javax/swing/JToolBar.Separator.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A toolbar-specific separator.[**JToolBar.Separator()**](http://docs.google.com/javax/swing/JToolBar.Separator.html#JToolBar.Separator()) - Constructor for class javax.swing.[JToolBar.Separator](http://docs.google.com/javax/swing/JToolBar.Separator.html) Creates a new toolbar separator with the default size as defined by the current look and feel. [**JToolBar.Separator(Dimension)**](http://docs.google.com/javax/swing/JToolBar.Separator.html#JToolBar.Separator(java.awt.Dimension)) - Constructor for class javax.swing.[JToolBar.Separator](http://docs.google.com/javax/swing/JToolBar.Separator.html) Creates a new toolbar separator with the specified size. [**JToolTip**](http://docs.google.com/javax/swing/JToolTip.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Used to display a "Tip" for a Component.[**JToolTip()**](http://docs.google.com/javax/swing/JToolTip.html#JToolTip()) - Constructor for class javax.swing.[JToolTip](http://docs.google.com/javax/swing/JToolTip.html) Creates a tool tip. [**JToolTip.AccessibleJToolTip**](http://docs.google.com/javax/swing/JToolTip.AccessibleJToolTip.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JToolTip class.[**JToolTip.AccessibleJToolTip()**](http://docs.google.com/javax/swing/JToolTip.AccessibleJToolTip.html#JToolTip.AccessibleJToolTip()) - Constructor for class javax.swing.[JToolTip.AccessibleJToolTip](http://docs.google.com/javax/swing/JToolTip.AccessibleJToolTip.html)   [**JTree**](http://docs.google.com/javax/swing/JTree.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) A control that displays a set of hierarchical data as an outline.[**JTree()**](http://docs.google.com/javax/swing/JTree.html#JTree()) - Constructor for class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Returns a JTree with a sample model. [**JTree(Object[])**](http://docs.google.com/javax/swing/JTree.html#JTree(java.lang.Object%5B%5D)) - Constructor for class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Returns a JTree with each element of the specified array as the child of a new root node which is not displayed. [**JTree(Vector<?>)**](http://docs.google.com/javax/swing/JTree.html#JTree(java.util.Vector)) - Constructor for class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Returns a JTree with each element of the specified Vector as the child of a new root node which is not displayed. [**JTree(Hashtable<?, ?>)**](http://docs.google.com/javax/swing/JTree.html#JTree(java.util.Hashtable)) - Constructor for class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Returns a JTree created from a Hashtable which does not display with root. [**JTree(TreeNode)**](http://docs.google.com/javax/swing/JTree.html#JTree(javax.swing.tree.TreeNode)) - Constructor for class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Returns a JTree with the specified TreeNode as its root, which displays the root node. [**JTree(TreeNode, boolean)**](http://docs.google.com/javax/swing/JTree.html#JTree(javax.swing.tree.TreeNode,%20boolean)) - Constructor for class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Returns a JTree with the specified TreeNode as its root, which displays the root node and which decides whether a node is a leaf node in the specified manner. [**JTree(TreeModel)**](http://docs.google.com/javax/swing/JTree.html#JTree(javax.swing.tree.TreeModel)) - Constructor for class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Returns an instance of JTree which displays the root node -- the tree is created using the specified data model. [**JTree.AccessibleJTree**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JTree class.[**JTree.AccessibleJTree()**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html#JTree.AccessibleJTree()) - Constructor for class javax.swing.[JTree.AccessibleJTree](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html)   [**JTree.AccessibleJTree.AccessibleJTreeNode**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JTree child.[**JTree.AccessibleJTree.AccessibleJTreeNode(JTree, TreePath, Accessible)**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#JTree.AccessibleJTree.AccessibleJTreeNode(javax.swing.JTree,%20javax.swing.tree.TreePath,%20javax.accessibility.Accessible)) - Constructor for class javax.swing.[JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html) Constructs an AccessibleJTreeNode [**JTree.DropLocation**](http://docs.google.com/javax/swing/JTree.DropLocation.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A subclass of TransferHandler.DropLocation representing a drop location for a JTree.[**JTree.DynamicUtilTreeNode**](http://docs.google.com/javax/swing/JTree.DynamicUtilTreeNode.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)DynamicUtilTreeNode can wrap vectors/hashtables/arrays/strings and create the appropriate children tree nodes as necessary.[**JTree.DynamicUtilTreeNode(Object, Object)**](http://docs.google.com/javax/swing/JTree.DynamicUtilTreeNode.html#JTree.DynamicUtilTreeNode(java.lang.Object,%20java.lang.Object)) - Constructor for class javax.swing.[JTree.DynamicUtilTreeNode](http://docs.google.com/javax/swing/JTree.DynamicUtilTreeNode.html) Creates a node with the specified object as its value and with the specified children. [**JTree.EmptySelectionModel**](http://docs.google.com/javax/swing/JTree.EmptySelectionModel.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)EmptySelectionModel is a TreeSelectionModel that does not allow anything to be selected.[**JTree.EmptySelectionModel()**](http://docs.google.com/javax/swing/JTree.EmptySelectionModel.html#JTree.EmptySelectionModel()) - Constructor for class javax.swing.[JTree.EmptySelectionModel](http://docs.google.com/javax/swing/JTree.EmptySelectionModel.html)   [**JTree.TreeModelHandler**](http://docs.google.com/javax/swing/JTree.TreeModelHandler.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Listens to the model and updates the expandedState accordingly when nodes are removed, or changed.[**JTree.TreeModelHandler()**](http://docs.google.com/javax/swing/JTree.TreeModelHandler.html#JTree.TreeModelHandler()) - Constructor for class javax.swing.[JTree.TreeModelHandler](http://docs.google.com/javax/swing/JTree.TreeModelHandler.html)   [**JTree.TreeSelectionRedirector**](http://docs.google.com/javax/swing/JTree.TreeSelectionRedirector.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Handles creating a new TreeSelectionEvent with the JTree as the source and passing it off to all the listeners.[**JTree.TreeSelectionRedirector()**](http://docs.google.com/javax/swing/JTree.TreeSelectionRedirector.html#JTree.TreeSelectionRedirector()) - Constructor for class javax.swing.[JTree.TreeSelectionRedirector](http://docs.google.com/javax/swing/JTree.TreeSelectionRedirector.html)   [**JULY**](http://docs.google.com/java/util/Calendar.html#JULY) - Static variable in class java.util.[Calendar](http://docs.google.com/java/util/Calendar.html) Value of the [Calendar.MONTH](http://docs.google.com/java/util/Calendar.html#MONTH) field indicating the seventh month of the year in the Gregorian and Julian calendars. [**JULY**](http://docs.google.com/javax/xml/datatype/DatatypeConstants.html#JULY) - Static variable in class javax.xml.datatype.[DatatypeConstants](http://docs.google.com/javax/xml/datatype/DatatypeConstants.html) Value for seventh month of year. [**JUNE**](http://docs.google.com/java/util/Calendar.html#JUNE) - Static variable in class java.util.[Calendar](http://docs.google.com/java/util/Calendar.html) Value of the [Calendar.MONTH](http://docs.google.com/java/util/Calendar.html#MONTH) field indicating the sixth month of the year in the Gregorian and Julian calendars. [**JUNE**](http://docs.google.com/javax/xml/datatype/DatatypeConstants.html#JUNE) - Static variable in class javax.xml.datatype.[DatatypeConstants](http://docs.google.com/javax/xml/datatype/DatatypeConstants.html) Value for sixth month of year. [**JUSTIFICATION**](http://docs.google.com/java/awt/font/TextAttribute.html#JUSTIFICATION) - Static variable in class java.awt.font.[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) Attribute key for the justification of a paragraph. [**JUSTIFICATION\_FULL**](http://docs.google.com/java/awt/font/TextAttribute.html#JUSTIFICATION_FULL) - Static variable in class java.awt.font.[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) Justify the line to the full requested width. [**JUSTIFICATION\_NONE**](http://docs.google.com/java/awt/font/TextAttribute.html#JUSTIFICATION_NONE) - Static variable in class java.awt.font.[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) Do not allow the line to be justified. [**JViewport**](http://docs.google.com/javax/swing/JViewport.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)The "viewport" or "porthole" through which you see the underlying information.[**JViewport()**](http://docs.google.com/javax/swing/JViewport.html#JViewport()) - Constructor for class javax.swing.[JViewport](http://docs.google.com/javax/swing/JViewport.html) Creates a JViewport. [**JViewport.AccessibleJViewport**](http://docs.google.com/javax/swing/JViewport.AccessibleJViewport.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JViewport class.[**JViewport.AccessibleJViewport()**](http://docs.google.com/javax/swing/JViewport.AccessibleJViewport.html#JViewport.AccessibleJViewport()) - Constructor for class javax.swing.[JViewport.AccessibleJViewport](http://docs.google.com/javax/swing/JViewport.AccessibleJViewport.html)   [**JViewport.ViewListener**](http://docs.google.com/javax/swing/JViewport.ViewListener.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A listener for the view.[**JViewport.ViewListener()**](http://docs.google.com/javax/swing/JViewport.ViewListener.html#JViewport.ViewListener()) - Constructor for class javax.swing.[JViewport.ViewListener](http://docs.google.com/javax/swing/JViewport.ViewListener.html)   [**JWindow**](http://docs.google.com/javax/swing/JWindow.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)A JWindow is a container that can be displayed anywhere on the user's desktop.[**JWindow()**](http://docs.google.com/javax/swing/JWindow.html#JWindow()) - Constructor for class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) Creates a window with no specified owner. [**JWindow(GraphicsConfiguration)**](http://docs.google.com/javax/swing/JWindow.html#JWindow(java.awt.GraphicsConfiguration)) - Constructor for class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) Creates a window with the specified GraphicsConfiguration of a screen device. [**JWindow(Frame)**](http://docs.google.com/javax/swing/JWindow.html#JWindow(java.awt.Frame)) - Constructor for class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) Creates a window with the specified owner frame. [**JWindow(Window)**](http://docs.google.com/javax/swing/JWindow.html#JWindow(java.awt.Window)) - Constructor for class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) Creates a window with the specified owner window. [**JWindow(Window, GraphicsConfiguration)**](http://docs.google.com/javax/swing/JWindow.html#JWindow(java.awt.Window,%20java.awt.GraphicsConfiguration)) - Constructor for class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) Creates a window with the specified owner window and GraphicsConfiguration of a screen device. [**JWindow.AccessibleJWindow**](http://docs.google.com/javax/swing/JWindow.AccessibleJWindow.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class implements accessibility support for the JWindow class.[**JWindow.AccessibleJWindow()**](http://docs.google.com/javax/swing/JWindow.AccessibleJWindow.html#JWindow.AccessibleJWindow()) - Constructor for class javax.swing.[JWindow.AccessibleJWindow](http://docs.google.com/javax/swing/JWindow.AccessibleJWindow.html)  

| | [**Overview**](http://docs.google.com/overview-summary.html) | Package | Class | Use | [**Tree**](http://docs.google.com/overview-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | **Index** | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV LETTER**](http://docs.google.com/index-9.html)   [**NEXT LETTER**](http://docs.google.com/index-11.html) | [**FRAMES**](http://docs.google.com/index.html?index-filesindex-10.html)    [**NO FRAMES**](http://docs.google.com/index-10.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[A](http://docs.google.com/index-1.html) [B](http://docs.google.com/index-2.html) [C](http://docs.google.com/index-3.html) [D](http://docs.google.com/index-4.html) [E](http://docs.google.com/index-5.html) [F](http://docs.google.com/index-6.html) [G](http://docs.google.com/index-7.html) [H](http://docs.google.com/index-8.html) [I](http://docs.google.com/index-9.html) [J](http://docs.google.com/index-10.html) [K](http://docs.google.com/index-11.html) [L](http://docs.google.com/index-12.html) [M](http://docs.google.com/index-13.html) [N](http://docs.google.com/index-14.html) [O](http://docs.google.com/index-15.html) [P](http://docs.google.com/index-16.html) [Q](http://docs.google.com/index-17.html) [R](http://docs.google.com/index-18.html) [S](http://docs.google.com/index-19.html) [T](http://docs.google.com/index-20.html) [U](http://docs.google.com/index-21.html) [V](http://docs.google.com/index-22.html) [W](http://docs.google.com/index-23.html) [X](http://docs.google.com/index-24.html) [Y](http://docs.google.com/index-25.html) [Z](http://docs.google.com/index-26.html) [\_](http://docs.google.com/index-27.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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