| | [**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-17.html)   [**NEXT LETTER**](http://docs.google.com/index-19.html) | [**FRAMES**](http://docs.google.com/index.html?index-filesindex-18.html)    [**NO FRAMES**](http://docs.google.com/index-18.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)

## **R**

[**RadialGradientPaint**](http://docs.google.com/java/awt/RadialGradientPaint.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)The RadialGradientPaint class provides a way to fill a shape with a circular radial color gradient pattern.[**RadialGradientPaint(float, float, float, float[], Color[])**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(float,%20float,%20float,%20float%5B%5D,%20java.awt.Color%5B%5D)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint with a default NO\_CYCLE repeating method and SRGB color space, using the center as the focus point. [**RadialGradientPaint(Point2D, float, float[], Color[])**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(java.awt.geom.Point2D,%20float,%20float%5B%5D,%20java.awt.Color%5B%5D)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint with a default NO\_CYCLE repeating method and SRGB color space, using the center as the focus point. [**RadialGradientPaint(float, float, float, float[], Color[], MultipleGradientPaint.CycleMethod)**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(float,%20float,%20float,%20float%5B%5D,%20java.awt.Color%5B%5D,%20java.awt.MultipleGradientPaint.CycleMethod)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint with a default SRGB color space, using the center as the focus point. [**RadialGradientPaint(Point2D, float, float[], Color[], MultipleGradientPaint.CycleMethod)**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(java.awt.geom.Point2D,%20float,%20float%5B%5D,%20java.awt.Color%5B%5D,%20java.awt.MultipleGradientPaint.CycleMethod)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint with a default SRGB color space, using the center as the focus point. [**RadialGradientPaint(float, float, float, float, float, float[], Color[], MultipleGradientPaint.CycleMethod)**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(float,%20float,%20float,%20float,%20float,%20float%5B%5D,%20java.awt.Color%5B%5D,%20java.awt.MultipleGradientPaint.CycleMethod)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint with a default SRGB color space. [**RadialGradientPaint(Point2D, float, Point2D, float[], Color[], MultipleGradientPaint.CycleMethod)**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(java.awt.geom.Point2D,%20float,%20java.awt.geom.Point2D,%20float%5B%5D,%20java.awt.Color%5B%5D,%20java.awt.MultipleGradientPaint.CycleMethod)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint with a default SRGB color space. [**RadialGradientPaint(Point2D, float, Point2D, float[], Color[], MultipleGradientPaint.CycleMethod, MultipleGradientPaint.ColorSpaceType, AffineTransform)**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(java.awt.geom.Point2D,%20float,%20java.awt.geom.Point2D,%20float%5B%5D,%20java.awt.Color%5B%5D,%20java.awt.MultipleGradientPaint.CycleMethod,%20java.awt.MultipleGradientPaint.ColorSpaceType,%20java.awt.geom.AffineTransform)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint. [**RadialGradientPaint(Rectangle2D, float[], Color[], MultipleGradientPaint.CycleMethod)**](http://docs.google.com/java/awt/RadialGradientPaint.html#RadialGradientPaint(java.awt.geom.Rectangle2D,%20float%5B%5D,%20java.awt.Color%5B%5D,%20java.awt.MultipleGradientPaint.CycleMethod)) - Constructor for class java.awt.[RadialGradientPaint](http://docs.google.com/java/awt/RadialGradientPaint.html) Constructs a RadialGradientPaint with a default SRGB color space. [**RADIO\_BUTTON**](http://docs.google.com/javax/accessibility/AccessibleRole.html#RADIO_BUTTON) - Static variable in class javax.accessibility.[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) A specialized check box that will cause other radio buttons in the same group to become unchecked when this one is checked. [**RADIO\_BUTTON**](http://docs.google.com/javax/swing/plaf/synth/Region.html#RADIO_BUTTON) - Static variable in class javax.swing.plaf.synth.[Region](http://docs.google.com/javax/swing/plaf/synth/Region.html) RadioButton region. [**RADIO\_BUTTON\_MENU\_ITEM**](http://docs.google.com/javax/swing/plaf/synth/Region.html#RADIO_BUTTON_MENU_ITEM) - Static variable in class javax.swing.plaf.synth.[Region](http://docs.google.com/javax/swing/plaf/synth/Region.html) RegionButtonMenuItem region. [**radix()**](http://docs.google.com/java/util/Scanner.html#radix()) - Method in class java.util.[Scanner](http://docs.google.com/java/util/Scanner.html) Returns this scanner's default radix. [**RAISED**](http://docs.google.com/javax/swing/border/BevelBorder.html#RAISED) - Static variable in class javax.swing.border.[BevelBorder](http://docs.google.com/javax/swing/border/BevelBorder.html) Raised bevel type. [**RAISED**](http://docs.google.com/javax/swing/border/EtchedBorder.html#RAISED) - Static variable in class javax.swing.border.[EtchedBorder](http://docs.google.com/javax/swing/border/EtchedBorder.html) Raised etched type. [**random()**](http://docs.google.com/java/lang/Math.html#random()) - Static method in class java.lang.[Math](http://docs.google.com/java/lang/Math.html) Returns a double value with a positive sign, greater than or equal to 0.0 and less than 1.0. [**random()**](http://docs.google.com/java/lang/StrictMath.html#random()) - Static method in class java.lang.[StrictMath](http://docs.google.com/java/lang/StrictMath.html) Returns a double value with a positive sign, greater than or equal to 0.0 and less than 1.0. [**Random**](http://docs.google.com/java/util/Random.html) - Class in [java.util](http://docs.google.com/java/util/package-summary.html)An instance of this class is used to generate a stream of pseudorandom numbers.[**Random()**](http://docs.google.com/java/util/Random.html#Random()) - Constructor for class java.util.[Random](http://docs.google.com/java/util/Random.html) Creates a new random number generator. [**Random(long)**](http://docs.google.com/java/util/Random.html#Random(long)) - Constructor for class java.util.[Random](http://docs.google.com/java/util/Random.html) Creates a new random number generator using a single long seed. [**RandomAccess**](http://docs.google.com/java/util/RandomAccess.html) - Interface in [java.util](http://docs.google.com/java/util/package-summary.html)Marker interface used by List implementations to indicate that they support fast (generally constant time) random access.[**RandomAccessFile**](http://docs.google.com/java/io/RandomAccessFile.html) - Class in [java.io](http://docs.google.com/java/io/package-summary.html)Instances of this class support both reading and writing to a random access file.[**RandomAccessFile(String, String)**](http://docs.google.com/java/io/RandomAccessFile.html#RandomAccessFile(java.lang.String,%20java.lang.String)) - Constructor for class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Creates a random access file stream to read from, and optionally to write to, a file with the specified name. [**RandomAccessFile(File, String)**](http://docs.google.com/java/io/RandomAccessFile.html#RandomAccessFile(java.io.File,%20java.lang.String)) - Constructor for class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Creates a random access file stream to read from, and optionally to write to, the file specified by the [File](http://docs.google.com/java/io/File.html) argument. [**RANDOMPIXELORDER**](http://docs.google.com/java/awt/image/ImageConsumer.html#RANDOMPIXELORDER) - Static variable in interface java.awt.image.[ImageConsumer](http://docs.google.com/java/awt/image/ImageConsumer.html) The pixels will be delivered in a random order. [**randomUUID()**](http://docs.google.com/java/util/UUID.html#randomUUID()) - Static method in class java.util.[UUID](http://docs.google.com/java/util/UUID.html) Static factory to retrieve a type 4 (pseudo randomly generated) UUID. [**RANGE**](http://docs.google.com/java/awt/JobAttributes.DefaultSelectionType.html#RANGE) - Static variable in class java.awt.[JobAttributes.DefaultSelectionType](http://docs.google.com/java/awt/JobAttributes.DefaultSelectionType.html) The DefaultSelectionType instance to use for specifying that a range of pages of the job should be printed. [**range(E, E)**](http://docs.google.com/java/util/EnumSet.html#range(E,%20E)) - Static method in class java.util.[EnumSet](http://docs.google.com/java/util/EnumSet.html) Creates an enum set initially containing all of the elements in the range defined by the two specified endpoints. [**Raster**](http://docs.google.com/java/awt/image/Raster.html) - Class in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html)A class representing a rectangular array of pixels.[**Raster(SampleModel, Point)**](http://docs.google.com/java/awt/image/Raster.html#Raster(java.awt.image.SampleModel,%20java.awt.Point)) - Constructor for class java.awt.image.[Raster](http://docs.google.com/java/awt/image/Raster.html) Constructs a Raster with the given SampleModel. [**Raster(SampleModel, DataBuffer, Point)**](http://docs.google.com/java/awt/image/Raster.html#Raster(java.awt.image.SampleModel,%20java.awt.image.DataBuffer,%20java.awt.Point)) - Constructor for class java.awt.image.[Raster](http://docs.google.com/java/awt/image/Raster.html) Constructs a Raster with the given SampleModel and DataBuffer. [**Raster(SampleModel, DataBuffer, Rectangle, Point, Raster)**](http://docs.google.com/java/awt/image/Raster.html#Raster(java.awt.image.SampleModel,%20java.awt.image.DataBuffer,%20java.awt.Rectangle,%20java.awt.Point,%20java.awt.image.Raster)) - Constructor for class java.awt.image.[Raster](http://docs.google.com/java/awt/image/Raster.html) Constructs a Raster with the given SampleModel, DataBuffer, and parent. [**raster**](http://docs.google.com/javax/imageio/IIOImage.html#raster) - Variable in class javax.imageio.[IIOImage](http://docs.google.com/javax/imageio/IIOImage.html) The Raster being referenced. [**RasterFormatException**](http://docs.google.com/java/awt/image/RasterFormatException.html) - Exception in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html)The RasterFormatException is thrown if there is invalid layout information in the [Raster](http://docs.google.com/java/awt/image/Raster.html).[**RasterFormatException(String)**](http://docs.google.com/java/awt/image/RasterFormatException.html#RasterFormatException(java.lang.String)) - Constructor for exception java.awt.image.[RasterFormatException](http://docs.google.com/java/awt/image/RasterFormatException.html) Constructs a new RasterFormatException with the specified message. [**RasterOp**](http://docs.google.com/java/awt/image/RasterOp.html) - Interface in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html)This interface describes single-input/single-output operations performed on Raster objects.[**RAW\_SEND\_SIZE**](http://docs.google.com/javax/security/sasl/Sasl.html#RAW_SEND_SIZE) - Static variable in class javax.security.sasl.[Sasl](http://docs.google.com/javax/security/sasl/Sasl.html) The name of a property that specifies the maximum size of the raw send buffer in bytes of SaslClient/SaslServer. [**RAW\_TEXT**](http://docs.google.com/java/awt/im/InputMethodHighlight.html#RAW_TEXT) - Static variable in class java.awt.im.[InputMethodHighlight](http://docs.google.com/java/awt/im/InputMethodHighlight.html) Constant for the raw text state. [**RAW\_X509\_CERTIFICATE\_TYPE**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/X509Data.html#RAW_X509_CERTIFICATE_TYPE) - Static variable in interface javax.xml.crypto.dsig.keyinfo.[X509Data](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/X509Data.html) URI identifying the binary (ASN.1 DER) X.509 Certificate KeyInfo type: http://www.w3.org/2000/09/xmldsig#rawX509Certificate. [**RC2ParameterSpec**](http://docs.google.com/javax/crypto/spec/RC2ParameterSpec.html) - Class in [javax.crypto.spec](http://docs.google.com/javax/crypto/spec/package-summary.html)This class specifies the parameters used with the [*RC2*](http://www.ietf.org/rfc/rfc2268.txt) algorithm.[**RC2ParameterSpec(int)**](http://docs.google.com/javax/crypto/spec/RC2ParameterSpec.html#RC2ParameterSpec(int)) - Constructor for class javax.crypto.spec.[RC2ParameterSpec](http://docs.google.com/javax/crypto/spec/RC2ParameterSpec.html) Constructs a parameter set for RC2 from the given effective key size (in bits). [**RC2ParameterSpec(int, byte[])**](http://docs.google.com/javax/crypto/spec/RC2ParameterSpec.html#RC2ParameterSpec(int,%20byte%5B%5D)) - Constructor for class javax.crypto.spec.[RC2ParameterSpec](http://docs.google.com/javax/crypto/spec/RC2ParameterSpec.html) Constructs a parameter set for RC2 from the given effective key size (in bits) and an 8-byte IV. [**RC2ParameterSpec(int, byte[], int)**](http://docs.google.com/javax/crypto/spec/RC2ParameterSpec.html#RC2ParameterSpec(int,%20byte%5B%5D,%20int)) - Constructor for class javax.crypto.spec.[RC2ParameterSpec](http://docs.google.com/javax/crypto/spec/RC2ParameterSpec.html) Constructs a parameter set for RC2 from the given effective key size (in bits) and IV. [**RC5ParameterSpec**](http://docs.google.com/javax/crypto/spec/RC5ParameterSpec.html) - Class in [javax.crypto.spec](http://docs.google.com/javax/crypto/spec/package-summary.html)This class specifies the parameters used with the [*RC5*](http://www.ietf.org/rfc/rfc2040.txt) algorithm.[**RC5ParameterSpec(int, int, int)**](http://docs.google.com/javax/crypto/spec/RC5ParameterSpec.html#RC5ParameterSpec(int,%20int,%20int)) - Constructor for class javax.crypto.spec.[RC5ParameterSpec](http://docs.google.com/javax/crypto/spec/RC5ParameterSpec.html) Constructs a parameter set for RC5 from the given version, number of rounds and word size (in bits). [**RC5ParameterSpec(int, int, int, byte[])**](http://docs.google.com/javax/crypto/spec/RC5ParameterSpec.html#RC5ParameterSpec(int,%20int,%20int,%20byte%5B%5D)) - Constructor for class javax.crypto.spec.[RC5ParameterSpec](http://docs.google.com/javax/crypto/spec/RC5ParameterSpec.html) Constructs a parameter set for RC5 from the given version, number of rounds, word size (in bits), and IV. [**RC5ParameterSpec(int, int, int, byte[], int)**](http://docs.google.com/javax/crypto/spec/RC5ParameterSpec.html#RC5ParameterSpec(int,%20int,%20int,%20byte%5B%5D,%20int)) - Constructor for class javax.crypto.spec.[RC5ParameterSpec](http://docs.google.com/javax/crypto/spec/RC5ParameterSpec.html) Constructs a parameter set for RC5 from the given version, number of rounds, word size (in bits), and IV. [**RCDATA**](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#RCDATA) - Static variable in interface javax.swing.text.html.parser.[DTDConstants](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html)   [**RCSID**](http://docs.google.com/javax/swing/undo/StateEdit.html#RCSID) - Static variable in class javax.swing.undo.[StateEdit](http://docs.google.com/javax/swing/undo/StateEdit.html)   [**RCSID**](http://docs.google.com/javax/swing/undo/StateEditable.html#RCSID) - Static variable in interface javax.swing.undo.[StateEditable](http://docs.google.com/javax/swing/undo/StateEditable.html) Resource ID for this class. [**Rdn**](http://docs.google.com/javax/naming/ldap/Rdn.html) - Class in [javax.naming.ldap](http://docs.google.com/javax/naming/ldap/package-summary.html)This class represents a relative distinguished name, or RDN, which is a component of a distinguished name as specified by [RFC 2253](http://ietf.org/rfc/rfc2253.txt).[**Rdn(Attributes)**](http://docs.google.com/javax/naming/ldap/Rdn.html#Rdn(javax.naming.directory.Attributes)) - Constructor for class javax.naming.ldap.[Rdn](http://docs.google.com/javax/naming/ldap/Rdn.html) Constructs an Rdn from the given attribute set. [**Rdn(String)**](http://docs.google.com/javax/naming/ldap/Rdn.html#Rdn(java.lang.String)) - Constructor for class javax.naming.ldap.[Rdn](http://docs.google.com/javax/naming/ldap/Rdn.html) Constructs an Rdn from the given string. [**Rdn(Rdn)**](http://docs.google.com/javax/naming/ldap/Rdn.html#Rdn(javax.naming.ldap.Rdn)) - Constructor for class javax.naming.ldap.[Rdn](http://docs.google.com/javax/naming/ldap/Rdn.html) Constructs an Rdn from the given rdn. [**Rdn(String, Object)**](http://docs.google.com/javax/naming/ldap/Rdn.html#Rdn(java.lang.String,%20java.lang.Object)) - Constructor for class javax.naming.ldap.[Rdn](http://docs.google.com/javax/naming/ldap/Rdn.html) Constructs an Rdn from the given attribute type and value. [**read()**](http://docs.google.com/java/io/BufferedInputStream.html#read()) - Method in class java.io.[BufferedInputStream](http://docs.google.com/java/io/BufferedInputStream.html) See the general contract of the read method of InputStream. [**read(byte[], int, int)**](http://docs.google.com/java/io/BufferedInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[BufferedInputStream](http://docs.google.com/java/io/BufferedInputStream.html) Reads bytes from this byte-input stream into the specified byte array, starting at the given offset. [**read()**](http://docs.google.com/java/io/BufferedReader.html#read()) - Method in class java.io.[BufferedReader](http://docs.google.com/java/io/BufferedReader.html) Reads a single character. [**read(char[], int, int)**](http://docs.google.com/java/io/BufferedReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[BufferedReader](http://docs.google.com/java/io/BufferedReader.html) Reads characters into a portion of an array. [**read()**](http://docs.google.com/java/io/ByteArrayInputStream.html#read()) - Method in class java.io.[ByteArrayInputStream](http://docs.google.com/java/io/ByteArrayInputStream.html) Reads the next byte of data from this input stream. [**read(byte[], int, int)**](http://docs.google.com/java/io/ByteArrayInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[ByteArrayInputStream](http://docs.google.com/java/io/ByteArrayInputStream.html) Reads up to len bytes of data into an array of bytes from this input stream. [**read()**](http://docs.google.com/java/io/CharArrayReader.html#read()) - Method in class java.io.[CharArrayReader](http://docs.google.com/java/io/CharArrayReader.html) Reads a single character. [**read(char[], int, int)**](http://docs.google.com/java/io/CharArrayReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[CharArrayReader](http://docs.google.com/java/io/CharArrayReader.html) Reads characters into a portion of an array. [**read(byte[])**](http://docs.google.com/java/io/DataInputStream.html#read(byte%5B%5D)) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) Reads some number of bytes from the contained input stream and stores them into the buffer array b. [**read(byte[], int, int)**](http://docs.google.com/java/io/DataInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) Reads up to len bytes of data from the contained input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/FileInputStream.html#read()) - Method in class java.io.[FileInputStream](http://docs.google.com/java/io/FileInputStream.html) Reads a byte of data from this input stream. [**read(byte[])**](http://docs.google.com/java/io/FileInputStream.html#read(byte%5B%5D)) - Method in class java.io.[FileInputStream](http://docs.google.com/java/io/FileInputStream.html) Reads up to b.length bytes of data from this input stream into an array of bytes. [**read(byte[], int, int)**](http://docs.google.com/java/io/FileInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[FileInputStream](http://docs.google.com/java/io/FileInputStream.html) Reads up to len bytes of data from this input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/FilterInputStream.html#read()) - Method in class java.io.[FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) Reads the next byte of data from this input stream. [**read(byte[])**](http://docs.google.com/java/io/FilterInputStream.html#read(byte%5B%5D)) - Method in class java.io.[FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) Reads up to byte.length bytes of data from this input stream into an array of bytes. [**read(byte[], int, int)**](http://docs.google.com/java/io/FilterInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) Reads up to len bytes of data from this input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/FilterReader.html#read()) - Method in class java.io.[FilterReader](http://docs.google.com/java/io/FilterReader.html) Reads a single character. [**read(char[], int, int)**](http://docs.google.com/java/io/FilterReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[FilterReader](http://docs.google.com/java/io/FilterReader.html) Reads characters into a portion of an array. [**read()**](http://docs.google.com/java/io/InputStream.html#read()) - Method in class java.io.[InputStream](http://docs.google.com/java/io/InputStream.html) Reads the next byte of data from the input stream. [**read(byte[])**](http://docs.google.com/java/io/InputStream.html#read(byte%5B%5D)) - Method in class java.io.[InputStream](http://docs.google.com/java/io/InputStream.html) Reads some number of bytes from the input stream and stores them into the buffer array b. [**read(byte[], int, int)**](http://docs.google.com/java/io/InputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[InputStream](http://docs.google.com/java/io/InputStream.html) Reads up to len bytes of data from the input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/InputStreamReader.html#read()) - Method in class java.io.[InputStreamReader](http://docs.google.com/java/io/InputStreamReader.html) Reads a single character. [**read(char[], int, int)**](http://docs.google.com/java/io/InputStreamReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[InputStreamReader](http://docs.google.com/java/io/InputStreamReader.html) Reads characters into a portion of an array. [**read()**](http://docs.google.com/java/io/LineNumberInputStream.html#read()) - Method in class java.io.[LineNumberInputStream](http://docs.google.com/java/io/LineNumberInputStream.html) **Deprecated.** Reads the next byte of data from this input stream. [**read(byte[], int, int)**](http://docs.google.com/java/io/LineNumberInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[LineNumberInputStream](http://docs.google.com/java/io/LineNumberInputStream.html) **Deprecated.** Reads up to len bytes of data from this input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/LineNumberReader.html#read()) - Method in class java.io.[LineNumberReader](http://docs.google.com/java/io/LineNumberReader.html) Read a single character. [**read(char[], int, int)**](http://docs.google.com/java/io/LineNumberReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[LineNumberReader](http://docs.google.com/java/io/LineNumberReader.html) Read characters into a portion of an array. [**read()**](http://docs.google.com/java/io/ObjectInput.html#read()) - Method in interface java.io.[ObjectInput](http://docs.google.com/java/io/ObjectInput.html) Reads a byte of data. [**read(byte[])**](http://docs.google.com/java/io/ObjectInput.html#read(byte%5B%5D)) - Method in interface java.io.[ObjectInput](http://docs.google.com/java/io/ObjectInput.html) Reads into an array of bytes. [**read(byte[], int, int)**](http://docs.google.com/java/io/ObjectInput.html#read(byte%5B%5D,%20int,%20int)) - Method in interface java.io.[ObjectInput](http://docs.google.com/java/io/ObjectInput.html) Reads into an array of bytes. [**read()**](http://docs.google.com/java/io/ObjectInputStream.html#read()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a byte of data. [**read(byte[], int, int)**](http://docs.google.com/java/io/ObjectInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads into an array of bytes. [**read()**](http://docs.google.com/java/io/PipedInputStream.html#read()) - Method in class java.io.[PipedInputStream](http://docs.google.com/java/io/PipedInputStream.html) Reads the next byte of data from this piped input stream. [**read(byte[], int, int)**](http://docs.google.com/java/io/PipedInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[PipedInputStream](http://docs.google.com/java/io/PipedInputStream.html) Reads up to len bytes of data from this piped input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/PipedReader.html#read()) - Method in class java.io.[PipedReader](http://docs.google.com/java/io/PipedReader.html) Reads the next character of data from this piped stream. [**read(char[], int, int)**](http://docs.google.com/java/io/PipedReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[PipedReader](http://docs.google.com/java/io/PipedReader.html) Reads up to len characters of data from this piped stream into an array of characters. [**read()**](http://docs.google.com/java/io/PushbackInputStream.html#read()) - Method in class java.io.[PushbackInputStream](http://docs.google.com/java/io/PushbackInputStream.html) Reads the next byte of data from this input stream. [**read(byte[], int, int)**](http://docs.google.com/java/io/PushbackInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[PushbackInputStream](http://docs.google.com/java/io/PushbackInputStream.html) Reads up to len bytes of data from this input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/PushbackReader.html#read()) - Method in class java.io.[PushbackReader](http://docs.google.com/java/io/PushbackReader.html) Reads a single character. [**read(char[], int, int)**](http://docs.google.com/java/io/PushbackReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[PushbackReader](http://docs.google.com/java/io/PushbackReader.html) Reads characters into a portion of an array. [**read()**](http://docs.google.com/java/io/RandomAccessFile.html#read()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a byte of data from this file. [**read(byte[], int, int)**](http://docs.google.com/java/io/RandomAccessFile.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads up to len bytes of data from this file into an array of bytes. [**read(byte[])**](http://docs.google.com/java/io/RandomAccessFile.html#read(byte%5B%5D)) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads up to b.length bytes of data from this file into an array of bytes. [**read(CharBuffer)**](http://docs.google.com/java/io/Reader.html#read(java.nio.CharBuffer)) - Method in class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Attempts to read characters into the specified character buffer. [**read()**](http://docs.google.com/java/io/Reader.html#read()) - Method in class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Reads a single character. [**read(char[])**](http://docs.google.com/java/io/Reader.html#read(char%5B%5D)) - Method in class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Reads characters into an array. [**read(char[], int, int)**](http://docs.google.com/java/io/Reader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Reads characters into a portion of an array. [**read()**](http://docs.google.com/java/io/SequenceInputStream.html#read()) - Method in class java.io.[SequenceInputStream](http://docs.google.com/java/io/SequenceInputStream.html) Reads the next byte of data from this input stream. [**read(byte[], int, int)**](http://docs.google.com/java/io/SequenceInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[SequenceInputStream](http://docs.google.com/java/io/SequenceInputStream.html) Reads up to len bytes of data from this input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/StringBufferInputStream.html#read()) - Method in class java.io.[StringBufferInputStream](http://docs.google.com/java/io/StringBufferInputStream.html) **Deprecated.** Reads the next byte of data from this input stream. [**read(byte[], int, int)**](http://docs.google.com/java/io/StringBufferInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.io.[StringBufferInputStream](http://docs.google.com/java/io/StringBufferInputStream.html) **Deprecated.** Reads up to len bytes of data from this input stream into an array of bytes. [**read()**](http://docs.google.com/java/io/StringReader.html#read()) - Method in class java.io.[StringReader](http://docs.google.com/java/io/StringReader.html) Reads a single character. [**read(char[], int, int)**](http://docs.google.com/java/io/StringReader.html#read(char%5B%5D,%20int,%20int)) - Method in class java.io.[StringReader](http://docs.google.com/java/io/StringReader.html) Reads characters into a portion of an array. [**read(CharBuffer)**](http://docs.google.com/java/lang/Readable.html#read(java.nio.CharBuffer)) - Method in interface java.lang.[Readable](http://docs.google.com/java/lang/Readable.html) Attempts to read characters into the specified character buffer. [**read(ByteBuffer)**](http://docs.google.com/java/nio/channels/DatagramChannel.html#read(java.nio.ByteBuffer)) - Method in class java.nio.channels.[DatagramChannel](http://docs.google.com/java/nio/channels/DatagramChannel.html) Reads a datagram from this channel. [**read(ByteBuffer[], int, int)**](http://docs.google.com/java/nio/channels/DatagramChannel.html#read(java.nio.ByteBuffer%5B%5D,%20int,%20int)) - Method in class java.nio.channels.[DatagramChannel](http://docs.google.com/java/nio/channels/DatagramChannel.html) Reads a datagram from this channel. [**read(ByteBuffer[])**](http://docs.google.com/java/nio/channels/DatagramChannel.html#read(java.nio.ByteBuffer%5B%5D)) - Method in class java.nio.channels.[DatagramChannel](http://docs.google.com/java/nio/channels/DatagramChannel.html) Reads a datagram from this channel. [**read(ByteBuffer)**](http://docs.google.com/java/nio/channels/FileChannel.html#read(java.nio.ByteBuffer)) - Method in class java.nio.channels.[FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) Reads a sequence of bytes from this channel into the given buffer. [**read(ByteBuffer[], int, int)**](http://docs.google.com/java/nio/channels/FileChannel.html#read(java.nio.ByteBuffer%5B%5D,%20int,%20int)) - Method in class java.nio.channels.[FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) Reads a sequence of bytes from this channel into a subsequence of the given buffers. [**read(ByteBuffer[])**](http://docs.google.com/java/nio/channels/FileChannel.html#read(java.nio.ByteBuffer%5B%5D)) - Method in class java.nio.channels.[FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) Reads a sequence of bytes from this channel into the given buffers. [**read(ByteBuffer, long)**](http://docs.google.com/java/nio/channels/FileChannel.html#read(java.nio.ByteBuffer,%20long)) - Method in class java.nio.channels.[FileChannel](http://docs.google.com/java/nio/channels/FileChannel.html) Reads a sequence of bytes from this channel into the given buffer, starting at the given file position. [**read(ByteBuffer)**](http://docs.google.com/java/nio/channels/ReadableByteChannel.html#read(java.nio.ByteBuffer)) - Method in interface java.nio.channels.[ReadableByteChannel](http://docs.google.com/java/nio/channels/ReadableByteChannel.html) Reads a sequence of bytes from this channel into the given buffer. [**read(ByteBuffer[], int, int)**](http://docs.google.com/java/nio/channels/ScatteringByteChannel.html#read(java.nio.ByteBuffer%5B%5D,%20int,%20int)) - Method in interface java.nio.channels.[ScatteringByteChannel](http://docs.google.com/java/nio/channels/ScatteringByteChannel.html) Reads a sequence of bytes from this channel into a subsequence of the given buffers. [**read(ByteBuffer[])**](http://docs.google.com/java/nio/channels/ScatteringByteChannel.html#read(java.nio.ByteBuffer%5B%5D)) - Method in interface java.nio.channels.[ScatteringByteChannel](http://docs.google.com/java/nio/channels/ScatteringByteChannel.html) Reads a sequence of bytes from this channel into the given buffers. [**read(ByteBuffer)**](http://docs.google.com/java/nio/channels/SocketChannel.html#read(java.nio.ByteBuffer)) - Method in class java.nio.channels.[SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html)   [**read(ByteBuffer[], int, int)**](http://docs.google.com/java/nio/channels/SocketChannel.html#read(java.nio.ByteBuffer%5B%5D,%20int,%20int)) - Method in class java.nio.channels.[SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html)   [**read(ByteBuffer[])**](http://docs.google.com/java/nio/channels/SocketChannel.html#read(java.nio.ByteBuffer%5B%5D)) - Method in class java.nio.channels.[SocketChannel](http://docs.google.com/java/nio/channels/SocketChannel.html)   [**read(CharBuffer)**](http://docs.google.com/java/nio/CharBuffer.html#read(java.nio.CharBuffer)) - Method in class java.nio.[CharBuffer](http://docs.google.com/java/nio/CharBuffer.html) Attempts to read characters into the specified character buffer. [**read(ObjectInput)**](http://docs.google.com/java/rmi/server/ObjID.html#read(java.io.ObjectInput)) - Static method in class java.rmi.server.[ObjID](http://docs.google.com/java/rmi/server/ObjID.html) Constructs and returns a new ObjID instance by unmarshalling a binary representation from an ObjectInput instance. [**read(DataInput)**](http://docs.google.com/java/rmi/server/UID.html#read(java.io.DataInput)) - Static method in class java.rmi.server.[UID](http://docs.google.com/java/rmi/server/UID.html) Constructs and returns a new UID instance by unmarshalling a binary representation from an DataInput instance. [**read()**](http://docs.google.com/java/security/DigestInputStream.html#read()) - Method in class java.security.[DigestInputStream](http://docs.google.com/java/security/DigestInputStream.html) Reads a byte, and updates the message digest (if the digest function is on). [**read(byte[], int, int)**](http://docs.google.com/java/security/DigestInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.security.[DigestInputStream](http://docs.google.com/java/security/DigestInputStream.html) Reads into a byte array, and updates the message digest (if the digest function is on). [**read(byte[], int, int)**](http://docs.google.com/java/util/jar/JarInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.util.jar.[JarInputStream](http://docs.google.com/java/util/jar/JarInputStream.html) Reads from the current JAR file entry into an array of bytes. [**read(InputStream)**](http://docs.google.com/java/util/jar/Manifest.html#read(java.io.InputStream)) - Method in class java.util.jar.[Manifest](http://docs.google.com/java/util/jar/Manifest.html) Reads the Manifest from the specified InputStream. [**read()**](http://docs.google.com/java/util/zip/CheckedInputStream.html#read()) - Method in class java.util.zip.[CheckedInputStream](http://docs.google.com/java/util/zip/CheckedInputStream.html) Reads a byte. [**read(byte[], int, int)**](http://docs.google.com/java/util/zip/CheckedInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.util.zip.[CheckedInputStream](http://docs.google.com/java/util/zip/CheckedInputStream.html) Reads into an array of bytes. [**read()**](http://docs.google.com/java/util/zip/DeflaterInputStream.html#read()) - Method in class java.util.zip.[DeflaterInputStream](http://docs.google.com/java/util/zip/DeflaterInputStream.html) Reads a single byte of compressed data from the input stream. [**read(byte[], int, int)**](http://docs.google.com/java/util/zip/DeflaterInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.util.zip.[DeflaterInputStream](http://docs.google.com/java/util/zip/DeflaterInputStream.html) Reads compressed data into a byte array. [**read(byte[], int, int)**](http://docs.google.com/java/util/zip/GZIPInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.util.zip.[GZIPInputStream](http://docs.google.com/java/util/zip/GZIPInputStream.html) Reads uncompressed data into an array of bytes. [**read()**](http://docs.google.com/java/util/zip/InflaterInputStream.html#read()) - Method in class java.util.zip.[InflaterInputStream](http://docs.google.com/java/util/zip/InflaterInputStream.html) Reads a byte of uncompressed data. [**read(byte[], int, int)**](http://docs.google.com/java/util/zip/InflaterInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.util.zip.[InflaterInputStream](http://docs.google.com/java/util/zip/InflaterInputStream.html) Reads uncompressed data into an array of bytes. [**read(byte[], int, int)**](http://docs.google.com/java/util/zip/ZipInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class java.util.zip.[ZipInputStream](http://docs.google.com/java/util/zip/ZipInputStream.html) Reads from the current ZIP entry into an array of bytes. [**read()**](http://docs.google.com/javax/crypto/CipherInputStream.html#read()) - Method in class javax.crypto.[CipherInputStream](http://docs.google.com/javax/crypto/CipherInputStream.html) Reads the next byte of data from this input stream. [**read(byte[])**](http://docs.google.com/javax/crypto/CipherInputStream.html#read(byte%5B%5D)) - Method in class javax.crypto.[CipherInputStream](http://docs.google.com/javax/crypto/CipherInputStream.html) Reads up to b.length bytes of data from this input stream into an array of bytes. [**read(byte[], int, int)**](http://docs.google.com/javax/crypto/CipherInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.crypto.[CipherInputStream](http://docs.google.com/javax/crypto/CipherInputStream.html) Reads up to len bytes of data from this input stream into an array of bytes. [**read(File)**](http://docs.google.com/javax/imageio/ImageIO.html#read(java.io.File)) - Static method in class javax.imageio.[ImageIO](http://docs.google.com/javax/imageio/ImageIO.html) Returns a BufferedImage as the result of decoding a supplied File with an ImageReader chosen automatically from among those currently registered. [**read(InputStream)**](http://docs.google.com/javax/imageio/ImageIO.html#read(java.io.InputStream)) - Static method in class javax.imageio.[ImageIO](http://docs.google.com/javax/imageio/ImageIO.html) Returns a BufferedImage as the result of decoding a supplied InputStream with an ImageReader chosen automatically from among those currently registered. [**read(URL)**](http://docs.google.com/javax/imageio/ImageIO.html#read(java.net.URL)) - Static method in class javax.imageio.[ImageIO](http://docs.google.com/javax/imageio/ImageIO.html) Returns a BufferedImage as the result of decoding a supplied URL with an ImageReader chosen automatically from among those currently registered. [**read(ImageInputStream)**](http://docs.google.com/javax/imageio/ImageIO.html#read(javax.imageio.stream.ImageInputStream)) - Static method in class javax.imageio.[ImageIO](http://docs.google.com/javax/imageio/ImageIO.html) Returns a BufferedImage as the result of decoding a supplied ImageInputStream with an ImageReader chosen automatically from among those currently registered. [**read(int)**](http://docs.google.com/javax/imageio/ImageReader.html#read(int)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Reads the image indexed by imageIndex and returns it as a complete BufferedImage, using a default ImageReadParam. [**read(int, ImageReadParam)**](http://docs.google.com/javax/imageio/ImageReader.html#read(int,%20javax.imageio.ImageReadParam)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Reads the image indexed by imageIndex and returns it as a complete BufferedImage, using a supplied ImageReadParam. [**read()**](http://docs.google.com/javax/imageio/stream/FileCacheImageInputStream.html#read()) - Method in class javax.imageio.stream.[FileCacheImageInputStream](http://docs.google.com/javax/imageio/stream/FileCacheImageInputStream.html)   [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/FileCacheImageInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[FileCacheImageInputStream](http://docs.google.com/javax/imageio/stream/FileCacheImageInputStream.html)   [**read()**](http://docs.google.com/javax/imageio/stream/FileCacheImageOutputStream.html#read()) - Method in class javax.imageio.stream.[FileCacheImageOutputStream](http://docs.google.com/javax/imageio/stream/FileCacheImageOutputStream.html)   [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/FileCacheImageOutputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[FileCacheImageOutputStream](http://docs.google.com/javax/imageio/stream/FileCacheImageOutputStream.html)   [**read()**](http://docs.google.com/javax/imageio/stream/FileImageInputStream.html#read()) - Method in class javax.imageio.stream.[FileImageInputStream](http://docs.google.com/javax/imageio/stream/FileImageInputStream.html)   [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/FileImageInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[FileImageInputStream](http://docs.google.com/javax/imageio/stream/FileImageInputStream.html)   [**read()**](http://docs.google.com/javax/imageio/stream/FileImageOutputStream.html#read()) - Method in class javax.imageio.stream.[FileImageOutputStream](http://docs.google.com/javax/imageio/stream/FileImageOutputStream.html)   [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/FileImageOutputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[FileImageOutputStream](http://docs.google.com/javax/imageio/stream/FileImageOutputStream.html)   [**read()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#read()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads a single byte from the stream and returns it as an integer between 0 and 255. [**read(byte[])**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#read(byte%5B%5D)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads up to b.length bytes from the stream, and stores them into b starting at index 0. [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads up to len bytes from the stream, and stores them into b starting at index off. [**read()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#read()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html) Reads a single byte from the stream and returns it as an int between 0 and 255. [**read(byte[])**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#read(byte%5B%5D)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html) A convenience method that calls read(b, 0, b.length). [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html) Reads up to len bytes from the stream, and stores them into b starting at index off. [**read()**](http://docs.google.com/javax/imageio/stream/MemoryCacheImageInputStream.html#read()) - Method in class javax.imageio.stream.[MemoryCacheImageInputStream](http://docs.google.com/javax/imageio/stream/MemoryCacheImageInputStream.html)   [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/MemoryCacheImageInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[MemoryCacheImageInputStream](http://docs.google.com/javax/imageio/stream/MemoryCacheImageInputStream.html)   [**read()**](http://docs.google.com/javax/imageio/stream/MemoryCacheImageOutputStream.html#read()) - Method in class javax.imageio.stream.[MemoryCacheImageOutputStream](http://docs.google.com/javax/imageio/stream/MemoryCacheImageOutputStream.html)   [**read(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/MemoryCacheImageOutputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[MemoryCacheImageOutputStream](http://docs.google.com/javax/imageio/stream/MemoryCacheImageOutputStream.html)   [**read()**](http://docs.google.com/javax/sound/sampled/AudioInputStream.html#read()) - Method in class javax.sound.sampled.[AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) Reads the next byte of data from the audio input stream. [**read(byte[])**](http://docs.google.com/javax/sound/sampled/AudioInputStream.html#read(byte%5B%5D)) - Method in class javax.sound.sampled.[AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) Reads some number of bytes from the audio input stream and stores them into the buffer array b. [**read(byte[], int, int)**](http://docs.google.com/javax/sound/sampled/AudioInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.sound.sampled.[AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) Reads up to a specified maximum number of bytes of data from the audio stream, putting them into the given byte array. [**read(byte[], int, int)**](http://docs.google.com/javax/sound/sampled/TargetDataLine.html#read(byte%5B%5D,%20int,%20int)) - Method in interface javax.sound.sampled.[TargetDataLine](http://docs.google.com/javax/sound/sampled/TargetDataLine.html) Reads audio data from the data line's input buffer. [**read(InputStream, Object)**](http://docs.google.com/javax/swing/JEditorPane.html#read(java.io.InputStream,%20java.lang.Object)) - Method in class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) This method initializes from a stream. [**read()**](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html#read()) - Method in class javax.swing.[ProgressMonitorInputStream](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html) Overrides FilterInputStream.read to update the progress monitor after the read. [**read(byte[])**](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html#read(byte%5B%5D)) - Method in class javax.swing.[ProgressMonitorInputStream](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html) Overrides FilterInputStream.read to update the progress monitor after the read. [**read(byte[], int, int)**](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html#read(byte%5B%5D,%20int,%20int)) - Method in class javax.swing.[ProgressMonitorInputStream](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html) Overrides FilterInputStream.read to update the progress monitor after the read. [**read(InputStream, Document, int)**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int)) - Method in class javax.swing.text.[DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) Inserts content from the given stream which is expected to be in a format appropriate for this kind of content handler. [**read(Reader, Document, int)**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#read(java.io.Reader,%20javax.swing.text.Document,%20int)) - Method in class javax.swing.text.[DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) Inserts content from the given stream, which will be treated as plain text. [**read(InputStream, Document, int)**](http://docs.google.com/javax/swing/text/EditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int)) - Method in class javax.swing.text.[EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) Inserts content from the given stream which is expected to be in a format appropriate for this kind of content handler. [**read(Reader, Document, int)**](http://docs.google.com/javax/swing/text/EditorKit.html#read(java.io.Reader,%20javax.swing.text.Document,%20int)) - Method in class javax.swing.text.[EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) Inserts content from the given stream which is expected to be in a format appropriate for this kind of content handler. [**read(Reader, Document, int)**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html#read(java.io.Reader,%20javax.swing.text.Document,%20int)) - Method in class javax.swing.text.html.[HTMLEditorKit](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html) Inserts content from the given stream. [**read(DataInputStream)**](http://docs.google.com/javax/swing/text/html/parser/DTD.html#read(java.io.DataInputStream)) - Method in class javax.swing.text.html.parser.[DTD](http://docs.google.com/javax/swing/text/html/parser/DTD.html) Recreates a DTD from an archived format. [**read(Reader, Object)**](http://docs.google.com/javax/swing/text/JTextComponent.html#read(java.io.Reader,%20java.lang.Object)) - Method in class javax.swing.text.[JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) Initializes from a stream. [**read(InputStream, Document, int)**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int)) - Method in class javax.swing.text.rtf.[RTFEditorKit](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html) Insert content from the given stream which is expected to be in a format appropriate for this kind of content handler. [**read(Reader, Document, int)**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html#read(java.io.Reader,%20javax.swing.text.Document,%20int)) - Method in class javax.swing.text.rtf.[RTFEditorKit](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html) Insert content from the given stream, which will be treated as plain text. [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/AnySeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[AnySeqHelper](http://docs.google.com/org/omg/CORBA/AnySeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/BooleanSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[BooleanSeqHelper](http://docs.google.com/org/omg/CORBA/BooleanSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/CharSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[CharSeqHelper](http://docs.google.com/org/omg/CORBA/CharSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/CompletionStatusHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[CompletionStatusHelper](http://docs.google.com/org/omg/CORBA/CompletionStatusHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/CurrentHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[CurrentHelper](http://docs.google.com/org/omg/CORBA/CurrentHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/DefinitionKindHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[DefinitionKindHelper](http://docs.google.com/org/omg/CORBA/DefinitionKindHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/DoubleSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[DoubleSeqHelper](http://docs.google.com/org/omg/CORBA/DoubleSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/FieldNameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[FieldNameHelper](http://docs.google.com/org/omg/CORBA/FieldNameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/FloatSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[FloatSeqHelper](http://docs.google.com/org/omg/CORBA/FloatSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/IdentifierHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[IdentifierHelper](http://docs.google.com/org/omg/CORBA/IdentifierHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/IDLTypeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[IDLTypeHelper](http://docs.google.com/org/omg/CORBA/IDLTypeHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/LongLongSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[LongLongSeqHelper](http://docs.google.com/org/omg/CORBA/LongLongSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/LongSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[LongSeqHelper](http://docs.google.com/org/omg/CORBA/LongSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/NameValuePairHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[NameValuePairHelper](http://docs.google.com/org/omg/CORBA/NameValuePairHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ObjectHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ObjectHelper](http://docs.google.com/org/omg/CORBA/ObjectHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/OctetSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[OctetSeqHelper](http://docs.google.com/org/omg/CORBA/OctetSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ParameterModeHelper](http://docs.google.com/org/omg/CORBA/ParameterModeHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/PolicyErrorCodeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[PolicyErrorCodeHelper](http://docs.google.com/org/omg/CORBA/PolicyErrorCodeHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/PolicyErrorHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[PolicyErrorHelper](http://docs.google.com/org/omg/CORBA/PolicyErrorHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/PolicyHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[PolicyHelper](http://docs.google.com/org/omg/CORBA/PolicyHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/PolicyListHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[PolicyListHelper](http://docs.google.com/org/omg/CORBA/PolicyListHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/PolicyTypeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[PolicyTypeHelper](http://docs.google.com/org/omg/CORBA/PolicyTypeHelper.html)   [**read()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/RepositoryIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[RepositoryIdHelper](http://docs.google.com/org/omg/CORBA/RepositoryIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ServiceDetailHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ServiceDetailHelper](http://docs.google.com/org/omg/CORBA/ServiceDetailHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ServiceInformationHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ServiceInformationHelper](http://docs.google.com/org/omg/CORBA/ServiceInformationHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/SetOverrideTypeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[SetOverrideTypeHelper](http://docs.google.com/org/omg/CORBA/SetOverrideTypeHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ShortSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ShortSeqHelper](http://docs.google.com/org/omg/CORBA/ShortSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/StringSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[StringSeqHelper](http://docs.google.com/org/omg/CORBA/StringSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/StringValueHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[StringValueHelper](http://docs.google.com/org/omg/CORBA/StringValueHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/StructMemberHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[StructMemberHelper](http://docs.google.com/org/omg/CORBA/StructMemberHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ULongLongSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ULongLongSeqHelper](http://docs.google.com/org/omg/CORBA/ULongLongSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ULongSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ULongSeqHelper](http://docs.google.com/org/omg/CORBA/ULongSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/UnionMemberHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[UnionMemberHelper](http://docs.google.com/org/omg/CORBA/UnionMemberHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/UnknownUserExceptionHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[UnknownUserExceptionHelper](http://docs.google.com/org/omg/CORBA/UnknownUserExceptionHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/UShortSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[UShortSeqHelper](http://docs.google.com/org/omg/CORBA/UShortSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ValueBaseHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ValueBaseHelper](http://docs.google.com/org/omg/CORBA/ValueBaseHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/ValueMemberHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[ValueMemberHelper](http://docs.google.com/org/omg/CORBA/ValueMemberHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/VersionSpecHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[VersionSpecHelper](http://docs.google.com/org/omg/CORBA/VersionSpecHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/VisibilityHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[VisibilityHelper](http://docs.google.com/org/omg/CORBA/VisibilityHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/WCharSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[WCharSeqHelper](http://docs.google.com/org/omg/CORBA/WCharSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/WrongTransactionHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[WrongTransactionHelper](http://docs.google.com/org/omg/CORBA/WrongTransactionHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/WStringSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[WStringSeqHelper](http://docs.google.com/org/omg/CORBA/WStringSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CORBA/WStringValueHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CORBA.[WStringValueHelper](http://docs.google.com/org/omg/CORBA/WStringValueHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/BindingHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[BindingHelper](http://docs.google.com/org/omg/CosNaming/BindingHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/BindingIteratorHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[BindingIteratorHelper](http://docs.google.com/org/omg/CosNaming/BindingIteratorHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/BindingListHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[BindingListHelper](http://docs.google.com/org/omg/CosNaming/BindingListHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/BindingTypeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[BindingTypeHelper](http://docs.google.com/org/omg/CosNaming/BindingTypeHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/IstringHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[IstringHelper](http://docs.google.com/org/omg/CosNaming/IstringHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NameComponentHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[NameComponentHelper](http://docs.google.com/org/omg/CosNaming/NameComponentHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[NameHelper](http://docs.google.com/org/omg/CosNaming/NameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextExtHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[NamingContextExtHelper](http://docs.google.com/org/omg/CosNaming/NamingContextExtHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/AddressHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextExtPackage.[AddressHelper](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/AddressHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/InvalidAddressHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextExtPackage.[InvalidAddressHelper](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/InvalidAddressHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/StringNameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextExtPackage.[StringNameHelper](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/StringNameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/URLStringHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextExtPackage.[URLStringHelper](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/URLStringHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.[NamingContextHelper](http://docs.google.com/org/omg/CosNaming/NamingContextHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBoundHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextPackage.[AlreadyBoundHelper](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBoundHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceedHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextPackage.[CannotProceedHelper](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceedHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidNameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextPackage.[InvalidNameHelper](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidNameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotEmptyHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextPackage.[NotEmptyHelper](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotEmptyHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFoundHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextPackage.[NotFoundHelper](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFoundHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFoundReasonHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.CosNaming.NamingContextPackage.[NotFoundReasonHelper](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFoundReasonHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/AnySeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[AnySeqHelper](http://docs.google.com/org/omg/DynamicAny/AnySeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynAnyFactoryHelper](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryPackage/InconsistentTypeCodeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.DynAnyFactoryPackage.[InconsistentTypeCodeHelper](http://docs.google.com/org/omg/DynamicAny/DynAnyFactoryPackage/InconsistentTypeCodeHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynAnyHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynAnyHelper](http://docs.google.com/org/omg/DynamicAny/DynAnyHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/InvalidValueHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.DynAnyPackage.[InvalidValueHelper](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/InvalidValueHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/TypeMismatchHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.DynAnyPackage.[TypeMismatchHelper](http://docs.google.com/org/omg/DynamicAny/DynAnyPackage/TypeMismatchHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynAnySeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynAnySeqHelper](http://docs.google.com/org/omg/DynamicAny/DynAnySeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynArrayHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynArrayHelper](http://docs.google.com/org/omg/DynamicAny/DynArrayHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynEnumHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynEnumHelper](http://docs.google.com/org/omg/DynamicAny/DynEnumHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynFixedHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynFixedHelper](http://docs.google.com/org/omg/DynamicAny/DynFixedHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynSequenceHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynSequenceHelper](http://docs.google.com/org/omg/DynamicAny/DynSequenceHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynStructHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynStructHelper](http://docs.google.com/org/omg/DynamicAny/DynStructHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynUnionHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynUnionHelper](http://docs.google.com/org/omg/DynamicAny/DynUnionHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[DynValueHelper](http://docs.google.com/org/omg/DynamicAny/DynValueHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/FieldNameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[FieldNameHelper](http://docs.google.com/org/omg/DynamicAny/FieldNameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/NameDynAnyPairHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[NameDynAnyPairHelper](http://docs.google.com/org/omg/DynamicAny/NameDynAnyPairHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/NameDynAnyPairSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[NameDynAnyPairSeqHelper](http://docs.google.com/org/omg/DynamicAny/NameDynAnyPairSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/NameValuePairHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[NameValuePairHelper](http://docs.google.com/org/omg/DynamicAny/NameValuePairHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/DynamicAny/NameValuePairSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.DynamicAny.[NameValuePairSeqHelper](http://docs.google.com/org/omg/DynamicAny/NameValuePairSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/CodecFactoryHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[CodecFactoryHelper](http://docs.google.com/org/omg/IOP/CodecFactoryHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/CodecFactoryPackage/UnknownEncodingHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.CodecFactoryPackage.[UnknownEncodingHelper](http://docs.google.com/org/omg/IOP/CodecFactoryPackage/UnknownEncodingHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/CodecPackage/FormatMismatchHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.CodecPackage.[FormatMismatchHelper](http://docs.google.com/org/omg/IOP/CodecPackage/FormatMismatchHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/CodecPackage/InvalidTypeForEncodingHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.CodecPackage.[InvalidTypeForEncodingHelper](http://docs.google.com/org/omg/IOP/CodecPackage/InvalidTypeForEncodingHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/CodecPackage/TypeMismatchHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.CodecPackage.[TypeMismatchHelper](http://docs.google.com/org/omg/IOP/CodecPackage/TypeMismatchHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/ComponentIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[ComponentIdHelper](http://docs.google.com/org/omg/IOP/ComponentIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/IORHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[IORHelper](http://docs.google.com/org/omg/IOP/IORHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/MultipleComponentProfileHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[MultipleComponentProfileHelper](http://docs.google.com/org/omg/IOP/MultipleComponentProfileHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/ProfileIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[ProfileIdHelper](http://docs.google.com/org/omg/IOP/ProfileIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/ServiceContextHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[ServiceContextHelper](http://docs.google.com/org/omg/IOP/ServiceContextHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/ServiceContextListHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[ServiceContextListHelper](http://docs.google.com/org/omg/IOP/ServiceContextListHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/ServiceIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[ServiceIdHelper](http://docs.google.com/org/omg/IOP/ServiceIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/TaggedComponentHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[TaggedComponentHelper](http://docs.google.com/org/omg/IOP/TaggedComponentHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/IOP/TaggedProfileHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.IOP.[TaggedProfileHelper](http://docs.google.com/org/omg/IOP/TaggedProfileHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/Messaging/SyncScopeHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.Messaging.[SyncScopeHelper](http://docs.google.com/org/omg/Messaging/SyncScopeHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/AdapterManagerIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[AdapterManagerIdHelper](http://docs.google.com/org/omg/PortableInterceptor/AdapterManagerIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/AdapterNameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[AdapterNameHelper](http://docs.google.com/org/omg/PortableInterceptor/AdapterNameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/AdapterStateHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[AdapterStateHelper](http://docs.google.com/org/omg/PortableInterceptor/AdapterStateHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[CurrentHelper](http://docs.google.com/org/omg/PortableInterceptor/CurrentHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ForwardRequestHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[ForwardRequestHelper](http://docs.google.com/org/omg/PortableInterceptor/ForwardRequestHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/InvalidSlotHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[InvalidSlotHelper](http://docs.google.com/org/omg/PortableInterceptor/InvalidSlotHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/IORInterceptor_3_0Helper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[IORInterceptor\_3\_0Helper](http://docs.google.com/org/omg/PortableInterceptor/IORInterceptor_3_0Helper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ObjectIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[ObjectIdHelper](http://docs.google.com/org/omg/PortableInterceptor/ObjectIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceFactoryHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[ObjectReferenceFactoryHelper](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceFactoryHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceTemplateHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[ObjectReferenceTemplateHelper](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceTemplateHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceTemplateSeqHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[ObjectReferenceTemplateSeqHelper](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceTemplateSeqHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ORBIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[ORBIdHelper](http://docs.google.com/org/omg/PortableInterceptor/ORBIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoPackage/DuplicateNameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.ORBInitInfoPackage.[DuplicateNameHelper](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoPackage/DuplicateNameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoPackage/InvalidNameHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.ORBInitInfoPackage.[InvalidNameHelper](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoPackage/InvalidNameHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoPackage/ObjectIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.ORBInitInfoPackage.[ObjectIdHelper](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoPackage/ObjectIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableInterceptor/ServerIdHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableInterceptor.[ServerIdHelper](http://docs.google.com/org/omg/PortableInterceptor/ServerIdHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/CurrentHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.[CurrentHelper](http://docs.google.com/org/omg/PortableServer/CurrentHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/CurrentPackage/NoContextHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.CurrentPackage.[NoContextHelper](http://docs.google.com/org/omg/PortableServer/CurrentPackage/NoContextHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/ForwardRequestHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.[ForwardRequestHelper](http://docs.google.com/org/omg/PortableServer/ForwardRequestHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.[POAHelper](http://docs.google.com/org/omg/PortableServer/POAHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAManagerPackage/AdapterInactiveHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAManagerPackage.[AdapterInactiveHelper](http://docs.google.com/org/omg/PortableServer/POAManagerPackage/AdapterInactiveHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterAlreadyExistsHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[AdapterAlreadyExistsHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterAlreadyExistsHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterNonExistentHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[AdapterNonExistentHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterNonExistentHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/InvalidPolicyHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[InvalidPolicyHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/InvalidPolicyHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/NoServantHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[NoServantHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/NoServantHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectAlreadyActiveHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[ObjectAlreadyActiveHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectAlreadyActiveHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectNotActiveHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[ObjectNotActiveHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectNotActiveHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantAlreadyActiveHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[ServantAlreadyActiveHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantAlreadyActiveHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantNotActiveHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[ServantNotActiveHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantNotActiveHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongAdapterHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[WrongAdapterHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongAdapterHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongPolicyHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.POAPackage.[WrongPolicyHelper](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongPolicyHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/ServantActivatorHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.[ServantActivatorHelper](http://docs.google.com/org/omg/PortableServer/ServantActivatorHelper.html)   [**read(InputStream)**](http://docs.google.com/org/omg/PortableServer/ServantLocatorHelper.html#read(org.omg.CORBA.portable.InputStream)) - Static method in class org.omg.PortableServer.[ServantLocatorHelper](http://docs.google.com/org/omg/PortableServer/ServantLocatorHelper.html)   [**read\_Abstract()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_Abstract()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL Abstract interface from the input stream. [**read\_abstract\_interface()**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_abstract_interface()) - Method in class org.omg.CORBA\_2\_3.portable.[InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) Unmarshal the value object or a suitable stub object. [**read\_abstract\_interface(Class)**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_abstract_interface(java.lang.Class)) - Method in class org.omg.CORBA\_2\_3.portable.[InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) Unmarshal the class object or the stub class corresponding to the passed type. [**read\_any()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_any()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL Any value from the input stream. [**read\_any()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_any()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an Any from this input stream. [**read\_any\_array(AnySeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_any_array(org.omg.CORBA.AnySeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL Anys from offset for length elements from the input stream. [**read\_boolean()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_boolean()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL boolean value from the input stream. [**read\_boolean()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_boolean()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a boolean value from this input stream. [**read\_boolean\_array(BooleanSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_boolean_array(org.omg.CORBA.BooleanSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL booleans from offset for length elements from the input stream. [**read\_boolean\_array(boolean[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_boolean_array(boolean%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of booleans from this input stream. [**read\_char()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_char()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL character value from the input stream. [**read\_char()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_char()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a char value from this input stream. [**read\_char\_array(CharSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_char_array(org.omg.CORBA.CharSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL characters from offset for length elements from the input stream. [**read\_char\_array(char[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_char_array(char%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of chars from this input stream. [**read\_Context()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_Context()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a CORBA context from the stream. [**read\_double()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_double()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL double from the input stream. [**read\_double()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_double()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a double value from this input stream. [**read\_double\_array(DoubleSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_double_array(org.omg.CORBA.DoubleSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL doubles from offset for length elements from the input stream. [**read\_double\_array(double[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_double_array(double%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of doubles from this input stream. [**read\_fixed()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_fixed()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a BigDecimal number. [**read\_float()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_float()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL float from the input stream. [**read\_float()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_float()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a float value from this input stream. [**read\_float\_array(FloatSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_float_array(org.omg.CORBA.FloatSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL floats from offset for length elements from the input stream. [**read\_float\_array(float[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_float_array(float%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of floats from this input stream. [**read\_long()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_long()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL long from the input stream. [**read\_long()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_long()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a CORBA long (that is, Java int) value from this input stream. [**read\_long\_array(LongSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_long_array(org.omg.CORBA.LongSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL longs from offset for length elements from the input stream. [**read\_long\_array(int[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_long_array(int%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of CORBA longs (that is, Java ints) from this input stream. [**read\_longlong()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_longlong()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL long long from the input stream. [**read\_longlong()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_longlong()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a CORBA longlong (that is, Java long) value from this input stream. [**read\_longlong\_array(LongLongSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_longlong_array(org.omg.CORBA.LongLongSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL long longs from offset for length elements from the input stream. [**read\_longlong\_array(long[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_longlong_array(long%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of CORBA longlongs (that is, Java longs) from this input stream. [**read\_Object()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_Object()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL CORBA::Object from the input stream. [**read\_Object()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_Object()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a CORBA object from this input stream. [**read\_Object(Class)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_Object(java.lang.Class)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Unmarshals an object and returns a CORBA Object, which is an instance of the class passed as its argument. [**read\_octet()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_octet()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL octet value from the input stream. [**read\_octet()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_octet()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an octet (that is, a byte) value from this input stream. [**read\_octet\_array(OctetSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_octet_array(org.omg.CORBA.OctetSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL octets from offset for length elements from the input stream. [**read\_octet\_array(byte[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_octet_array(byte%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of octets (that is, bytes) from this input stream. [**READ\_ONLY**](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html#READ_ONLY) - Static variable in class java.nio.channels.[FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) Mode for a read-only mapping. [**read\_Principal()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_Principal()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) **Deprecated.** *Deprecated by CORBA 2.2.* [**read\_short()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_short()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL short from the input stream. [**read\_short()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_short()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a short value from this input stream. [**read\_short\_array(ShortSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_short_array(org.omg.CORBA.ShortSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL shorts from offset for length elements from the input stream. [**read\_short\_array(short[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_short_array(short%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of shorts from this input stream. [**read\_string()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_string()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL string from the input stream. [**read\_string()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_string()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a string value from this input stream. [**read\_TypeCode()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_TypeCode()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL typecode from the input stream. [**read\_TypeCode()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_TypeCode()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a TypeCode from this input stream. [**read\_ulong()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_ulong()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL unsigned long from the input stream. [**read\_ulong()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_ulong()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an unsigned CORBA long (that is, Java int) value from this input stream. [**read\_ulong\_array(ULongSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_ulong_array(org.omg.CORBA.ULongSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL unsigned longs from offset for length elements from the input stream. [**read\_ulong\_array(int[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_ulong_array(int%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of unsigned CORBA longs (that is, Java ints) from this input stream. [**read\_ulonglong()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_ulonglong()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an unsigned IDL long long from the input stream. [**read\_ulonglong()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_ulonglong()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a CORBA unsigned longlong (that is, Java long) value from this input stream. [**read\_ulonglong\_array(ULongLongSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_ulonglong_array(org.omg.CORBA.ULongLongSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL unsigned long longs from offset for length elements from the input stream. [**read\_ulonglong\_array(long[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_ulonglong_array(long%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of unsigned CORBA longlongs (that is, Java longs) from this input stream. [**read\_ushort()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_ushort()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL unsigned short from the input stream. [**read\_ushort()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_ushort()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a unsigned short value from this input stream. [**read\_ushort\_array(UShortSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_ushort_array(org.omg.CORBA.UShortSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL unsigned shorts from offset for length elements from the input stream. [**read\_ushort\_array(short[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_ushort_array(short%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of unsigned shorts from this input stream. [**read\_value(InputStream, TypeCode)**](http://docs.google.com/org/omg/CORBA/Any.html#read_value(org.omg.CORBA.portable.InputStream,%20org.omg.CORBA.TypeCode)) - Method in class org.omg.CORBA.[Any](http://docs.google.com/org/omg/CORBA/Any.html) Reads off (unmarshals) the value of an Any object from the given input stream using the given typecode. [**read\_Value()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_Value()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL value type from the input stream. [**read\_value(InputStream)**](http://docs.google.com/org/omg/CORBA/portable/BoxedValueHelper.html#read_value(org.omg.CORBA.portable.InputStream)) - Method in interface org.omg.CORBA.portable.[BoxedValueHelper](http://docs.google.com/org/omg/CORBA/portable/BoxedValueHelper.html)   [**read\_value(InputStream)**](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html#read_value(org.omg.CORBA_2_3.portable.InputStream)) - Method in interface org.omg.CORBA.portable.[ValueFactory](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html) Is called by the ORB runtime while in the process of unmarshaling a value type. [**read\_value(InputStream)**](http://docs.google.com/org/omg/CORBA/StringValueHelper.html#read_value(org.omg.CORBA.portable.InputStream)) - Method in class org.omg.CORBA.[StringValueHelper](http://docs.google.com/org/omg/CORBA/StringValueHelper.html)   [**read\_value(InputStream)**](http://docs.google.com/org/omg/CORBA/WStringValueHelper.html#read_value(org.omg.CORBA.portable.InputStream)) - Method in class org.omg.CORBA.[WStringValueHelper](http://docs.google.com/org/omg/CORBA/WStringValueHelper.html)   [**read\_value()**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_value()) - Method in class org.omg.CORBA\_2\_3.portable.[InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) Unmarshalls a value type from the input stream. [**read\_value(Class)**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_value(java.lang.Class)) - Method in class org.omg.CORBA\_2\_3.portable.[InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) Unmarshalls a value type from the input stream. [**read\_value(BoxedValueHelper)**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_value(org.omg.CORBA.portable.BoxedValueHelper)) - Method in class org.omg.CORBA\_2\_3.portable.[InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) Unmarshalls a value type from the input stream. [**read\_value(String)**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_value(java.lang.String)) - Method in class org.omg.CORBA\_2\_3.portable.[InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) Unmarshalls a value type from the input stream. [**read\_value(Serializable)**](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html#read_value(java.io.Serializable)) - Method in class org.omg.CORBA\_2\_3.portable.[InputStream](http://docs.google.com/org/omg/CORBA_2_3/portable/InputStream.html) Unmarshalls a value type from the input stream. [**read\_wchar()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_wchar()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL wide character value from the input stream. [**read\_wchar()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_wchar()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a wide char value from this input stream. [**read\_wchar\_array(WCharSeqHolder, int, int)**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_wchar_array(org.omg.CORBA.WCharSeqHolder,%20int,%20int)) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads array of IDL wide characters from offset for length elements from the input stream. [**read\_wchar\_array(char[], int, int)**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_wchar_array(char%5B%5D,%20int,%20int)) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads an array of wide chars from this input stream. [**READ\_WRITE**](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html#READ_WRITE) - Static variable in class java.nio.channels.[FileChannel.MapMode](http://docs.google.com/java/nio/channels/FileChannel.MapMode.html) Mode for a read/write mapping. [**read\_wstring()**](http://docs.google.com/org/omg/CORBA/DataInputStream.html#read_wstring()) - Method in interface org.omg.CORBA.[DataInputStream](http://docs.google.com/org/omg/CORBA/DataInputStream.html) Reads an IDL wide string from the input stream. [**read\_wstring()**](http://docs.google.com/org/omg/CORBA/portable/InputStream.html#read_wstring()) - Method in class org.omg.CORBA.portable.[InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) Reads a wide string value from this input stream. [**Readable**](http://docs.google.com/java/lang/Readable.html) - Interface in [java.lang](http://docs.google.com/java/lang/package-summary.html)A Readable is a source of characters.[**ReadableByteChannel**](http://docs.google.com/java/nio/channels/ReadableByteChannel.html) - Interface in [java.nio.channels](http://docs.google.com/java/nio/channels/package-summary.html)A channel that can read bytes.[**readAborted(ImageReader)**](http://docs.google.com/javax/imageio/event/IIOReadProgressListener.html#readAborted(javax.imageio.ImageReader)) - Method in interface javax.imageio.event.[IIOReadProgressListener](http://docs.google.com/javax/imageio/event/IIOReadProgressListener.html) Reports that a read has been aborted via the reader's abort method. [**readAll(int, ImageReadParam)**](http://docs.google.com/javax/imageio/ImageReader.html#readAll(int,%20javax.imageio.ImageReadParam)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Reads the image indexed by imageIndex and returns an IIOImage containing the image, thumbnails, and associated image metadata, using a supplied ImageReadParam. [**readAll(Iterator<? extends ImageReadParam>)**](http://docs.google.com/javax/imageio/ImageReader.html#readAll(java.util.Iterator)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Returns an Iterator containing all the images, thumbnails, and metadata, starting at the index given by getMinIndex, from the input source in the form of IIOImage objects. [**readAny(InputStream)**](http://docs.google.com/javax/rmi/CORBA/Util.html#readAny(org.omg.CORBA.portable.InputStream)) - Static method in class javax.rmi.CORBA.[Util](http://docs.google.com/javax/rmi/CORBA/Util.html) Reads a java.lang.Object as a CORBA any. [**readAny(InputStream)**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#readAny(org.omg.CORBA.portable.InputStream)) - Method in interface javax.rmi.CORBA.[UtilDelegate](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html) Delegation call for [Util.readAny(org.omg.CORBA.portable.InputStream)](http://docs.google.com/javax/rmi/CORBA/Util.html#readAny(org.omg.CORBA.portable.InputStream)). [**readArray()**](http://docs.google.com/java/sql/SQLInput.html#readArray()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL ARRAY value from the stream and returns it as an Array object in the Java programming language. [**readArray()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readArray()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Reads an SQL ARRAY value from the stream and returns it as an Array object in the Java programming language. [**readAsciiStream()**](http://docs.google.com/java/sql/SQLInput.html#readAsciiStream()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a stream of ASCII characters. [**readAsciiStream()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readAsciiStream()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Returns the next attribute in this SQLInputImpl object as a stream of ASCII characters. [**readAsRenderedImage(int, ImageReadParam)**](http://docs.google.com/javax/imageio/ImageReader.html#readAsRenderedImage(int,%20javax.imageio.ImageReadParam)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Returns a RenderedImage object that contains the contents of the image indexed by imageIndex. [**readAttributes(ObjectInputStream, MutableAttributeSet)**](http://docs.google.com/javax/swing/text/StyleContext.html#readAttributes(java.io.ObjectInputStream,%20javax.swing.text.MutableAttributeSet)) - Method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Context-specific handling of reading in attributes [**readAttributeSet(ObjectInputStream, MutableAttributeSet)**](http://docs.google.com/javax/swing/text/StyleContext.html#readAttributeSet(java.io.ObjectInputStream,%20javax.swing.text.MutableAttributeSet)) - Static method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Reads a set of attributes from the given object input stream that have been previously written out with writeAttributeSet. [**readBigDecimal()**](http://docs.google.com/java/sql/SQLInput.html#readBigDecimal()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a java.math.BigDecimal object in the Java programming language. [**readBigDecimal()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readBigDecimal()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a java.math.BigDecimal. [**readBinaryStream()**](http://docs.google.com/java/sql/SQLInput.html#readBinaryStream()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a stream of uninterpreted bytes. [**readBinaryStream()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readBinaryStream()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Returns the next attribute in this SQLInputImpl object as a stream of uninterpreted bytes. [**readBit()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readBit()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads a single bit from the stream and returns it as an int with the value 0 or 1. [**readBit()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readBit()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readBits(int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readBits(int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads a bitstring from the stream and returns it as a long, with the first bit read becoming the most significant bit of the output. [**readBits(int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readBits(int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readBlob()**](http://docs.google.com/java/sql/SQLInput.html#readBlob()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL BLOB value from the stream and returns it as a Blob object in the Java programming language. [**readBlob()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readBlob()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the BLOB value at the head of this SQLInputImpl object as a Blob object in the Java programming language. [**readBoolean()**](http://docs.google.com/java/io/DataInput.html#readBoolean()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads one input byte and returns true if that byte is nonzero, false if that byte is zero. [**readBoolean()**](http://docs.google.com/java/io/DataInputStream.html#readBoolean()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readBoolean method of DataInput. [**readBoolean()**](http://docs.google.com/java/io/ObjectInputStream.html#readBoolean()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads in a boolean. [**readBoolean()**](http://docs.google.com/java/io/RandomAccessFile.html#readBoolean()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a boolean from this file. [**readBoolean()**](http://docs.google.com/java/sql/SQLInput.html#readBoolean()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a boolean in the Java programming language. [**readBoolean()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readBoolean()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads a byte from the stream and returns a boolean value of true if it is nonzero, false if it is zero. [**readBoolean()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readBoolean()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readBoolean()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readBoolean()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a boolean in the Java programming language. [**readByte()**](http://docs.google.com/java/io/DataInput.html#readByte()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads and returns one input byte. [**readByte()**](http://docs.google.com/java/io/DataInputStream.html#readByte()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readByte method of DataInput. [**readByte()**](http://docs.google.com/java/io/ObjectInputStream.html#readByte()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads an 8 bit byte. [**readByte()**](http://docs.google.com/java/io/RandomAccessFile.html#readByte()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a signed eight-bit value from this file. [**readByte()**](http://docs.google.com/java/sql/SQLInput.html#readByte()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a byte in the Java programming language. [**readByte()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readByte()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads a byte from the stream and returns it as a byte value. [**readByte()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readByte()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readByte()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readByte()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a byte in the Java programming language. [**readBytes()**](http://docs.google.com/java/sql/SQLInput.html#readBytes()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as an array of bytes in the Java programming language. [**readBytes(IIOByteBuffer, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readBytes(javax.imageio.stream.IIOByteBuffer,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads up to len bytes from the stream, and modifies the supplied IIOByteBuffer to indicate the byte array, offset, and length where the data may be found. [**readBytes(IIOByteBuffer, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readBytes(javax.imageio.stream.IIOByteBuffer,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readBytes()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readBytes()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as an array of bytes. [**readChar()**](http://docs.google.com/java/io/DataInput.html#readChar()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads two input bytes and returns a char value. [**readChar()**](http://docs.google.com/java/io/DataInputStream.html#readChar()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readChar method of DataInput. [**readChar()**](http://docs.google.com/java/io/ObjectInputStream.html#readChar()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a 16 bit char. [**readChar()**](http://docs.google.com/java/io/RandomAccessFile.html#readChar()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a character from this file. [**readChar()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readChar()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Equivalent to readUnsignedShort, except that the result is returned using the char datatype. [**readChar()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readChar()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readCharacterStream()**](http://docs.google.com/java/sql/SQLInput.html#readCharacterStream()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a stream of Unicode characters. [**readCharacterStream()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readCharacterStream()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a stream of Unicode characters. [**readChildren(ObjectInputStream)**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#readChildren(java.io.ObjectInputStream)) - Method in class java.beans.beancontext.[BeanContextSupport](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html) When an instance of this class is used as a delegate for the implementation of the BeanContext protocols (and its subprotocols) there exists a 'chicken and egg' problem during deserialization [**readClassDescriptor()**](http://docs.google.com/java/io/ObjectInputStream.html#readClassDescriptor()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Read a class descriptor from the serialization stream. [**readClob()**](http://docs.google.com/java/sql/SQLInput.html#readClob()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL CLOB value from the stream and returns it as a Clob object in the Java programming language. [**readClob()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readClob()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the CLOB value at the head of this SQLInputImpl object as a Clob object in the Java programming language. [**readConfiguration()**](http://docs.google.com/java/util/logging/LogManager.html#readConfiguration()) - Method in class java.util.logging.[LogManager](http://docs.google.com/java/util/logging/LogManager.html) Reinitialize the logging properties and reread the logging configuration. [**readConfiguration(InputStream)**](http://docs.google.com/java/util/logging/LogManager.html#readConfiguration(java.io.InputStream)) - Method in class java.util.logging.[LogManager](http://docs.google.com/java/util/logging/LogManager.html) Reinitialize the logging properties and reread the logging configuration from the given stream, which should be in java.util.Properties format. [**readData(RowSetInternal)**](http://docs.google.com/javax/sql/RowSetReader.html#readData(javax.sql.RowSetInternal)) - Method in interface javax.sql.[RowSetReader](http://docs.google.com/javax/sql/RowSetReader.html) Reads the new contents of the calling RowSet object. [**readDate()**](http://docs.google.com/java/sql/SQLInput.html#readDate()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a java.sql.Date object. [**readDate()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readDate()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl as a java.sql.Date object. [**readDouble()**](http://docs.google.com/java/io/DataInput.html#readDouble()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads eight input bytes and returns a double value. [**readDouble()**](http://docs.google.com/java/io/DataInputStream.html#readDouble()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readDouble method of DataInput. [**readDouble()**](http://docs.google.com/java/io/ObjectInputStream.html#readDouble()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a 64 bit double. [**readDouble()**](http://docs.google.com/java/io/RandomAccessFile.html#readDouble()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a double from this file. [**readDouble()**](http://docs.google.com/java/sql/SQLInput.html#readDouble()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a double in the Java programming language. [**readDouble()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readDouble()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads 8 bytes from the stream, and (conceptually) concatenates them according to the current byte order and returns the result as a double. [**readDouble()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readDouble()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readDouble()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readDouble()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a double in the Java programming language. [**reader()**](http://docs.google.com/java/io/Console.html#reader()) - Method in class java.io.[Console](http://docs.google.com/java/io/Console.html) Retrieves the unique [Reader](http://docs.google.com/java/io/Reader.html) object associated with this console. [**Reader**](http://docs.google.com/java/io/Reader.html) - Class in [java.io](http://docs.google.com/java/io/package-summary.html)Abstract class for reading character streams.[**Reader()**](http://docs.google.com/java/io/Reader.html#Reader()) - Constructor for class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Creates a new character-stream reader whose critical sections will synchronize on the reader itself. [**Reader(Object)**](http://docs.google.com/java/io/Reader.html#Reader(java.lang.Object)) - Constructor for class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Creates a new character-stream reader whose critical sections will synchronize on the given object. [**reader**](http://docs.google.com/javax/script/SimpleScriptContext.html#reader) - Variable in class javax.script.[SimpleScriptContext](http://docs.google.com/javax/script/SimpleScriptContext.html) This is the reader to be used for input from scripts. [**readerSpiNames**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html#readerSpiNames) - Variable in class javax.imageio.spi.[ImageWriterSpi](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html) An array of strings to be returned from getImageReaderSpiNames, initially null. [**readerSupportsThumbnails()**](http://docs.google.com/javax/imageio/ImageReader.html#readerSupportsThumbnails()) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Returns true if the image format understood by this reader supports thumbnail preview images associated with it. [**readExternal(ObjectInput)**](http://docs.google.com/java/awt/datatransfer/DataFlavor.html#readExternal(java.io.ObjectInput)) - Method in class java.awt.datatransfer.[DataFlavor](http://docs.google.com/java/awt/datatransfer/DataFlavor.html) Restores this DataFlavor from a Serialized state. [**readExternal(ObjectInput)**](http://docs.google.com/java/io/Externalizable.html#readExternal(java.io.ObjectInput)) - Method in interface java.io.[Externalizable](http://docs.google.com/java/io/Externalizable.html) The object implements the readExternal method to restore its contents by calling the methods of DataInput for primitive types and readObject for objects, strings and arrays. [**readExternal(ObjectInput)**](http://docs.google.com/javax/activation/MimeType.html#readExternal(java.io.ObjectInput)) - Method in class javax.activation.[MimeType](http://docs.google.com/javax/activation/MimeType.html) The object implements the readExternal method to restore its contents by calling the methods of DataInput for primitive types and readObject for objects, strings and arrays. [**readExternal(ObjectInput)**](http://docs.google.com/javax/management/loading/MLet.html#readExternal(java.io.ObjectInput)) - Method in class javax.management.loading.[MLet](http://docs.google.com/javax/management/loading/MLet.html) Restore this MLet's contents from the given [ObjectInput](http://docs.google.com/java/io/ObjectInput.html). [**readFields()**](http://docs.google.com/java/io/ObjectInputStream.html#readFields()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads the persistent fields from the stream and makes them available by name. [**readFloat()**](http://docs.google.com/java/io/DataInput.html#readFloat()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads four input bytes and returns a float value. [**readFloat()**](http://docs.google.com/java/io/DataInputStream.html#readFloat()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readFloat method of DataInput. [**readFloat()**](http://docs.google.com/java/io/ObjectInputStream.html#readFloat()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a 32 bit float. [**readFloat()**](http://docs.google.com/java/io/RandomAccessFile.html#readFloat()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a float from this file. [**readFloat()**](http://docs.google.com/java/sql/SQLInput.html#readFloat()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a float in the Java programming language. [**readFloat()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFloat()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads 4 bytes from the stream, and (conceptually) concatenates them according to the current byte order and returns the result as a float. [**readFloat()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFloat()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFloat()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readFloat()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a float in the Java programming language. [**readFully(byte[])**](http://docs.google.com/java/io/DataInput.html#readFully(byte%5B%5D)) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads some bytes from an input stream and stores them into the buffer array b. [**readFully(byte[], int, int)**](http://docs.google.com/java/io/DataInput.html#readFully(byte%5B%5D,%20int,%20int)) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads len bytes from an input stream. [**readFully(byte[])**](http://docs.google.com/java/io/DataInputStream.html#readFully(byte%5B%5D)) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readFully method of DataInput. [**readFully(byte[], int, int)**](http://docs.google.com/java/io/DataInputStream.html#readFully(byte%5B%5D,%20int,%20int)) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readFully method of DataInput. [**readFully(byte[])**](http://docs.google.com/java/io/ObjectInputStream.html#readFully(byte%5B%5D)) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads bytes, blocking until all bytes are read. [**readFully(byte[], int, int)**](http://docs.google.com/java/io/ObjectInputStream.html#readFully(byte%5B%5D,%20int,%20int)) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads bytes, blocking until all bytes are read. [**readFully(byte[])**](http://docs.google.com/java/io/RandomAccessFile.html#readFully(byte%5B%5D)) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads b.length bytes from this file into the byte array, starting at the current file pointer. [**readFully(byte[], int, int)**](http://docs.google.com/java/io/RandomAccessFile.html#readFully(byte%5B%5D,%20int,%20int)) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads exactly len bytes from this file into the byte array, starting at the current file pointer. [**readFully(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(byte%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads len bytes from the stream, and stores them into b starting at index off. [**readFully(byte[])**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(byte%5B%5D)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads b.length bytes from the stream, and stores them into b starting at index 0. [**readFully(short[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(short%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads len shorts (signed 16-bit integers) from the stream according to the current byte order, and stores them into s starting at index off. [**readFully(char[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(char%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads len chars (unsigned 16-bit integers) from the stream according to the current byte order, and stores them into c starting at index off. [**readFully(int[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(int%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads len ints (signed 32-bit integers) from the stream according to the current byte order, and stores them into i starting at index off. [**readFully(long[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(long%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads len longs (signed 64-bit integers) from the stream according to the current byte order, and stores them into l starting at index off. [**readFully(float[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(float%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads len floats (32-bit IEEE single-precision floats) from the stream according to the current byte order, and stores them into f starting at index off. [**readFully(double[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readFully(double%5B%5D,%20int,%20int)) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads len doubles (64-bit IEEE double-precision floats) from the stream according to the current byte order, and stores them into d starting at index off. [**readFully(byte[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(byte%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFully(byte[])**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(byte%5B%5D)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFully(short[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(short%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFully(char[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(char%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFully(int[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(int%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFully(long[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(long%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFully(float[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(float%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readFully(double[], int, int)**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readFully(double%5B%5D,%20int,%20int)) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**READING**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#READING) - Static variable in class java.text.[AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) Attribute key for the reading of some text. [**readInt()**](http://docs.google.com/java/io/DataInput.html#readInt()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads four input bytes and returns an int value. [**readInt()**](http://docs.google.com/java/io/DataInputStream.html#readInt()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readInt method of DataInput. [**readInt()**](http://docs.google.com/java/io/ObjectInputStream.html#readInt()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a 32 bit int. [**readInt()**](http://docs.google.com/java/io/RandomAccessFile.html#readInt()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a signed 32-bit integer from this file. [**readInt()**](http://docs.google.com/java/sql/SQLInput.html#readInt()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as an int in the Java programming language. [**readInt()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readInt()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads 4 bytes from the stream, and (conceptually) concatenates them according to the current byte order and returns the result as an int. [**readInt()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readInt()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readInt()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readInt()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as an int in the Java programming language. [**readLine()**](http://docs.google.com/java/io/BufferedReader.html#readLine()) - Method in class java.io.[BufferedReader](http://docs.google.com/java/io/BufferedReader.html) Reads a line of text. [**readLine(String, Object...)**](http://docs.google.com/java/io/Console.html#readLine(java.lang.String,%20java.lang.Object...)) - Method in class java.io.[Console](http://docs.google.com/java/io/Console.html) Provides a formatted prompt, then reads a single line of text from the console. [**readLine()**](http://docs.google.com/java/io/Console.html#readLine()) - Method in class java.io.[Console](http://docs.google.com/java/io/Console.html) Reads a single line of text from the console. [**readLine()**](http://docs.google.com/java/io/DataInput.html#readLine()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads the next line of text from the input stream. [**readLine()**](http://docs.google.com/java/io/DataInputStream.html#readLine()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) **Deprecated.** *This method does not properly convert bytes to characters. As of JDK 1.1, the preferred way to read lines of text is via the BufferedReader.readLine() method. Programs that use the DataInputStream class to read lines can be converted to use the BufferedReader class by replacing code of the form:*

*DataInputStream d = new DataInputStream(in);*

*with:*

*BufferedReader d  
 = new BufferedReader(new InputStreamReader(in));*

[**readLine()**](http://docs.google.com/java/io/LineNumberReader.html#readLine()) - Method in class java.io.[LineNumberReader](http://docs.google.com/java/io/LineNumberReader.html) Read a line of text. [**readLine()**](http://docs.google.com/java/io/ObjectInputStream.html#readLine()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) **Deprecated.** *This method does not properly convert bytes to characters. see DataInputStream for the details and alternatives.* [**readLine()**](http://docs.google.com/java/io/RandomAccessFile.html#readLine()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads the next line of text from this file. [**readLine()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readLine()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads the next line of text from the input stream. [**readLine()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readLine()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readLock()**](http://docs.google.com/java/util/concurrent/locks/ReadWriteLock.html#readLock()) - Method in interface java.util.concurrent.locks.[ReadWriteLock](http://docs.google.com/java/util/concurrent/locks/ReadWriteLock.html) Returns the lock used for reading. [**readLock()**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#readLock()) - Method in class java.util.concurrent.locks.[ReentrantReadWriteLock](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html)   [**readLock()**](http://docs.google.com/javax/swing/text/AbstractDocument.html#readLock()) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) Acquires a lock to begin reading some state from the document. [**readLong()**](http://docs.google.com/java/io/DataInput.html#readLong()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads eight input bytes and returns a long value. [**readLong()**](http://docs.google.com/java/io/DataInputStream.html#readLong()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readLong method of DataInput. [**readLong()**](http://docs.google.com/java/io/ObjectInputStream.html#readLong()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a 64 bit long. [**readLong()**](http://docs.google.com/java/io/RandomAccessFile.html#readLong()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a signed 64-bit integer from this file. [**readLong()**](http://docs.google.com/java/sql/SQLInput.html#readLong()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a long in the Java programming language. [**readLong()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readLong()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads 8 bytes from the stream, and (conceptually) concatenates them according to the current byte order and returns the result as a long. [**readLong()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readLong()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readLong()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readLong()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a long in the Java programming language. [**readNClob()**](http://docs.google.com/java/sql/SQLInput.html#readNClob()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL NCLOB value from the stream and returns it as a NClob object in the Java programming language. [**readNClob()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readNClob()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Reads an SQL NCLOB value from the stream and returns it as a Clob object in the Java programming language. [**readNString()**](http://docs.google.com/java/sql/SQLInput.html#readNString()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a String in the Java programming language. [**readNString()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readNString()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Reads the next attribute in the stream and returns it as a String in the Java programming language. [**readObject()**](http://docs.google.com/java/beans/XMLDecoder.html#readObject()) - Method in class java.beans.[XMLDecoder](http://docs.google.com/java/beans/XMLDecoder.html) Reads the next object from the underlying input stream. [**readObject()**](http://docs.google.com/java/io/ObjectInput.html#readObject()) - Method in interface java.io.[ObjectInput](http://docs.google.com/java/io/ObjectInput.html) Read and return an object. [**readObject()**](http://docs.google.com/java/io/ObjectInputStream.html#readObject()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Read an object from the ObjectInputStream. [**readObject()**](http://docs.google.com/java/sql/SQLInput.html#readObject()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the datum at the head of the stream and returns it as an Object in the Java programming language. [**readObject(Stub, ObjectInputStream)**](http://docs.google.com/javax/rmi/CORBA/StubDelegate.html#readObject(javax.rmi.CORBA.Stub,%20java.io.ObjectInputStream)) - Method in interface javax.rmi.CORBA.[StubDelegate](http://docs.google.com/javax/rmi/CORBA/StubDelegate.html) Delegation call for [Stub.readObject(java.io.ObjectInputStream)](http://docs.google.com/serialized-form.html#javax.rmi.CORBA.Stub). [**readObject()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readObject()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the value at the head of this SQLInputImpl object as an Object in the Java programming language. [**readObjectOverride()**](http://docs.google.com/java/io/ObjectInputStream.html#readObjectOverride()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) This method is called by trusted subclasses of ObjectOutputStream that constructed ObjectOutputStream using the protected no-arg constructor. [**readOnlyAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#readOnlyAction) - Static variable in class javax.swing.text.[DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) Name of the action to set the editor into read-only mode. [**ReadOnlyBufferException**](http://docs.google.com/java/nio/ReadOnlyBufferException.html) - Exception in [java.nio](http://docs.google.com/java/nio/package-summary.html)Unchecked exception thrown when a content-mutation method such as put or compact is invoked upon a read-only buffer.[**ReadOnlyBufferException()**](http://docs.google.com/java/nio/ReadOnlyBufferException.html#ReadOnlyBufferException()) - Constructor for exception java.nio.[ReadOnlyBufferException](http://docs.google.com/java/nio/ReadOnlyBufferException.html) Constructs an instance of this class. [**readPassword(String, Object...)**](http://docs.google.com/java/io/Console.html#readPassword(java.lang.String,%20java.lang.Object...)) - Method in class java.io.[Console](http://docs.google.com/java/io/Console.html) Provides a formatted prompt, then reads a password or passphrase from the console with echoing disabled. [**readPassword()**](http://docs.google.com/java/io/Console.html#readPassword()) - Method in class java.io.[Console](http://docs.google.com/java/io/Console.html) Reads a password or passphrase from the console with echoing disabled [**readRaster(int, ImageReadParam)**](http://docs.google.com/javax/imageio/ImageReader.html#readRaster(int,%20javax.imageio.ImageReadParam)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Returns a new Raster object containing the raw pixel data from the image stream, without any color conversion applied. [**readRef()**](http://docs.google.com/java/sql/SQLInput.html#readRef()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL REF value from the stream and returns it as a Ref object in the Java programming language. [**readRef()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readRef()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the value at the head of this SQLInputImpl object as a Ref object in the Java programming language. [**readResolve()**](http://docs.google.com/java/awt/AWTKeyStroke.html#readResolve()) - Method in class java.awt.[AWTKeyStroke](http://docs.google.com/java/awt/AWTKeyStroke.html) Returns a cached instance of AWTKeyStroke (or a subclass of AWTKeyStroke) which is equal to this instance. [**readResolve()**](http://docs.google.com/java/awt/color/ICC_Profile.html#readResolve()) - Method in class java.awt.color.[ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) Resolves instances being deserialized into instances registered with CMM. [**readResolve()**](http://docs.google.com/java/awt/font/TextAttribute.html#readResolve()) - Method in class java.awt.font.[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) Resolves instances being deserialized to the predefined constants. [**readResolve()**](http://docs.google.com/java/security/cert/Certificate.CertificateRep.html#readResolve()) - Method in class java.security.cert.[Certificate.CertificateRep](http://docs.google.com/java/security/cert/Certificate.CertificateRep.html) Resolve the Certificate Object. [**readResolve()**](http://docs.google.com/java/security/cert/CertPath.CertPathRep.html#readResolve()) - Method in class java.security.cert.[CertPath.CertPathRep](http://docs.google.com/java/security/cert/CertPath.CertPathRep.html) Returns a CertPath constructed from the type and data. [**readResolve()**](http://docs.google.com/java/security/KeyRep.html#readResolve()) - Method in class java.security.[KeyRep](http://docs.google.com/java/security/KeyRep.html) Resolve the Key object. [**readResolve()**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#readResolve()) - Method in class java.text.[AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) Resolves instances being deserialized to the predefined constants. [**readResolve()**](http://docs.google.com/java/text/DateFormat.Field.html#readResolve()) - Method in class java.text.[DateFormat.Field](http://docs.google.com/java/text/DateFormat.Field.html) Resolves instances being deserialized to the predefined constants. [**readResolve()**](http://docs.google.com/java/text/MessageFormat.Field.html#readResolve()) - Method in class java.text.[MessageFormat.Field](http://docs.google.com/java/text/MessageFormat.Field.html) Resolves instances being deserialized to the predefined constants. [**readResolve()**](http://docs.google.com/java/text/NumberFormat.Field.html#readResolve()) - Method in class java.text.[NumberFormat.Field](http://docs.google.com/java/text/NumberFormat.Field.html) Resolves instances being deserialized to the predefined constants. [**readResolve()**](http://docs.google.com/javax/management/openmbean/SimpleType.html#readResolve()) - Method in class javax.management.openmbean.[SimpleType](http://docs.google.com/javax/management/openmbean/SimpleType.html) Replace an object read from an [ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) with the unique instance for that value. [**readResolve()**](http://docs.google.com/javax/print/attribute/EnumSyntax.html#readResolve()) - Method in class javax.print.attribute.[EnumSyntax](http://docs.google.com/javax/print/attribute/EnumSyntax.html) During object input, convert this deserialized enumeration instance to the proper enumeration value defined in the enumeration attribute class. [**readRowId()**](http://docs.google.com/java/sql/SQLInput.html#readRowId()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL ROWID value from the stream and returns it as a RowId object in the Java programming language. [**readRowId()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readRowId()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Reads an SQL ROWID value from the stream and returns it as a RowId object in the Java programming language. [**readShort()**](http://docs.google.com/java/io/DataInput.html#readShort()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads two input bytes and returns a short value. [**readShort()**](http://docs.google.com/java/io/DataInputStream.html#readShort()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readShort method of DataInput. [**readShort()**](http://docs.google.com/java/io/ObjectInputStream.html#readShort()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a 16 bit short. [**readShort()**](http://docs.google.com/java/io/RandomAccessFile.html#readShort()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads a signed 16-bit number from this file. [**readShort()**](http://docs.google.com/java/sql/SQLInput.html#readShort()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a short in the Java programming language. [**readShort()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readShort()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads two bytes from the stream, and (conceptually) concatenates them according to the current byte order, and returns the result as a short value. [**readShort()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readShort()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readShort()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readShort()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a short in the Java programming language. [**readSQL(SQLInput, String)**](http://docs.google.com/java/sql/SQLData.html#readSQL(java.sql.SQLInput,%20java.lang.String)) - Method in interface java.sql.[SQLData](http://docs.google.com/java/sql/SQLData.html) Populates this object with data read from the database. [**readSQLXML()**](http://docs.google.com/java/sql/SQLInput.html#readSQLXML()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL XML value from the stream and returns it as a SQLXML object in the Java programming language. [**readSQLXML()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readSQLXML()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Reads an SQL XML value from the stream and returns it as a SQLXML object in the Java programming language. [**readStreamHeader()**](http://docs.google.com/java/io/ObjectInputStream.html#readStreamHeader()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) The readStreamHeader method is provided to allow subclasses to read and verify their own stream headers. [**readString()**](http://docs.google.com/java/sql/SQLInput.html#readString()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a String in the Java programming language. [**readString()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readString()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a String in the Java programming language. [**readThumbnail(int, int)**](http://docs.google.com/javax/imageio/ImageReader.html#readThumbnail(int,%20int)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Returns the thumbnail preview image indexed by thumbnailIndex, associated with the image indexed by ImageIndex as a BufferedImage. [**readTile(int, int, int)**](http://docs.google.com/javax/imageio/ImageReader.html#readTile(int,%20int,%20int)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Reads the tile indicated by the tileX and tileY arguments, returning it as a BufferedImage. [**readTileRaster(int, int, int)**](http://docs.google.com/javax/imageio/ImageReader.html#readTileRaster(int,%20int,%20int)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Returns a new Raster object containing the raw pixel data from the tile, without any color conversion applied. [**readTime()**](http://docs.google.com/java/sql/SQLInput.html#readTime()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a java.sql.Time object. [**readTime()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readTime()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a java.sql.Time object. [**readTimestamp()**](http://docs.google.com/java/sql/SQLInput.html#readTimestamp()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads the next attribute in the stream and returns it as a java.sql.Timestamp object. [**readTimestamp()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readTimestamp()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Retrieves the next attribute in this SQLInputImpl object as a java.sql.Timestamp object. [**readUnlock()**](http://docs.google.com/javax/swing/text/AbstractDocument.html#readUnlock()) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) Does a read unlock. [**readUnshared()**](http://docs.google.com/java/io/ObjectInputStream.html#readUnshared()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads an "unshared" object from the ObjectInputStream. [**readUnsignedByte()**](http://docs.google.com/java/io/DataInput.html#readUnsignedByte()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads one input byte, zero-extends it to type int, and returns the result, which is therefore in the range 0 through 255. [**readUnsignedByte()**](http://docs.google.com/java/io/DataInputStream.html#readUnsignedByte()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readUnsignedByte method of DataInput. [**readUnsignedByte()**](http://docs.google.com/java/io/ObjectInputStream.html#readUnsignedByte()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads an unsigned 8 bit byte. [**readUnsignedByte()**](http://docs.google.com/java/io/RandomAccessFile.html#readUnsignedByte()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads an unsigned eight-bit number from this file. [**readUnsignedByte()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readUnsignedByte()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads a byte from the stream, and (conceptually) converts it to an int, masks it with 0xff in order to strip off any sign-extension bits, and returns it as a byte value. [**readUnsignedByte()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readUnsignedByte()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readUnsignedInt()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readUnsignedInt()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads 4 bytes from the stream, and (conceptually) concatenates them according to the current byte order, converts the result to a long, masks it with 0xffffffffL in order to strip off any sign-extension bits, and returns the result as an unsigned long value. [**readUnsignedInt()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readUnsignedInt()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readUnsignedShort()**](http://docs.google.com/java/io/DataInput.html#readUnsignedShort()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads two input bytes and returns an int value in the range 0 through 65535. [**readUnsignedShort()**](http://docs.google.com/java/io/DataInputStream.html#readUnsignedShort()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readUnsignedShort method of DataInput. [**readUnsignedShort()**](http://docs.google.com/java/io/ObjectInputStream.html#readUnsignedShort()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads an unsigned 16 bit short. [**readUnsignedShort()**](http://docs.google.com/java/io/RandomAccessFile.html#readUnsignedShort()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads an unsigned 16-bit number from this file. [**readUnsignedShort()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readUnsignedShort()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads two bytes from the stream, and (conceptually) concatenates them according to the current byte order, converts the resulting value to an int, masks it with 0xffff in order to strip off any sign-extension buts, and returns the result as an unsigned int value. [**readUnsignedShort()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readUnsignedShort()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readURL()**](http://docs.google.com/java/sql/SQLInput.html#readURL()) - Method in interface java.sql.[SQLInput](http://docs.google.com/java/sql/SQLInput.html) Reads an SQL DATALINK value from the stream and returns it as a java.net.URL object in the Java programming language. [**readURL()**](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html#readURL()) - Method in class javax.sql.rowset.serial.[SQLInputImpl](http://docs.google.com/javax/sql/rowset/serial/SQLInputImpl.html) Reads an SQL DATALINK value from the stream and returns it as an URL object in the Java programming language. [**readUTF()**](http://docs.google.com/java/io/DataInput.html#readUTF()) - Method in interface java.io.[DataInput](http://docs.google.com/java/io/DataInput.html) Reads in a string that has been encoded using a [modified UTF-8](http://docs.google.com/java/io/#modified-utf-8) format. [**readUTF()**](http://docs.google.com/java/io/DataInputStream.html#readUTF()) - Method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) See the general contract of the readUTF method of DataInput. [**readUTF(DataInput)**](http://docs.google.com/java/io/DataInputStream.html#readUTF(java.io.DataInput)) - Static method in class java.io.[DataInputStream](http://docs.google.com/java/io/DataInputStream.html) Reads from the stream in a representation of a Unicode character string encoded in [modified UTF-8](http://docs.google.com/java/io/DataInput.html#modified-utf-8) format; this string of characters is then returned as a String. [**readUTF()**](http://docs.google.com/java/io/ObjectInputStream.html#readUTF()) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Reads a String in [modified UTF-8](http://docs.google.com/java/io/DataInput.html#modified-utf-8) format. [**readUTF()**](http://docs.google.com/java/io/RandomAccessFile.html#readUTF()) - Method in class java.io.[RandomAccessFile](http://docs.google.com/java/io/RandomAccessFile.html) Reads in a string from this file. [**readUTF()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#readUTF()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Reads in a string that has been encoded using a [modified UTF-8](http://docs.google.com/java/io/DataInput.html#modified-utf-8) format. [**readUTF()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#readUTF()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html)   [**readValue(InputStream, int, Class, String, RunTime)**](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html#readValue(org.omg.CORBA.portable.InputStream,%20int,%20java.lang.Class,%20java.lang.String,%20org.omg.SendingContext.RunTime)) - Method in interface javax.rmi.CORBA.[ValueHandler](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html) Reads a value from the stream using Java semantics. [**ReadWriteLock**](http://docs.google.com/java/util/concurrent/locks/ReadWriteLock.html) - Interface in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html)A ReadWriteLock maintains a pair of associated [locks](http://docs.google.com/java/util/concurrent/locks/Lock.html), one for read-only operations and one for writing.[**readXML(WebRowSet, Reader)**](http://docs.google.com/javax/sql/rowset/spi/XmlReader.html#readXML(javax.sql.rowset.WebRowSet,%20java.io.Reader)) - Method in interface javax.sql.rowset.spi.[XmlReader](http://docs.google.com/javax/sql/rowset/spi/XmlReader.html) Reads and parses the given WebRowSet object from the given input stream in XML format. [**readXml(Reader)**](http://docs.google.com/javax/sql/rowset/WebRowSet.html#readXml(java.io.Reader)) - Method in interface javax.sql.rowset.[WebRowSet](http://docs.google.com/javax/sql/rowset/WebRowSet.html) Reads a WebRowSet object in its XML format from the given Reader object. [**readXml(InputStream)**](http://docs.google.com/javax/sql/rowset/WebRowSet.html#readXml(java.io.InputStream)) - Method in interface javax.sql.rowset.[WebRowSet](http://docs.google.com/javax/sql/rowset/WebRowSet.html) Reads a stream based XML input to populate this WebRowSet object. [**ready()**](http://docs.google.com/java/io/BufferedReader.html#ready()) - Method in class java.io.[BufferedReader](http://docs.google.com/java/io/BufferedReader.html) Tells whether this stream is ready to be read. [**ready()**](http://docs.google.com/java/io/CharArrayReader.html#ready()) - Method in class java.io.[CharArrayReader](http://docs.google.com/java/io/CharArrayReader.html) Tells whether this stream is ready to be read. [**ready()**](http://docs.google.com/java/io/FilterReader.html#ready()) - Method in class java.io.[FilterReader](http://docs.google.com/java/io/FilterReader.html) Tells whether this stream is ready to be read. [**ready()**](http://docs.google.com/java/io/InputStreamReader.html#ready()) - Method in class java.io.[InputStreamReader](http://docs.google.com/java/io/InputStreamReader.html) Tells whether this stream is ready to be read. [**ready()**](http://docs.google.com/java/io/PipedReader.html#ready()) - Method in class java.io.[PipedReader](http://docs.google.com/java/io/PipedReader.html) Tell whether this stream is ready to be read. [**ready()**](http://docs.google.com/java/io/PushbackReader.html#ready()) - Method in class java.io.[PushbackReader](http://docs.google.com/java/io/PushbackReader.html) Tells whether this stream is ready to be read. [**ready()**](http://docs.google.com/java/io/Reader.html#ready()) - Method in class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Tells whether this stream is ready to be read. [**ready()**](http://docs.google.com/java/io/StringReader.html#ready()) - Method in class java.io.[StringReader](http://docs.google.com/java/io/StringReader.html) Tells whether this stream is ready to be read. [**readyOps()**](http://docs.google.com/java/nio/channels/SelectionKey.html#readyOps()) - Method in class java.nio.channels.[SelectionKey](http://docs.google.com/java/nio/channels/SelectionKey.html) Retrieves this key's ready-operation set. [**REAL**](http://docs.google.com/java/sql/Types.html#REAL) - 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 REAL. [**realEditor**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#realEditor) - Variable in class javax.swing.tree.[DefaultTreeCellEditor](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html) Editor handling the editing. [**RealmCallback**](http://docs.google.com/javax/security/sasl/RealmCallback.html) - Class in [javax.security.sasl](http://docs.google.com/javax/security/sasl/package-summary.html)This callback is used by SaslClient and SaslServer to retrieve realm information.[**RealmCallback(String)**](http://docs.google.com/javax/security/sasl/RealmCallback.html#RealmCallback(java.lang.String)) - Constructor for class javax.security.sasl.[RealmCallback](http://docs.google.com/javax/security/sasl/RealmCallback.html) Constructs a RealmCallback with a prompt. [**RealmCallback(String, String)**](http://docs.google.com/javax/security/sasl/RealmCallback.html#RealmCallback(java.lang.String,%20java.lang.String)) - Constructor for class javax.security.sasl.[RealmCallback](http://docs.google.com/javax/security/sasl/RealmCallback.html) Constructs a RealmCallback with a prompt and default realm information. [**RealmChoiceCallback**](http://docs.google.com/javax/security/sasl/RealmChoiceCallback.html) - Class in [javax.security.sasl](http://docs.google.com/javax/security/sasl/package-summary.html)This callback is used by SaslClient and SaslServer to obtain a realm given a list of realm choices.[**RealmChoiceCallback(String, String[], int, boolean)**](http://docs.google.com/javax/security/sasl/RealmChoiceCallback.html#RealmChoiceCallback(java.lang.String,%20java.lang.String%5B%5D,%20int,%20boolean)) - Constructor for class javax.security.sasl.[RealmChoiceCallback](http://docs.google.com/javax/security/sasl/RealmChoiceCallback.html) Constructs a RealmChoiceCallback with a prompt, a list of choices and a default choice. [**realSource**](http://docs.google.com/javax/swing/undo/UndoableEditSupport.html#realSource) - Variable in class javax.swing.undo.[UndoableEditSupport](http://docs.google.com/javax/swing/undo/UndoableEditSupport.html)   [**reason**](http://docs.google.com/org/omg/CORBA/PolicyError.html#reason) - Variable in exception org.omg.CORBA.[PolicyError](http://docs.google.com/org/omg/CORBA/PolicyError.html) The reason for the PolicyError exception being thrown. [**rebind(String, Remote)**](http://docs.google.com/java/rmi/Naming.html#rebind(java.lang.String,%20java.rmi.Remote)) - Static method in class java.rmi.[Naming](http://docs.google.com/java/rmi/Naming.html) Rebinds the specified name to a new remote object. [**rebind(String, Remote)**](http://docs.google.com/java/rmi/registry/Registry.html#rebind(java.lang.String,%20java.rmi.Remote)) - Method in interface java.rmi.registry.[Registry](http://docs.google.com/java/rmi/registry/Registry.html) Replaces the binding for the specified name in this registry with the supplied remote reference. [**rebind(Name, Object)**](http://docs.google.com/javax/naming/Context.html#rebind(javax.naming.Name,%20java.lang.Object)) - Method in interface javax.naming.[Context](http://docs.google.com/javax/naming/Context.html) Binds a name to an object, overwriting any existing binding. [**rebind(String, Object)**](http://docs.google.com/javax/naming/Context.html#rebind(java.lang.String,%20java.lang.Object)) - Method in interface javax.naming.[Context](http://docs.google.com/javax/naming/Context.html) Binds a name to an object, overwriting any existing binding. [**rebind(Name, Object, Attributes)**](http://docs.google.com/javax/naming/directory/DirContext.html#rebind(javax.naming.Name,%20java.lang.Object,%20javax.naming.directory.Attributes)) - Method in interface javax.naming.directory.[DirContext](http://docs.google.com/javax/naming/directory/DirContext.html) Binds a name to an object, along with associated attributes, overwriting any existing binding. [**rebind(String, Object, Attributes)**](http://docs.google.com/javax/naming/directory/DirContext.html#rebind(java.lang.String,%20java.lang.Object,%20javax.naming.directory.Attributes)) - Method in interface javax.naming.directory.[DirContext](http://docs.google.com/javax/naming/directory/DirContext.html) Binds a name to an object, along with associated attributes, overwriting any existing binding. [**rebind(String, Object, Attributes)**](http://docs.google.com/javax/naming/directory/InitialDirContext.html#rebind(java.lang.String,%20java.lang.Object,%20javax.naming.directory.Attributes)) - Method in class javax.naming.directory.[InitialDirContext](http://docs.google.com/javax/naming/directory/InitialDirContext.html)   [**rebind(Name, Object, Attributes)**](http://docs.google.com/javax/naming/directory/InitialDirContext.html#rebind(javax.naming.Name,%20java.lang.Object,%20javax.naming.directory.Attributes)) - Method in class javax.naming.directory.[InitialDirContext](http://docs.google.com/javax/naming/directory/InitialDirContext.html)   [**rebind(String, Object)**](http://docs.google.com/javax/naming/InitialContext.html#rebind(java.lang.String,%20java.lang.Object)) - Method in class javax.naming.[InitialContext](http://docs.google.com/javax/naming/InitialContext.html)   [**rebind(Name, Object)**](http://docs.google.com/javax/naming/InitialContext.html#rebind(javax.naming.Name,%20java.lang.Object)) - Method in class javax.naming.[InitialContext](http://docs.google.com/javax/naming/InitialContext.html)   [**REBIND**](http://docs.google.com/org/omg/CORBA/REBIND.html) - Exception in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html)REBIND is raised when the current effective RebindPolicy, has a value of NO\_REBIND or NO\_RECONNECT and an invocation on a bound object reference results in a LocateReply message with status OBJECT\_FORWARD or a Reply message with status LOCATION\_FORWARD.[**REBIND()**](http://docs.google.com/org/omg/CORBA/REBIND.html#REBIND()) - Constructor for exception org.omg.CORBA.[REBIND](http://docs.google.com/org/omg/CORBA/REBIND.html) Constructs an REBIND exception with minor code set to 0 and CompletionStatus set to COMPLETED\_NO. [**REBIND(String)**](http://docs.google.com/org/omg/CORBA/REBIND.html#REBIND(java.lang.String)) - Constructor for exception org.omg.CORBA.[REBIND](http://docs.google.com/org/omg/CORBA/REBIND.html) Constructs an REBIND exception with the specified message. [**REBIND(int, CompletionStatus)**](http://docs.google.com/org/omg/CORBA/REBIND.html#REBIND(int,%20org.omg.CORBA.CompletionStatus)) - Constructor for exception org.omg.CORBA.[REBIND](http://docs.google.com/org/omg/CORBA/REBIND.html) Constructs an REBIND exception with the specified minor code and completion status. [**REBIND(String, int, CompletionStatus)**](http://docs.google.com/org/omg/CORBA/REBIND.html#REBIND(java.lang.String,%20int,%20org.omg.CORBA.CompletionStatus)) - Constructor for exception org.omg.CORBA.[REBIND](http://docs.google.com/org/omg/CORBA/REBIND.html) Constructs an REBIND exception with the specified message, minor code, and completion status. [**rebind(NameComponent[], Object)**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#rebind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object)) - Method in class org.omg.CosNaming.[\_NamingContextExtStub](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html) Creates a binding of a name and an object in the naming context even if the name is already bound in the context. [**rebind(NameComponent[], Object)**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.html#rebind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object)) - Method in class org.omg.CosNaming.[\_NamingContextStub](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.html) Creates a binding of a name and an object in the naming context even if the name is already bound in the context. [**rebind(NameComponent[], Object)**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#rebind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object)) - Method in interface org.omg.CosNaming.[NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) Creates a binding of a name and an object in the naming context even if the name is already bound in the context. [**rebind\_context(NameComponent[], NamingContext)**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#rebind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext)) - Method in class org.omg.CosNaming.[\_NamingContextExtStub](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html) Creates a binding of a name and a naming context in the naming context even if the name is already bound in the context. [**rebind\_context(NameComponent[], NamingContext)**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.html#rebind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext)) - Method in class org.omg.CosNaming.[\_NamingContextStub](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.html) Creates a binding of a name and a naming context in the naming context even if the name is already bound in the context. [**rebind\_context(NameComponent[], NamingContext)**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#rebind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext)) - Method in interface org.omg.CosNaming.[NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) Creates a binding of a name and a naming context in the naming context even if the name is already bound in the context. [**recalculateIfInsetsChanged()**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#recalculateIfInsetsChanged()) - Method in class javax.swing.plaf.basic.[BasicSliderUI](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html)   [**recalculateIfOrientationChanged()**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html#recalculateIfOrientationChanged()) - Method in class javax.swing.plaf.basic.[BasicSliderUI](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.html)   [**recalcWidthCache()**](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html#recalcWidthCache()) - Method in class javax.swing.table.[DefaultTableColumnModel](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html) Recalculates the total combined width of all columns. [**receive(int)**](http://docs.google.com/java/io/PipedInputStream.html#receive(int)) - Method in class java.io.[PipedInputStream](http://docs.google.com/java/io/PipedInputStream.html) Receives a byte of data. [**receive(DatagramPacket)**](http://docs.google.com/java/net/DatagramSocket.html#receive(java.net.DatagramPacket)) - Method in class java.net.[DatagramSocket](http://docs.google.com/java/net/DatagramSocket.html) Receives a datagram packet from this socket. [**receive(DatagramPacket)**](http://docs.google.com/java/net/DatagramSocketImpl.html#receive(java.net.DatagramPacket)) - Method in class java.net.[DatagramSocketImpl](http://docs.google.com/java/net/DatagramSocketImpl.html) Receive the datagram packet. [**receive(ByteBuffer)**](http://docs.google.com/java/nio/channels/DatagramChannel.html#receive(java.nio.ByteBuffer)) - Method in class java.nio.channels.[DatagramChannel](http://docs.google.com/java/nio/channels/DatagramChannel.html) Receives a datagram via this channel. [**receive\_exception(ClientRequestInfo)**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#receive_exception(org.omg.PortableInterceptor.ClientRequestInfo)) - Method in interface org.omg.PortableInterceptor.[ClientRequestInterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html) Indicates to the interceptor that an exception occurred. [**receive\_other(ClientRequestInfo)**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#receive_other(org.omg.PortableInterceptor.ClientRequestInfo)) - Method in interface org.omg.PortableInterceptor.[ClientRequestInterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html) Allows an Interceptor to query the information available when a request results in something other than a normal reply or an exception. [**receive\_reply(ClientRequestInfo)**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html#receive_reply(org.omg.PortableInterceptor.ClientRequestInfo)) - Method in interface org.omg.PortableInterceptor.[ClientRequestInterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInterceptorOperations.html) Allows an Interceptor to query the information on a reply after it is returned from the server and before control is returned to the client. [**receive\_request(ServerRequestInfo)**](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInterceptorOperations.html#receive_request(org.omg.PortableInterceptor.ServerRequestInfo)) - Method in interface org.omg.PortableInterceptor.[ServerRequestInterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInterceptorOperations.html) Allows an Interceptor to query request information after all the information, including operation parameters, are available. [**receive\_request\_service\_contexts(ServerRequestInfo)**](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInterceptorOperations.html#receive_request_service_contexts(org.omg.PortableInterceptor.ServerRequestInfo)) - Method in interface org.omg.PortableInterceptor.[ServerRequestInterceptorOperations](http://docs.google.com/org/omg/PortableInterceptor/ServerRequestInterceptorOperations.html) Allows the interceptor to process service context information. [**received\_exception()**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#received_exception()) - Method in interface org.omg.PortableInterceptor.[ClientRequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html) Returns an any which contains the exception to be returned to the client. [**received\_exception\_id()**](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html#received_exception_id()) - Method in interface org.omg.PortableInterceptor.[ClientRequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ClientRequestInfoOperations.html) Returns the repository id of the exception to be returned to the client. [**Receiver**](http://docs.google.com/javax/sound/midi/Receiver.html) - Interface in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html)A Receiver receives [MidiEvent](http://docs.google.com/javax/sound/midi/MidiEvent.html) objects and typically does something useful in response, such as interpreting them to generate sound or raw MIDI output.[**reclaim(AttributeSet)**](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html#reclaim(javax.swing.text.AttributeSet)) - Method in interface javax.swing.text.[AbstractDocument.AttributeContext](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html) Reclaims an attribute set. [**reclaim(AttributeSet)**](http://docs.google.com/javax/swing/text/StyleContext.html#reclaim(javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Returns a set no longer needed by the MutableAttributeSet implmentation. [**reconnect(Control[])**](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html#reconnect(javax.naming.ldap.Control%5B%5D)) - Method in class javax.naming.ldap.[InitialLdapContext](http://docs.google.com/javax/naming/ldap/InitialLdapContext.html)   [**reconnect(Control[])**](http://docs.google.com/javax/naming/ldap/LdapContext.html#reconnect(javax.naming.ldap.Control%5B%5D)) - Method in interface javax.naming.ldap.[LdapContext](http://docs.google.com/javax/naming/ldap/LdapContext.html) Reconnects to the LDAP server using the supplied controls and this context's environment. [**reconvert()**](http://docs.google.com/java/awt/im/InputContext.html#reconvert()) - Method in class java.awt.im.[InputContext](http://docs.google.com/java/awt/im/InputContext.html) Asks the current input method to reconvert text from the current client component. [**reconvert()**](http://docs.google.com/java/awt/im/spi/InputMethod.html#reconvert()) - Method in interface java.awt.im.spi.[InputMethod](http://docs.google.com/java/awt/im/spi/InputMethod.html) Starts the reconversion operation. [**recordDisable(Track)**](http://docs.google.com/javax/sound/midi/Sequencer.html#recordDisable(javax.sound.midi.Track)) - Method in interface javax.sound.midi.[Sequencer](http://docs.google.com/javax/sound/midi/Sequencer.html) Disables recording to the specified track. [**recordEnable(Track, int)**](http://docs.google.com/javax/sound/midi/Sequencer.html#recordEnable(javax.sound.midi.Track,%20int)) - Method in interface javax.sound.midi.[Sequencer](http://docs.google.com/javax/sound/midi/Sequencer.html) Prepares the specified track for recording events received on a particular channel. [**recover(int)**](http://docs.google.com/javax/transaction/xa/XAResource.html#recover(int)) - Method in interface javax.transaction.xa.[XAResource](http://docs.google.com/javax/transaction/xa/XAResource.html) Obtains a list of prepared transaction branches from a resource manager. [**Rectangle**](http://docs.google.com/java/awt/Rectangle.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)A Rectangle specifies an area in a coordinate space that is enclosed by the Rectangle object's upper-left point (x,y) in the coordinate space, its width, and its height.[**Rectangle()**](http://docs.google.com/java/awt/Rectangle.html#Rectangle()) - Constructor for class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) Constructs a new Rectangle whose upper-left corner is at (0, 0) in the coordinate space, and whose width and height are both zero. [**Rectangle(Rectangle)**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Rectangle)) - Constructor for class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) Constructs a new Rectangle, initialized to match the values of the specified Rectangle. [**Rectangle(int, int, int, int)**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(int,%20int,%20int,%20int)) - Constructor for class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) Constructs a new Rectangle whose upper-left corner is specified as (x,y) and whose width and height are specified by the arguments of the same name. [**Rectangle(int, int)**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(int,%20int)) - Constructor for class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) Constructs a new Rectangle whose upper-left corner is at (0, 0) in the coordinate space, and whose width and height are specified by the arguments of the same name. [**Rectangle(Point, Dimension)**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Point,%20java.awt.Dimension)) - Constructor for class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) Constructs a new Rectangle whose upper-left corner is specified by the [Point](http://docs.google.com/java/awt/Point.html) argument, and whose width and height are specified by the [Dimension](http://docs.google.com/java/awt/Dimension.html) argument. [**Rectangle(Point)**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Point)) - Constructor for class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) Constructs a new Rectangle whose upper-left corner is the specified Point, and whose width and height are both zero. [**Rectangle(Dimension)**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Dimension)) - Constructor for class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) Constructs a new Rectangle whose top left corner is (0, 0) and whose width and height are specified by the Dimension argument. [**Rectangle2D**](http://docs.google.com/java/awt/geom/Rectangle2D.html) - Class in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html)The Rectangle2D class describes a rectangle defined by a location (x,y) and dimension (w x h).[**Rectangle2D()**](http://docs.google.com/java/awt/geom/Rectangle2D.html#Rectangle2D()) - Constructor for class java.awt.geom.[Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) This is an abstract class that cannot be instantiated directly. [**Rectangle2D.Double**](http://docs.google.com/java/awt/geom/Rectangle2D.Double.html) - Class in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html)The Double class defines a rectangle specified in double coordinates.[**Rectangle2D.Double()**](http://docs.google.com/java/awt/geom/Rectangle2D.Double.html#Rectangle2D.Double()) - Constructor for class java.awt.geom.[Rectangle2D.Double](http://docs.google.com/java/awt/geom/Rectangle2D.Double.html) Constructs a new Rectangle2D, initialized to location (0, 0) and size (0, 0). [**Rectangle2D.Double(double, double, double, double)**](http://docs.google.com/java/awt/geom/Rectangle2D.Double.html#Rectangle2D.Double(double,%20double,%20double,%20double)) - Constructor for class java.awt.geom.[Rectangle2D.Double](http://docs.google.com/java/awt/geom/Rectangle2D.Double.html) Constructs and initializes a Rectangle2D from the specified double coordinates. [**Rectangle2D.Float**](http://docs.google.com/java/awt/geom/Rectangle2D.Float.html) - Class in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html)The Float class defines a rectangle specified in float coordinates.[**Rectangle2D.Float()**](http://docs.google.com/java/awt/geom/Rectangle2D.Float.html#Rectangle2D.Float()) - Constructor for class java.awt.geom.[Rectangle2D.Float](http://docs.google.com/java/awt/geom/Rectangle2D.Float.html) Constructs a new Rectangle2D, initialized to location (0.0, 0.0) and size (0.0, 0.0). [**Rectangle2D.Float(float, float, float, float)**](http://docs.google.com/java/awt/geom/Rectangle2D.Float.html#Rectangle2D.Float(float,%20float,%20float,%20float)) - Constructor for class java.awt.geom.[Rectangle2D.Float](http://docs.google.com/java/awt/geom/Rectangle2D.Float.html) Constructs and initializes a Rectangle2D from the specified float coordinates. [**rectangleForCurrentValue()**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#rectangleForCurrentValue()) - Method in class javax.swing.plaf.basic.[BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) Returns the area that is reserved for drawing the currently selected item. [**RectangularShape**](http://docs.google.com/java/awt/geom/RectangularShape.html) - Class in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html)RectangularShape is the base class for a number of [Shape](http://docs.google.com/java/awt/Shape.html) objects whose geometry is defined by a rectangular frame.[**RectangularShape()**](http://docs.google.com/java/awt/geom/RectangularShape.html#RectangularShape()) - Constructor for class java.awt.geom.[RectangularShape](http://docs.google.com/java/awt/geom/RectangularShape.html) This is an abstract class that cannot be instantiated directly. [**rects**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#rects) - Variable in class javax.swing.plaf.basic.[BasicTabbedPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html)   [**recycleNode()**](http://docs.google.com/javax/xml/soap/Node.html#recycleNode()) - Method in interface javax.xml.soap.[Node](http://docs.google.com/javax/xml/soap/Node.html) Notifies the implementation that this Node object is no longer being used by the application and that the implementation is free to reuse this object for nodes that may be created later. [**red**](http://docs.google.com/java/awt/Color.html#red) - Static variable in class java.awt.[Color](http://docs.google.com/java/awt/Color.html) The color red. [**RED**](http://docs.google.com/java/awt/Color.html#RED) - Static variable in class java.awt.[Color](http://docs.google.com/java/awt/Color.html) The color red. [**REDCOMPONENT**](http://docs.google.com/java/awt/color/ICC_ProfileRGB.html#REDCOMPONENT) - Static variable in class java.awt.color.[ICC\_ProfileRGB](http://docs.google.com/java/awt/color/ICC_ProfileRGB.html) Used to get a gamma value or TRC for the red component. [**redefineClasses(ClassDefinition...)**](http://docs.google.com/java/lang/instrument/Instrumentation.html#redefineClasses(java.lang.instrument.ClassDefinition...)) - Method in interface java.lang.instrument.[Instrumentation](http://docs.google.com/java/lang/instrument/Instrumentation.html) Redefine the supplied set of classes using the supplied class files. [**redirectErrorStream()**](http://docs.google.com/java/lang/ProcessBuilder.html#redirectErrorStream()) - Method in class java.lang.[ProcessBuilder](http://docs.google.com/java/lang/ProcessBuilder.html) Tells whether this process builder merges standard error and standard output. [**redirectErrorStream(boolean)**](http://docs.google.com/java/lang/ProcessBuilder.html#redirectErrorStream(boolean)) - Method in class java.lang.[ProcessBuilder](http://docs.google.com/java/lang/ProcessBuilder.html) Sets this process builder's redirectErrorStream property. [**redispatchEvent(Component, AWTEvent)**](http://docs.google.com/java/awt/KeyboardFocusManager.html#redispatchEvent(java.awt.Component,%20java.awt.AWTEvent)) - Method in class java.awt.[KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html) Redispatches an AWTEvent in such a way that the AWT event dispatcher will not recursively request that the KeyboardFocusManager, or any installed KeyEventDispatchers, dispatch the event again. [**redo()**](http://docs.google.com/javax/swing/text/AbstractDocument.DefaultDocumentEvent.html#redo()) - Method in class javax.swing.text.[AbstractDocument.DefaultDocumentEvent](http://docs.google.com/javax/swing/text/AbstractDocument.DefaultDocumentEvent.html) Redoes a change. [**redo()**](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html#redo()) - Method in class javax.swing.text.[AbstractDocument.ElementEdit](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html) Redoes a change. [**redo()**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#redo()) - Method in class javax.swing.text.[DefaultStyledDocument.AttributeUndoableEdit](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html) Redoes a change. [**redo()**](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#redo()) - Method in class javax.swing.undo.[AbstractUndoableEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html) Throws CannotRedoException if canRedo returns false. [**redo()**](http://docs.google.com/javax/swing/undo/CompoundEdit.html#redo()) - Method in class javax.swing.undo.[CompoundEdit](http://docs.google.com/javax/swing/undo/CompoundEdit.html) Sends redo to all contained UndoableEdits in the order in which they were added. [**redo()**](http://docs.google.com/javax/swing/undo/StateEdit.html#redo()) - Method in class javax.swing.undo.[StateEdit](http://docs.google.com/javax/swing/undo/StateEdit.html) Tells the edited object to apply the state after the edit [**redo()**](http://docs.google.com/javax/swing/undo/UndoableEdit.html#redo()) - Method in interface javax.swing.undo.[UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) Re-applies the edit. [**redo()**](http://docs.google.com/javax/swing/undo/UndoManager.html#redo()) - Method in class javax.swing.undo.[UndoManager](http://docs.google.com/javax/swing/undo/UndoManager.html) Redoes the appropriate edits. [**RedoName**](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#RedoName) - Static variable in class javax.swing.undo.[AbstractUndoableEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html) String returned by getRedoPresentationName; as of Java 2 platform v1.3.1 this field is no longer used. [**redoTo(UndoableEdit)**](http://docs.google.com/javax/swing/undo/UndoManager.html#redoTo(javax.swing.undo.UndoableEdit)) - Method in class javax.swing.undo.[UndoManager](http://docs.google.com/javax/swing/undo/UndoManager.html) Redoes all changes from the index of the next edit to edit, updating the index of the next edit appropriately. [**reducePermits(int)**](http://docs.google.com/java/util/concurrent/Semaphore.html#reducePermits(int)) - Method in class java.util.concurrent.[Semaphore](http://docs.google.com/java/util/concurrent/Semaphore.html) Shrinks the number of available permits by the indicated reduction. [**ReentrantLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html) - Class in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html)A reentrant mutual exclusion [Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html) with the same basic behavior and semantics as the implicit monitor lock accessed using synchronized methods and statements, but with extended capabilities.[**ReentrantLock()**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html#ReentrantLock()) - Constructor for class java.util.concurrent.locks.[ReentrantLock](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html) Creates an instance of ReentrantLock. [**ReentrantLock(boolean)**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html#ReentrantLock(boolean)) - Constructor for class java.util.concurrent.locks.[ReentrantLock](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html) Creates an instance of ReentrantLock with the given fairness policy. [**ReentrantReadWriteLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html) - Class in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html)An implementation of [ReadWriteLock](http://docs.google.com/java/util/concurrent/locks/ReadWriteLock.html) supporting similar semantics to [ReentrantLock](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html).[**ReentrantReadWriteLock()**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#ReentrantReadWriteLock()) - Constructor for class java.util.concurrent.locks.[ReentrantReadWriteLock](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html) Creates a new ReentrantReadWriteLock with default (nonfair) ordering properties. [**ReentrantReadWriteLock(boolean)**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#ReentrantReadWriteLock(boolean)) - Constructor for class java.util.concurrent.locks.[ReentrantReadWriteLock](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html) Creates a new ReentrantReadWriteLock with the given fairness policy. [**ReentrantReadWriteLock.ReadLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.ReadLock.html) - Class in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html)The lock returned by method [ReentrantReadWriteLock.readLock()](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#readLock()).[**ReentrantReadWriteLock.ReadLock(ReentrantReadWriteLock)**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.ReadLock.html#ReentrantReadWriteLock.ReadLock(java.util.concurrent.locks.ReentrantReadWriteLock)) - Constructor for class java.util.concurrent.locks.[ReentrantReadWriteLock.ReadLock](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.ReadLock.html) Constructor for use by subclasses [**ReentrantReadWriteLock.WriteLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.WriteLock.html) - Class in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html)The lock returned by method [ReentrantReadWriteLock.writeLock()](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#writeLock()).[**ReentrantReadWriteLock.WriteLock(ReentrantReadWriteLock)**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.WriteLock.html#ReentrantReadWriteLock.WriteLock(java.util.concurrent.locks.ReentrantReadWriteLock)) - Constructor for class java.util.concurrent.locks.[ReentrantReadWriteLock.WriteLock](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.WriteLock.html) Constructor for use by subclasses [**ref**](http://docs.google.com/java/rmi/server/RemoteObject.html#ref) - Variable in class java.rmi.server.[RemoteObject](http://docs.google.com/java/rmi/server/RemoteObject.html) The object's remote reference. [**Ref**](http://docs.google.com/java/sql/Ref.html) - Interface in [java.sql](http://docs.google.com/java/sql/package-summary.html)The mapping in the Java programming language of an SQL REF value, which is a reference to an SQL structured type value in the database.[**REF**](http://docs.google.com/java/sql/Types.html#REF) - 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 REF. [**REF\_MBEAN\_NOT\_REGISTERED**](http://docs.google.com/javax/management/relation/RoleStatus.html#REF_MBEAN_NOT_REGISTERED) - Static variable in class javax.management.relation.[RoleStatus](http://docs.google.com/javax/management/relation/RoleStatus.html) Problem type when trying to set a role value including the ObjectName of a MBean not registered in the MBean Server. [**REF\_MBEAN\_OF\_INCORRECT\_CLASS**](http://docs.google.com/javax/management/relation/RoleStatus.html#REF_MBEAN_OF_INCORRECT_CLASS) - Static variable in class javax.management.relation.[RoleStatus](http://docs.google.com/javax/management/relation/RoleStatus.html) Problem type when trying to set a role value including the ObjectName of a MBean not of the class expected for that role. [**RefAddr**](http://docs.google.com/javax/naming/RefAddr.html) - Class in [javax.naming](http://docs.google.com/javax/naming/package-summary.html)This class represents the address of a communications end-point.[**RefAddr(String)**](http://docs.google.com/javax/naming/RefAddr.html#RefAddr(java.lang.String)) - Constructor for class javax.naming.[RefAddr](http://docs.google.com/javax/naming/RefAddr.html) Constructs a new instance of RefAddr using its address type. [**Reference**](http://docs.google.com/java/lang/ref/Reference.html)<[T](http://docs.google.com/java/lang/ref/Reference.html)> - Class in [java.lang.ref](http://docs.google.com/java/lang/ref/package-summary.html)Abstract base class for reference objects.[**Reference**](http://docs.google.com/javax/naming/Reference.html) - Class in [javax.naming](http://docs.google.com/javax/naming/package-summary.html)This class represents a reference to an object that is found outside of the naming/directory system.[**Reference(String)**](http://docs.google.com/javax/naming/Reference.html#Reference(java.lang.String)) - Constructor for class javax.naming.[Reference](http://docs.google.com/javax/naming/Reference.html) Constructs a new reference for an object with class name 'className'. [**Reference(String, RefAddr)**](http://docs.google.com/javax/naming/Reference.html#Reference(java.lang.String,%20javax.naming.RefAddr)) - Constructor for class javax.naming.[Reference](http://docs.google.com/javax/naming/Reference.html) Constructs a new reference for an object with class name 'className' and an address. [**Reference(String, String, String)**](http://docs.google.com/javax/naming/Reference.html#Reference(java.lang.String,%20java.lang.String,%20java.lang.String)) - Constructor for class javax.naming.[Reference](http://docs.google.com/javax/naming/Reference.html) Constructs a new reference for an object with class name 'className', and the class name and location of the object's factory. [**Reference(String, RefAddr, String, String)**](http://docs.google.com/javax/naming/Reference.html#Reference(java.lang.String,%20javax.naming.RefAddr,%20java.lang.String,%20java.lang.String)) - Constructor for class javax.naming.[Reference](http://docs.google.com/javax/naming/Reference.html) Constructs a new reference for an object with class name 'className', the class name and location of the object's factory, and the address for the object. [**Reference**](http://docs.google.com/javax/xml/crypto/dsig/Reference.html) - Interface in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html)A representation of the Reference element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/).[**reference\_to\_id(Object)**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#reference_to_id(org.omg.CORBA.Object)) - Method in interface org.omg.PortableServer.[POAOperations](http://docs.google.com/org/omg/PortableServer/POAOperations.html) This operation returns the Object Id value encapsulated by the specified reference. [**reference\_to\_servant(Object)**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#reference_to_servant(org.omg.CORBA.Object)) - Method in interface org.omg.PortableServer.[POAOperations](http://docs.google.com/org/omg/PortableServer/POAOperations.html) If the POA has the RETAIN policy and the specified object is present in the Active Object Map, this operation returns the servant associated with that object in the Active Object Map. [**Referenceable**](http://docs.google.com/javax/naming/Referenceable.html) - Interface in [javax.naming](http://docs.google.com/javax/naming/package-summary.html)This interface is implemented by an object that can provide a Reference to itself.[**ReferenceQueue**](http://docs.google.com/java/lang/ref/ReferenceQueue.html)<[T](http://docs.google.com/java/lang/ref/ReferenceQueue.html)> - Class in [java.lang.ref](http://docs.google.com/java/lang/ref/package-summary.html)Reference queues, to which registered reference objects are appended by the garbage collector after the appropriate reachability changes are detected.[**ReferenceQueue()**](http://docs.google.com/java/lang/ref/ReferenceQueue.html#ReferenceQueue()) - Constructor for class java.lang.ref.[ReferenceQueue](http://docs.google.com/java/lang/ref/ReferenceQueue.html) Constructs a new reference-object queue. [**ReferenceType**](http://docs.google.com/javax/lang/model/type/ReferenceType.html) - Interface in [javax.lang.model.type](http://docs.google.com/javax/lang/model/type/package-summary.html)Represents a reference type.[**ReferenceUriSchemesSupported**](http://docs.google.com/javax/print/attribute/standard/ReferenceUriSchemesSupported.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class ReferenceUriSchemesSupported is a printing attribute class an enumeration, that indicates a "URI scheme," such as "http:" or "ftp:", that a printer can use to retrieve print data stored at a URI location.[**ReferenceUriSchemesSupported(int)**](http://docs.google.com/javax/print/attribute/standard/ReferenceUriSchemesSupported.html#ReferenceUriSchemesSupported(int)) - Constructor for class javax.print.attribute.standard.[ReferenceUriSchemesSupported](http://docs.google.com/javax/print/attribute/standard/ReferenceUriSchemesSupported.html) Construct a new reference URI scheme enumeration value with the given integer value. [**REFERRAL**](http://docs.google.com/javax/naming/Context.html#REFERRAL) - Static variable in interface javax.naming.[Context](http://docs.google.com/javax/naming/Context.html) Constant that holds the name of the environment property for specifying how referrals encountered by the service provider are to be processed. [**ReferralException**](http://docs.google.com/javax/naming/ReferralException.html) - Exception in [javax.naming](http://docs.google.com/javax/naming/package-summary.html)This abstract class is used to represent a referral exception, which is generated in response to a *referral* such as that returned by LDAP v3 servers.[**ReferralException(String)**](http://docs.google.com/javax/naming/ReferralException.html#ReferralException(java.lang.String)) - Constructor for exception javax.naming.[ReferralException](http://docs.google.com/javax/naming/ReferralException.html) Constructs a new instance of ReferralException using the explanation supplied. [**ReferralException()**](http://docs.google.com/javax/naming/ReferralException.html#ReferralException()) - Constructor for exception javax.naming.[ReferralException](http://docs.google.com/javax/naming/ReferralException.html) Constructs a new instance of ReferralException. [**ReflectionException**](http://docs.google.com/javax/management/ReflectionException.html) - Exception in [javax.management](http://docs.google.com/javax/management/package-summary.html)Represents exceptions thrown in the MBean server when using the java.lang.reflect classes to invoke methods on MBeans.[**ReflectionException(Exception)**](http://docs.google.com/javax/management/ReflectionException.html#ReflectionException(java.lang.Exception)) - Constructor for exception javax.management.[ReflectionException](http://docs.google.com/javax/management/ReflectionException.html) Creates a ReflectionException that wraps the actual java.lang.Exception. [**ReflectionException(Exception, String)**](http://docs.google.com/javax/management/ReflectionException.html#ReflectionException(java.lang.Exception,%20java.lang.String)) - Constructor for exception javax.management.[ReflectionException](http://docs.google.com/javax/management/ReflectionException.html) Creates a ReflectionException that wraps the actual java.lang.Exception with a detail message. [**ReflectPermission**](http://docs.google.com/java/lang/reflect/ReflectPermission.html) - Class in [java.lang.reflect](http://docs.google.com/java/lang/reflect/package-summary.html)The Permission class for reflective operations.[**ReflectPermission(String)**](http://docs.google.com/java/lang/reflect/ReflectPermission.html#ReflectPermission(java.lang.String)) - Constructor for class java.lang.reflect.[ReflectPermission](http://docs.google.com/java/lang/reflect/ReflectPermission.html) Constructs a ReflectPermission with the specified name. [**ReflectPermission(String, String)**](http://docs.google.com/java/lang/reflect/ReflectPermission.html#ReflectPermission(java.lang.String,%20java.lang.String)) - Constructor for class java.lang.reflect.[ReflectPermission](http://docs.google.com/java/lang/reflect/ReflectPermission.html) Constructs a ReflectPermission with the specified name and actions. [**refresh()**](http://docs.google.com/java/security/Policy.html#refresh()) - Method in class java.security.[Policy](http://docs.google.com/java/security/Policy.html) Refreshes/reloads the policy configuration. [**refresh()**](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html#refresh()) - Method in class javax.security.auth.kerberos.[KerberosTicket](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html) Extends the validity period of this ticket. [**refresh()**](http://docs.google.com/javax/security/auth/login/Configuration.html#refresh()) - Method in class javax.security.auth.login.[Configuration](http://docs.google.com/javax/security/auth/login/Configuration.html) Refresh and reload the Configuration. [**refresh()**](http://docs.google.com/javax/security/auth/Policy.html#refresh()) - Method in class javax.security.auth.[Policy](http://docs.google.com/javax/security/auth/Policy.html) **Deprecated.** Refresh and reload the Policy. [**refresh()**](http://docs.google.com/javax/security/auth/Refreshable.html#refresh()) - Method in interface javax.security.auth.[Refreshable](http://docs.google.com/javax/security/auth/Refreshable.html) Update or extend the validity period for this Object. [**REFRESH\_RATE\_UNKNOWN**](http://docs.google.com/java/awt/DisplayMode.html#REFRESH_RATE_UNKNOWN) - Static variable in class java.awt.[DisplayMode](http://docs.google.com/java/awt/DisplayMode.html) Value of the refresh rate if not known. [**Refreshable**](http://docs.google.com/javax/security/auth/Refreshable.html) - Interface in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html)Objects such as credentials may optionally implement this interface to provide the capability to refresh itself.[**RefreshFailedException**](http://docs.google.com/javax/security/auth/RefreshFailedException.html) - Exception in [javax.security.auth](http://docs.google.com/javax/security/auth/package-summary.html)Signals that a refresh operation failed.[**RefreshFailedException()**](http://docs.google.com/javax/security/auth/RefreshFailedException.html#RefreshFailedException()) - Constructor for exception javax.security.auth.[RefreshFailedException](http://docs.google.com/javax/security/auth/RefreshFailedException.html) Constructs a RefreshFailedException with no detail message. [**RefreshFailedException(String)**](http://docs.google.com/javax/security/auth/RefreshFailedException.html#RefreshFailedException(java.lang.String)) - Constructor for exception javax.security.auth.[RefreshFailedException](http://docs.google.com/javax/security/auth/RefreshFailedException.html) Constructs a RefreshFailedException with the specified detail message. [**refreshRow()**](http://docs.google.com/java/sql/ResultSet.html#refreshRow()) - Method in interface java.sql.[ResultSet](http://docs.google.com/java/sql/ResultSet.html) Refreshes the current row with its most recent value in the database. [**regexFilter(String, int...)**](http://docs.google.com/javax/swing/RowFilter.html#regexFilter(java.lang.String,%20int...)) - Static method in class javax.swing.[RowFilter](http://docs.google.com/javax/swing/RowFilter.html) Returns a RowFilter that uses a regular expression to determine which entries to include. [**region(int, int)**](http://docs.google.com/java/util/regex/Matcher.html#region(int,%20int)) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Sets the limits of this matcher's region. [**Region**](http://docs.google.com/javax/swing/plaf/synth/Region.html) - Class in [javax.swing.plaf.synth](http://docs.google.com/javax/swing/plaf/synth/package-summary.html)A distinct rendering area of a Swing component.[**Region(String, String, boolean)**](http://docs.google.com/javax/swing/plaf/synth/Region.html#Region(java.lang.String,%20java.lang.String,%20boolean)) - Constructor for class javax.swing.plaf.synth.[Region](http://docs.google.com/javax/swing/plaf/synth/Region.html) Creates a Region with the specified name. [**regionEnd()**](http://docs.google.com/java/util/regex/Matcher.html#regionEnd()) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Reports the end index (exclusive) of this matcher's region. [**regionMatches(int, String, int, int)**](http://docs.google.com/java/lang/String.html#regionMatches(int,%20java.lang.String,%20int,%20int)) - Method in class java.lang.[String](http://docs.google.com/java/lang/String.html) Tests if two string regions are equal. [**regionMatches(boolean, int, String, int, int)**](http://docs.google.com/java/lang/String.html#regionMatches(boolean,%20int,%20java.lang.String,%20int,%20int)) - Method in class java.lang.[String](http://docs.google.com/java/lang/String.html) Tests if two string regions are equal. [**regionStart()**](http://docs.google.com/java/util/regex/Matcher.html#regionStart()) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Reports the start index of this matcher's region. [**register(Selector, int, Object)**](http://docs.google.com/java/nio/channels/SelectableChannel.html#register(java.nio.channels.Selector,%20int,%20java.lang.Object)) - Method in class java.nio.channels.[SelectableChannel](http://docs.google.com/java/nio/channels/SelectableChannel.html) Registers this channel with the given selector, returning a selection key. [**register(Selector, int)**](http://docs.google.com/java/nio/channels/SelectableChannel.html#register(java.nio.channels.Selector,%20int)) - Method in class java.nio.channels.[SelectableChannel](http://docs.google.com/java/nio/channels/SelectableChannel.html) Registers this channel with the given selector, returning a selection key. [**register(Selector, int, Object)**](http://docs.google.com/java/nio/channels/spi/AbstractSelectableChannel.html#register(java.nio.channels.Selector,%20int,%20java.lang.Object)) - Method in class java.nio.channels.spi.[AbstractSelectableChannel](http://docs.google.com/java/nio/channels/spi/AbstractSelectableChannel.html) Registers this channel with the given selector, returning a selection key. [**register(AbstractSelectableChannel, int, Object)**](http://docs.google.com/java/nio/channels/spi/AbstractSelector.html#register(java.nio.channels.spi.AbstractSelectableChannel,%20int,%20java.lang.Object)) - Method in class java.nio.channels.spi.[AbstractSelector](http://docs.google.com/java/nio/channels/spi/AbstractSelector.html) Registers the given channel with this selector. [**register(ActivationDesc)**](http://docs.google.com/java/rmi/activation/Activatable.html#register(java.rmi.activation.ActivationDesc)) - Static method in class java.rmi.activation.[Activatable](http://docs.google.com/java/rmi/activation/Activatable.html) Register an object descriptor for an activatable remote object so that is can be activated on demand. [**register\_initial\_reference(String, Object)**](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoOperations.html#register_initial_reference(java.lang.String,%20org.omg.CORBA.Object)) - Method in interface org.omg.PortableInterceptor.[ORBInitInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoOperations.html) Identical to ORB.register\_initial\_reference. [**register\_policy\_factory(int, PolicyFactory)**](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoOperations.html#register_policy_factory(int,%20org.omg.PortableInterceptor.PolicyFactory)) - Method in interface org.omg.PortableInterceptor.[ORBInitInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoOperations.html) Registers a PolicyFactory for the given PolicyType. [**register\_value\_factory(String, ValueFactory)**](http://docs.google.com/org/omg/CORBA_2_3/ORB.html#register_value_factory(java.lang.String,%20org.omg.CORBA.portable.ValueFactory)) - Method in class org.omg.CORBA\_2\_3.[ORB](http://docs.google.com/org/omg/CORBA_2_3/ORB.html)   [**RegisterableService**](http://docs.google.com/javax/imageio/spi/RegisterableService.html) - Interface in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html)An optional interface that may be provided by service provider objects that will be registered with a ServiceRegistry.[**registerApplicationClasspathSpis()**](http://docs.google.com/javax/imageio/spi/IIORegistry.html#registerApplicationClasspathSpis()) - Method in class javax.imageio.spi.[IIORegistry](http://docs.google.com/javax/imageio/spi/IIORegistry.html) Registers all available service providers found on the application class path, using the default ClassLoader. [**registerComponent(JComponent)**](http://docs.google.com/javax/swing/ToolTipManager.html#registerComponent(javax.swing.JComponent)) - Method in class javax.swing.[ToolTipManager](http://docs.google.com/javax/swing/ToolTipManager.html) Registers a component for tooltip management. [**registerDriver(Driver)**](http://docs.google.com/java/sql/DriverManager.html#registerDriver(java.sql.Driver)) - Static method in class java.sql.[DriverManager](http://docs.google.com/java/sql/DriverManager.html) Registers the given driver with the DriverManager. [**registerEditor(Class<?>, Class<?>)**](http://docs.google.com/java/beans/PropertyEditorManager.html#registerEditor(java.lang.Class,%20java.lang.Class)) - Static method in class java.beans.[PropertyEditorManager](http://docs.google.com/java/beans/PropertyEditorManager.html) Register an editor class to be used to edit values of a given target class. [**registerEditorKitForContentType(String, String)**](http://docs.google.com/javax/swing/JEditorPane.html#registerEditorKitForContentType(java.lang.String,%20java.lang.String)) - Static method in class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Establishes the default bindings of type to classname. [**registerEditorKitForContentType(String, String, ClassLoader)**](http://docs.google.com/javax/swing/JEditorPane.html#registerEditorKitForContentType(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader)) - Static method in class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Establishes the default bindings of type to classname. [**registerEngineExtension(String, ScriptEngineFactory)**](http://docs.google.com/javax/script/ScriptEngineManager.html#registerEngineExtension(java.lang.String,%20javax.script.ScriptEngineFactory)) - Method in class javax.script.[ScriptEngineManager](http://docs.google.com/javax/script/ScriptEngineManager.html) Registers a ScriptEngineFactory to handle an extension. [**registerEngineMimeType(String, ScriptEngineFactory)**](http://docs.google.com/javax/script/ScriptEngineManager.html#registerEngineMimeType(java.lang.String,%20javax.script.ScriptEngineFactory)) - Method in class javax.script.[ScriptEngineManager](http://docs.google.com/javax/script/ScriptEngineManager.html) Registers a ScriptEngineFactory to handle a mime type. [**registerEngineName(String, ScriptEngineFactory)**](http://docs.google.com/javax/script/ScriptEngineManager.html#registerEngineName(java.lang.String,%20javax.script.ScriptEngineFactory)) - Method in class javax.script.[ScriptEngineManager](http://docs.google.com/javax/script/ScriptEngineManager.html) Registers a ScriptEngineFactory to handle a language name. [**registerFont(Font)**](http://docs.google.com/java/awt/GraphicsEnvironment.html#registerFont(java.awt.Font)) - Method in class java.awt.[GraphicsEnvironment](http://docs.google.com/java/awt/GraphicsEnvironment.html) Registers a */created* Fontin this GraphicsEnvironment. [**registerGroup(ActivationGroupDesc)**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#registerGroup(java.rmi.activation.ActivationGroupDesc)) - Method in interface java.rmi.activation.[ActivationSystem](http://docs.google.com/java/rmi/activation/ActivationSystem.html) Register the activation group. [**registerKeyboardAction(ActionListener, String, KeyStroke, int)**](http://docs.google.com/javax/swing/JComponent.html#registerKeyboardAction(java.awt.event.ActionListener,%20java.lang.String,%20javax.swing.KeyStroke,%20int)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) This method is now obsolete, please use a combination of getActionMap() and getInputMap() for similiar behavior. [**registerKeyboardAction(ActionListener, KeyStroke, int)**](http://docs.google.com/javax/swing/JComponent.html#registerKeyboardAction(java.awt.event.ActionListener,%20javax.swing.KeyStroke,%20int)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) This method is now obsolete, please use a combination of getActionMap() and getInputMap() for similiar behavior. [**registerKeyboardActions()**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#registerKeyboardActions()) - Method in class javax.swing.plaf.basic.[BasicDesktopPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html)   [**registerListeners()**](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html#registerListeners()) - Method in class java.awt.dnd.[DragGestureRecognizer](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html) register this DragGestureRecognizer's Listeners with the Component subclasses must override this method [**registerListeners()**](http://docs.google.com/java/awt/dnd/MouseDragGestureRecognizer.html#registerListeners()) - Method in class java.awt.dnd.[MouseDragGestureRecognizer](http://docs.google.com/java/awt/dnd/MouseDragGestureRecognizer.html) register this DragGestureRecognizer's Listeners with the Component [**registerMBean(Object, ObjectName)**](http://docs.google.com/javax/management/MBeanServer.html#registerMBean(java.lang.Object,%20javax.management.ObjectName)) - Method in interface javax.management.[MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) Registers a pre-existing object as an MBean with the MBean server. [**registerObject(ActivationDesc)**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#registerObject(java.rmi.activation.ActivationDesc)) - Method in interface java.rmi.activation.[ActivationSystem](http://docs.google.com/java/rmi/activation/ActivationSystem.html) The registerObject method is used to register an activation descriptor, desc, and obtain an activation identifier for a activatable remote object. [**registerOutParameter(int, int)**](http://docs.google.com/java/sql/CallableStatement.html#registerOutParameter(int,%20int)) - Method in interface java.sql.[CallableStatement](http://docs.google.com/java/sql/CallableStatement.html) Registers the OUT parameter in ordinal position parameterIndex to the JDBC type sqlType. [**registerOutParameter(int, int, int)**](http://docs.google.com/java/sql/CallableStatement.html#registerOutParameter(int,%20int,%20int)) - Method in interface java.sql.[CallableStatement](http://docs.google.com/java/sql/CallableStatement.html) Registers the parameter in ordinal position parameterIndex to be of JDBC type sqlType. [**registerOutParameter(int, int, String)**](http://docs.google.com/java/sql/CallableStatement.html#registerOutParameter(int,%20int,%20java.lang.String)) - Method in interface java.sql.[CallableStatement](http://docs.google.com/java/sql/CallableStatement.html) Registers the designated output parameter. [**registerOutParameter(String, int)**](http://docs.google.com/java/sql/CallableStatement.html#registerOutParameter(java.lang.String,%20int)) - Method in interface java.sql.[CallableStatement](http://docs.google.com/java/sql/CallableStatement.html) Registers the OUT parameter named parameterName to the JDBC type sqlType. [**registerOutParameter(String, int, int)**](http://docs.google.com/java/sql/CallableStatement.html#registerOutParameter(java.lang.String,%20int,%20int)) - Method in interface java.sql.[CallableStatement](http://docs.google.com/java/sql/CallableStatement.html) Registers the parameter named parameterName to be of JDBC type sqlType. [**registerOutParameter(String, int, String)**](http://docs.google.com/java/sql/CallableStatement.html#registerOutParameter(java.lang.String,%20int,%20java.lang.String)) - Method in interface java.sql.[CallableStatement](http://docs.google.com/java/sql/CallableStatement.html) Registers the designated output parameter. [**registerProvider(String)**](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html#registerProvider(java.lang.String)) - Static method in class javax.sql.rowset.spi.[SyncFactory](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html) Adds the the given synchronization provider to the factory register. [**registerService(PrintService)**](http://docs.google.com/javax/print/PrintServiceLookup.html#registerService(javax.print.PrintService)) - Static method in class javax.print.[PrintServiceLookup](http://docs.google.com/javax/print/PrintServiceLookup.html) Allows an application to directly register an instance of a class which implements a print service. [**registerServiceProvider(T, Class<T>)**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#registerServiceProvider(T,%20java.lang.Class)) - Method in class javax.imageio.spi.[ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) Adds a service provider object to the registry. [**registerServiceProvider(Object)**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#registerServiceProvider(java.lang.Object)) - Method in class javax.imageio.spi.[ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) Adds a service provider object to the registry. [**registerServiceProvider(PrintServiceLookup)**](http://docs.google.com/javax/print/PrintServiceLookup.html#registerServiceProvider(javax.print.PrintServiceLookup)) - Static method in class javax.print.[PrintServiceLookup](http://docs.google.com/javax/print/PrintServiceLookup.html) Allows an application to explicitly register a class that implements lookup services. [**registerServiceProviders(Iterator<?>)**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html#registerServiceProviders(java.util.Iterator)) - Method in class javax.imageio.spi.[ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) Adds a set of service provider objects, taken from an Iterator to the registry. [**registerStaticAttributeKey(Object)**](http://docs.google.com/javax/swing/text/StyleContext.html#registerStaticAttributeKey(java.lang.Object)) - Static method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Registers an object as a static object that is being used as a key in attribute sets. [**registerSubclass(Class<?>)**](http://docs.google.com/java/awt/AWTKeyStroke.html#registerSubclass(java.lang.Class)) - Static method in class java.awt.[AWTKeyStroke](http://docs.google.com/java/awt/AWTKeyStroke.html) Registers a new class which the factory methods in AWTKeyStroke will use when generating new instances of AWTKeyStrokes. [**registerTag(HTML.Tag, HTMLDocument.HTMLReader.TagAction)**](http://docs.google.com/javax/swing/text/html/HTMLDocument.HTMLReader.html#registerTag(javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTMLDocument.HTMLReader.TagAction)) - Method in class javax.swing.text.html.[HTMLDocument.HTMLReader](http://docs.google.com/javax/swing/text/html/HTMLDocument.HTMLReader.html) Registers a handler for the given tag. [**registerTarget(Tie, Remote)**](http://docs.google.com/javax/rmi/CORBA/Util.html#registerTarget(javax.rmi.CORBA.Tie,%20java.rmi.Remote)) - Static method in class javax.rmi.CORBA.[Util](http://docs.google.com/javax/rmi/CORBA/Util.html) Registers a target for a tie. [**registerTarget(Tie, Remote)**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#registerTarget(javax.rmi.CORBA.Tie,%20java.rmi.Remote)) - Method in interface javax.rmi.CORBA.[UtilDelegate](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html) Delegation call for [Util.registerTarget(javax.rmi.CORBA.Tie, java.rmi.Remote)](http://docs.google.com/javax/rmi/CORBA/Util.html#registerTarget(javax.rmi.CORBA.Tie,%20java.rmi.Remote)). [**registerValidation(ObjectInputValidation, int)**](http://docs.google.com/java/io/ObjectInputStream.html#registerValidation(java.io.ObjectInputValidation,%20int)) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Register an object to be validated before the graph is returned. [**REGISTRATION\_NOTIFICATION**](http://docs.google.com/javax/management/MBeanServerNotification.html#REGISTRATION_NOTIFICATION) - Static variable in class javax.management.[MBeanServerNotification](http://docs.google.com/javax/management/MBeanServerNotification.html) Notification type denoting that an MBean has been registered. [**Registry**](http://docs.google.com/java/rmi/registry/Registry.html) - Interface in [java.rmi.registry](http://docs.google.com/java/rmi/registry/package-summary.html)Registry is a remote interface to a simple remote object registry that provides methods for storing and retrieving remote object references bound with arbitrary string names.[**REGISTRY\_ID**](http://docs.google.com/java/rmi/server/ObjID.html#REGISTRY_ID) - Static variable in class java.rmi.server.[ObjID](http://docs.google.com/java/rmi/server/ObjID.html) Object number for well-known ObjID of the registry. [**REGISTRY\_PORT**](http://docs.google.com/java/rmi/registry/Registry.html#REGISTRY_PORT) - Static variable in interface java.rmi.registry.[Registry](http://docs.google.com/java/rmi/registry/Registry.html) Well known port for registry. [**RegistryHandler**](http://docs.google.com/java/rmi/registry/RegistryHandler.html) - Interface in [java.rmi.registry](http://docs.google.com/java/rmi/registry/package-summary.html)**Deprecated.** *no replacement*[**registryImpl(int)**](http://docs.google.com/java/rmi/registry/RegistryHandler.html#registryImpl(int)) - Method in interface java.rmi.registry.[RegistryHandler](http://docs.google.com/java/rmi/registry/RegistryHandler.html) **Deprecated.** *no replacement. As of the Java 2 platform v1.2, RMI no longer uses the RegistryHandler to obtain the registry's implementation.* [**registryStub(String, int)**](http://docs.google.com/java/rmi/registry/RegistryHandler.html#registryStub(java.lang.String,%20int)) - Method in interface java.rmi.registry.[RegistryHandler](http://docs.google.com/java/rmi/registry/RegistryHandler.html) **Deprecated.** *no replacement. As of the Java 2 platform v1.2, RMI no longer uses the RegistryHandler to obtain the registry's stub.* [**rehash()**](http://docs.google.com/java/util/Hashtable.html#rehash()) - Method in class java.util.[Hashtable](http://docs.google.com/java/util/Hashtable.html) Increases the capacity of and internally reorganizes this hashtable, in order to accommodate and access its entries more efficiently. [**rejectDrag()**](http://docs.google.com/java/awt/dnd/DropTargetContext.html#rejectDrag()) - Method in class java.awt.dnd.[DropTargetContext](http://docs.google.com/java/awt/dnd/DropTargetContext.html) reject the Drag. [**rejectDrag()**](http://docs.google.com/java/awt/dnd/DropTargetDragEvent.html#rejectDrag()) - Method in class java.awt.dnd.[DropTargetDragEvent](http://docs.google.com/java/awt/dnd/DropTargetDragEvent.html) Rejects the drag as a result of examining either the dropAction or the available DataFlavor types. [**rejectDrop()**](http://docs.google.com/java/awt/dnd/DropTargetContext.html#rejectDrop()) - Method in class java.awt.dnd.[DropTargetContext](http://docs.google.com/java/awt/dnd/DropTargetContext.html) called to signal that the drop is unacceptable. [**rejectDrop()**](http://docs.google.com/java/awt/dnd/DropTargetDropEvent.html#rejectDrop()) - Method in class java.awt.dnd.[DropTargetDropEvent](http://docs.google.com/java/awt/dnd/DropTargetDropEvent.html) reject the Drop. [**rejectedExecution(Runnable, ThreadPoolExecutor)**](http://docs.google.com/java/util/concurrent/RejectedExecutionHandler.html#rejectedExecution(java.lang.Runnable,%20java.util.concurrent.ThreadPoolExecutor)) - Method in interface java.util.concurrent.[RejectedExecutionHandler](http://docs.google.com/java/util/concurrent/RejectedExecutionHandler.html) Method that may be invoked by a [ThreadPoolExecutor](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.html) when [execute](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.html#execute(java.lang.Runnable)) cannot accept a task. [**rejectedExecution(Runnable, ThreadPoolExecutor)**](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.AbortPolicy.html#rejectedExecution(java.lang.Runnable,%20java.util.concurrent.ThreadPoolExecutor)) - Method in class java.util.concurrent.[ThreadPoolExecutor.AbortPolicy](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.AbortPolicy.html) Always throws RejectedExecutionException. [**rejectedExecution(Runnable, ThreadPoolExecutor)**](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.CallerRunsPolicy.html#rejectedExecution(java.lang.Runnable,%20java.util.concurrent.ThreadPoolExecutor)) - Method in class java.util.concurrent.[ThreadPoolExecutor.CallerRunsPolicy](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.CallerRunsPolicy.html) Executes task r in the caller's thread, unless the executor has been shut down, in which case the task is discarded. [**rejectedExecution(Runnable, ThreadPoolExecutor)**](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.DiscardOldestPolicy.html#rejectedExecution(java.lang.Runnable,%20java.util.concurrent.ThreadPoolExecutor)) - Method in class java.util.concurrent.[ThreadPoolExecutor.DiscardOldestPolicy](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.DiscardOldestPolicy.html) Obtains and ignores the next task that the executor would otherwise execute, if one is immediately available, and then retries execution of task r, unless the executor is shut down, in which case task r is instead discarded. [**rejectedExecution(Runnable, ThreadPoolExecutor)**](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.DiscardPolicy.html#rejectedExecution(java.lang.Runnable,%20java.util.concurrent.ThreadPoolExecutor)) - Method in class java.util.concurrent.[ThreadPoolExecutor.DiscardPolicy](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.DiscardPolicy.html) Does nothing, which has the effect of discarding task r. [**RejectedExecutionException**](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html) - Exception in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html)Exception thrown by an [Executor](http://docs.google.com/java/util/concurrent/Executor.html) when a task cannot be accepted for execution.[**RejectedExecutionException()**](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html#RejectedExecutionException()) - Constructor for exception java.util.concurrent.[RejectedExecutionException](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html) Constructs a RejectedExecutionException with no detail message. [**RejectedExecutionException(String)**](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html#RejectedExecutionException(java.lang.String)) - Constructor for exception java.util.concurrent.[RejectedExecutionException](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html) Constructs a RejectedExecutionException with the specified detail message. [**RejectedExecutionException(String, Throwable)**](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html#RejectedExecutionException(java.lang.String,%20java.lang.Throwable)) - Constructor for exception java.util.concurrent.[RejectedExecutionException](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html) Constructs a RejectedExecutionException with the specified detail message and cause. [**RejectedExecutionException(Throwable)**](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html#RejectedExecutionException(java.lang.Throwable)) - Constructor for exception java.util.concurrent.[RejectedExecutionException](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html) Constructs a RejectedExecutionException with the specified cause. [**RejectedExecutionHandler**](http://docs.google.com/java/util/concurrent/RejectedExecutionHandler.html) - Interface in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html)A handler for tasks that cannot be executed by a [ThreadPoolExecutor](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.html).[**rejectedSetBCOnce**](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html#rejectedSetBCOnce) - Variable in class java.beans.beancontext.[BeanContextChildSupport](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html) A flag indicating that there has been at least one PropertyChangeVetoException thrown for the attempted setBeanContext operation. [**REL**](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html#REL) - Static variable in class javax.swing.text.html.[HTML.Attribute](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html)   [**Relation**](http://docs.google.com/javax/management/relation/Relation.html) - Interface in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This interface has to be implemented by any MBean class expected to represent a relation managed using the Relation Service.[**RELATION\_BASIC\_CREATION**](http://docs.google.com/javax/management/relation/RelationNotification.html#RELATION_BASIC_CREATION) - Static variable in class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Type for the creation of an internal relation. [**RELATION\_BASIC\_REMOVAL**](http://docs.google.com/javax/management/relation/RelationNotification.html#RELATION_BASIC_REMOVAL) - Static variable in class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Type for the removal from the Relation Service of an internal relation. [**RELATION\_BASIC\_UPDATE**](http://docs.google.com/javax/management/relation/RelationNotification.html#RELATION_BASIC_UPDATE) - Static variable in class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Type for an update of an internal relation. [**RELATION\_MBEAN\_CREATION**](http://docs.google.com/javax/management/relation/RelationNotification.html#RELATION_MBEAN_CREATION) - Static variable in class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Type for the relation MBean added into the Relation Service. [**RELATION\_MBEAN\_REMOVAL**](http://docs.google.com/javax/management/relation/RelationNotification.html#RELATION_MBEAN_REMOVAL) - Static variable in class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Type for the removal from the Relation Service of a relation MBean. [**RELATION\_MBEAN\_UPDATE**](http://docs.google.com/javax/management/relation/RelationNotification.html#RELATION_MBEAN_UPDATE) - Static variable in class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Type for the update of a relation MBean. [**RelationException**](http://docs.google.com/javax/management/relation/RelationException.html) - Exception in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This class is the superclass of any exception which can be raised during relation management.[**RelationException()**](http://docs.google.com/javax/management/relation/RelationException.html#RelationException()) - Constructor for exception javax.management.relation.[RelationException](http://docs.google.com/javax/management/relation/RelationException.html) Default constructor, no message put in exception. [**RelationException(String)**](http://docs.google.com/javax/management/relation/RelationException.html#RelationException(java.lang.String)) - Constructor for exception javax.management.relation.[RelationException](http://docs.google.com/javax/management/relation/RelationException.html) Constructor with given message put in exception. [**RelationNotFoundException**](http://docs.google.com/javax/management/relation/RelationNotFoundException.html) - Exception in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This exception is raised when there is no relation for a given relation id in a Relation Service.[**RelationNotFoundException()**](http://docs.google.com/javax/management/relation/RelationNotFoundException.html#RelationNotFoundException()) - Constructor for exception javax.management.relation.[RelationNotFoundException](http://docs.google.com/javax/management/relation/RelationNotFoundException.html) Default constructor, no message put in exception. [**RelationNotFoundException(String)**](http://docs.google.com/javax/management/relation/RelationNotFoundException.html#RelationNotFoundException(java.lang.String)) - Constructor for exception javax.management.relation.[RelationNotFoundException](http://docs.google.com/javax/management/relation/RelationNotFoundException.html) Constructor with given message put in exception. [**RelationNotification**](http://docs.google.com/javax/management/relation/RelationNotification.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)A notification of a change in the Relation Service.[**RelationNotification(String, Object, long, long, String, String, String, ObjectName, List<ObjectName>)**](http://docs.google.com/javax/management/relation/RelationNotification.html#RelationNotification(java.lang.String,%20java.lang.Object,%20long,%20long,%20java.lang.String,%20java.lang.String,%20java.lang.String,%20javax.management.ObjectName,%20java.util.List)) - Constructor for class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Creates a notification for either a relation creation (RelationSupport object created internally in the Relation Service, or an MBean added as a relation) or for a relation removal from the Relation Service. [**RelationNotification(String, Object, long, long, String, String, String, ObjectName, String, List<ObjectName>, List<ObjectName>)**](http://docs.google.com/javax/management/relation/RelationNotification.html#RelationNotification(java.lang.String,%20java.lang.Object,%20long,%20long,%20java.lang.String,%20java.lang.String,%20java.lang.String,%20javax.management.ObjectName,%20java.lang.String,%20java.util.List,%20java.util.List)) - Constructor for class javax.management.relation.[RelationNotification](http://docs.google.com/javax/management/relation/RelationNotification.html) Creates a notification for a role update in a relation. [**relations**](http://docs.google.com/javax/accessibility/AccessibleRelationSet.html#relations) - Variable in class javax.accessibility.[AccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleRelationSet.html) Each entry in the Vector represents an AccessibleRelation. [**RelationService**](http://docs.google.com/javax/management/relation/RelationService.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)The Relation Service is in charge of creating and deleting relation types and relations, of handling the consistency and of providing query mechanisms.[**RelationService(boolean)**](http://docs.google.com/javax/management/relation/RelationService.html#RelationService(boolean)) - Constructor for class javax.management.relation.[RelationService](http://docs.google.com/javax/management/relation/RelationService.html) Constructor. [**RelationServiceMBean**](http://docs.google.com/javax/management/relation/RelationServiceMBean.html) - Interface in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)The Relation Service is in charge of creating and deleting relation types and relations, of handling the consistency and of providing query mechanisms.[**RelationServiceNotRegisteredException**](http://docs.google.com/javax/management/relation/RelationServiceNotRegisteredException.html) - Exception in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This exception is raised when an access is done to the Relation Service and that one is not registered.[**RelationServiceNotRegisteredException()**](http://docs.google.com/javax/management/relation/RelationServiceNotRegisteredException.html#RelationServiceNotRegisteredException()) - Constructor for exception javax.management.relation.[RelationServiceNotRegisteredException](http://docs.google.com/javax/management/relation/RelationServiceNotRegisteredException.html) Default constructor, no message put in exception. [**RelationServiceNotRegisteredException(String)**](http://docs.google.com/javax/management/relation/RelationServiceNotRegisteredException.html#RelationServiceNotRegisteredException(java.lang.String)) - Constructor for exception javax.management.relation.[RelationServiceNotRegisteredException](http://docs.google.com/javax/management/relation/RelationServiceNotRegisteredException.html) Constructor with given message put in exception. [**RelationSupport**](http://docs.google.com/javax/management/relation/RelationSupport.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)A RelationSupport object is used internally by the Relation Service to represent simple relations (only roles, no properties or methods), with an unlimited number of roles, of any relation type.[**RelationSupport(String, ObjectName, String, RoleList)**](http://docs.google.com/javax/management/relation/RelationSupport.html#RelationSupport(java.lang.String,%20javax.management.ObjectName,%20java.lang.String,%20javax.management.relation.RoleList)) - Constructor for class javax.management.relation.[RelationSupport](http://docs.google.com/javax/management/relation/RelationSupport.html) Creates a RelationSupport object. [**RelationSupport(String, ObjectName, MBeanServer, String, RoleList)**](http://docs.google.com/javax/management/relation/RelationSupport.html#RelationSupport(java.lang.String,%20javax.management.ObjectName,%20javax.management.MBeanServer,%20java.lang.String,%20javax.management.relation.RoleList)) - Constructor for class javax.management.relation.[RelationSupport](http://docs.google.com/javax/management/relation/RelationSupport.html) Creates a RelationSupport object. [**RelationSupportMBean**](http://docs.google.com/javax/management/relation/RelationSupportMBean.html) - Interface in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)A RelationSupport object is used internally by the Relation Service to represent simple relations (only roles, no properties or methods), with an unlimited number of roles, of any relation type.[**RelationType**](http://docs.google.com/javax/management/relation/RelationType.html) - Interface in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)The RelationType interface has to be implemented by any class expected to represent a relation type.[**RelationTypeNotFoundException**](http://docs.google.com/javax/management/relation/RelationTypeNotFoundException.html) - Exception in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This exception is raised when there is no relation type with given name in Relation Service.[**RelationTypeNotFoundException()**](http://docs.google.com/javax/management/relation/RelationTypeNotFoundException.html#RelationTypeNotFoundException()) - Constructor for exception javax.management.relation.[RelationTypeNotFoundException](http://docs.google.com/javax/management/relation/RelationTypeNotFoundException.html) Default constructor, no message put in exception. [**RelationTypeNotFoundException(String)**](http://docs.google.com/javax/management/relation/RelationTypeNotFoundException.html#RelationTypeNotFoundException(java.lang.String)) - Constructor for exception javax.management.relation.[RelationTypeNotFoundException](http://docs.google.com/javax/management/relation/RelationTypeNotFoundException.html) Constructor with given message put in exception. [**RelationTypeSupport**](http://docs.google.com/javax/management/relation/RelationTypeSupport.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)A RelationTypeSupport object implements the RelationType interface.[**RelationTypeSupport(String, RoleInfo[])**](http://docs.google.com/javax/management/relation/RelationTypeSupport.html#RelationTypeSupport(java.lang.String,%20javax.management.relation.RoleInfo%5B%5D)) - Constructor for class javax.management.relation.[RelationTypeSupport](http://docs.google.com/javax/management/relation/RelationTypeSupport.html) Constructor where all role definitions are dynamically created and passed as parameter. [**RelationTypeSupport(String)**](http://docs.google.com/javax/management/relation/RelationTypeSupport.html#RelationTypeSupport(java.lang.String)) - Constructor for class javax.management.relation.[RelationTypeSupport](http://docs.google.com/javax/management/relation/RelationTypeSupport.html) Constructor to be used for subclasses. [**RELATIVE**](http://docs.google.com/java/awt/GridBagConstraints.html#RELATIVE) - Static variable in class java.awt.[GridBagConstraints](http://docs.google.com/java/awt/GridBagConstraints.html) Specifies that this component is the next-to-last component in its column or row (gridwidth, gridheight), or that this component be placed next to the previously added component (gridx, gridy). [**relative(int)**](http://docs.google.com/java/sql/ResultSet.html#relative(int)) - Method in interface java.sql.[ResultSet](http://docs.google.com/java/sql/ResultSet.html) Moves the cursor a relative number of rows, either positive or negative. [**relativeCCW(double, double, double, double, double, double)**](http://docs.google.com/java/awt/geom/Line2D.html#relativeCCW(double,%20double,%20double,%20double,%20double,%20double)) - Static method in class java.awt.geom.[Line2D](http://docs.google.com/java/awt/geom/Line2D.html) Returns an indicator of where the specified point (px,py) lies with respect to the line segment from (x1,y1) to (x2,y2). [**relativeCCW(double, double)**](http://docs.google.com/java/awt/geom/Line2D.html#relativeCCW(double,%20double)) - Method in class java.awt.geom.[Line2D](http://docs.google.com/java/awt/geom/Line2D.html) Returns an indicator of where the specified point (px,py) lies with respect to this line segment. [**relativeCCW(Point2D)**](http://docs.google.com/java/awt/geom/Line2D.html#relativeCCW(java.awt.geom.Point2D)) - Method in class java.awt.geom.[Line2D](http://docs.google.com/java/awt/geom/Line2D.html) Returns an indicator of where the specified Point2D lies with respect to this line segment. [**relativize(URI)**](http://docs.google.com/java/net/URI.html#relativize(java.net.URI)) - Method in class java.net.[URI](http://docs.google.com/java/net/URI.html) Relativizes the given URI against this URI. [**RELAXNG\_NS\_URI**](http://docs.google.com/javax/xml/XMLConstants.html#RELAXNG_NS_URI) - Static variable in class javax.xml.[XMLConstants](http://docs.google.com/javax/xml/XMLConstants.html) RELAX NG Namespace URI. [**release()**](http://docs.google.com/java/nio/channels/FileLock.html#release()) - Method in class java.nio.channels.[FileLock](http://docs.google.com/java/nio/channels/FileLock.html) Releases this lock. [**release(long)**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.html#release(long)) - Method in class java.util.concurrent.locks.[AbstractQueuedLongSynchronizer](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.html) Releases in exclusive mode. [**release(int)**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.html#release(int)) - Method in class java.util.concurrent.locks.[AbstractQueuedSynchronizer](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.html) Releases in exclusive mode. [**release()**](http://docs.google.com/java/util/concurrent/Semaphore.html#release()) - Method in class java.util.concurrent.[Semaphore](http://docs.google.com/java/util/concurrent/Semaphore.html) Releases a permit, returning it to the semaphore. [**release(int)**](http://docs.google.com/java/util/concurrent/Semaphore.html#release(int)) - Method in class java.util.concurrent.[Semaphore](http://docs.google.com/java/util/concurrent/Semaphore.html) Releases the given number of permits, returning them to the semaphore. [**release()**](http://docs.google.com/javax/sql/rowset/CachedRowSet.html#release()) - Method in interface javax.sql.rowset.[CachedRowSet](http://docs.google.com/javax/sql/rowset/CachedRowSet.html) Releases the current contents of this CachedRowSet object and sends a rowSetChanged event to all registered listeners. [**release(Object)**](http://docs.google.com/org/omg/CORBA/portable/Delegate.html#release(org.omg.CORBA.Object)) - Method in class org.omg.CORBA.portable.[Delegate](http://docs.google.com/org/omg/CORBA/portable/Delegate.html) Releases resources associated with the object reference provided. [**releaseBeanContextResources()**](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html#releaseBeanContextResources()) - Method in class java.beans.beancontext.[BeanContextChildSupport](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html) This method may be overridden by subclasses to provide their own release behaviors. [**releaseBeanContextResources()**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#releaseBeanContextResources()) - Method in class java.beans.beancontext.[BeanContextServicesSupport](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html) called from setBeanContext to notify a BeanContextChild to release resources obtained from the nesting BeanContext. [**releaseInputStream()**](http://docs.google.com/java/rmi/server/RemoteCall.html#releaseInputStream()) - Method in interface java.rmi.server.[RemoteCall](http://docs.google.com/java/rmi/server/RemoteCall.html) **Deprecated.** *no replacement* [**releaseMBeanServer(MBeanServer)**](http://docs.google.com/javax/management/MBeanServerFactory.html#releaseMBeanServer(javax.management.MBeanServer)) - Static method in class javax.management.[MBeanServerFactory](http://docs.google.com/javax/management/MBeanServerFactory.html) Remove internal MBeanServerFactory references to a created MBeanServer. [**releaseOutputStream()**](http://docs.google.com/java/rmi/server/RemoteCall.html#releaseOutputStream()) - Method in interface java.rmi.server.[RemoteCall](http://docs.google.com/java/rmi/server/RemoteCall.html) **Deprecated.** *no replacement* [**releaseReply(Object, InputStream)**](http://docs.google.com/org/omg/CORBA/portable/Delegate.html#releaseReply(org.omg.CORBA.Object,%20org.omg.CORBA.portable.InputStream)) - Method in class org.omg.CORBA.portable.[Delegate](http://docs.google.com/org/omg/CORBA/portable/Delegate.html) releaseReply may optionally be called by a stub to release a reply stream back to the ORB when the unmarshaling has completed. [**releaseSavepoint(Savepoint)**](http://docs.google.com/java/sql/Connection.html#releaseSavepoint(java.sql.Savepoint)) - Method in interface java.sql.[Connection](http://docs.google.com/java/sql/Connection.html) Removes the specified Savepoint and subsequent Savepoint objects from the current transaction. [**releaseService(BeanContextServices, Object, Object)**](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html#releaseService(java.beans.beancontext.BeanContextServices,%20java.lang.Object,%20java.lang.Object)) - Method in interface java.beans.beancontext.[BeanContextServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServiceProvider.html) Invoked by BeanContextServices, this method releases a nested BeanContextChild's (or any arbitrary object associated with a BeanContextChild) reference to the specified service. [**releaseService(BeanContextChild, Object, Object)**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#releaseService(java.beans.beancontext.BeanContextChild,%20java.lang.Object,%20java.lang.Object)) - Method in interface java.beans.beancontext.[BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) Releases a BeanContextChild's (or any arbitrary object associated with a BeanContextChild) reference to the specified service by calling releaseService() on the underlying BeanContextServiceProvider. [**releaseService(BeanContextServices, Object, Object)**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.BCSSProxyServiceProvider.html#releaseService(java.beans.beancontext.BeanContextServices,%20java.lang.Object,%20java.lang.Object)) - Method in class java.beans.beancontext.[BeanContextServicesSupport.BCSSProxyServiceProvider](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.BCSSProxyServiceProvider.html)   [**releaseService(BeanContextChild, Object, Object)**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#releaseService(java.beans.beancontext.BeanContextChild,%20java.lang.Object,%20java.lang.Object)) - Method in class java.beans.beancontext.[BeanContextServicesSupport](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html) release a service [**releaseShared(long)**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.html#releaseShared(long)) - Method in class java.util.concurrent.locks.[AbstractQueuedLongSynchronizer](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.html) Releases in shared mode. [**releaseShared(int)**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.html#releaseShared(int)) - Method in class java.util.concurrent.locks.[AbstractQueuedSynchronizer](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.html) Releases in shared mode. [**releaseWritableTile(int, int)**](http://docs.google.com/java/awt/image/BufferedImage.html#releaseWritableTile(int,%20int)) - Method in class java.awt.image.[BufferedImage](http://docs.google.com/java/awt/image/BufferedImage.html) Relinquishes permission to write to a tile. [**releaseWritableTile(int, int)**](http://docs.google.com/java/awt/image/WritableRenderedImage.html#releaseWritableTile(int,%20int)) - Method in interface java.awt.image.[WritableRenderedImage](http://docs.google.com/java/awt/image/WritableRenderedImage.html) Relinquishes the right to write to a tile. [**reload()**](http://docs.google.com/java/util/ServiceLoader.html#reload()) - Method in class java.util.[ServiceLoader](http://docs.google.com/java/util/ServiceLoader.html) Clear this loader's provider cache so that all providers will be reloaded. [**reload()**](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html#reload()) - Method in class javax.swing.tree.[DefaultTreeModel](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html) Invoke this method if you've modified the TreeNodes upon which this model depends. [**reload(TreeNode)**](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html#reload(javax.swing.tree.TreeNode)) - Method in class javax.swing.tree.[DefaultTreeModel](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html) Invoke this method if you've modified the TreeNodes upon which this model depends. [**REMAINDER**](http://docs.google.com/java/awt/GridBagConstraints.html#REMAINDER) - Static variable in class java.awt.[GridBagConstraints](http://docs.google.com/java/awt/GridBagConstraints.html) Specifies that this component is the last component in its column or row. [**remainder(BigDecimal)**](http://docs.google.com/java/math/BigDecimal.html#remainder(java.math.BigDecimal)) - Method in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Returns a BigDecimal whose value is (this % divisor). [**remainder(BigDecimal, MathContext)**](http://docs.google.com/java/math/BigDecimal.html#remainder(java.math.BigDecimal,%20java.math.MathContext)) - Method in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Returns a BigDecimal whose value is (this % divisor), with rounding according to the context settings. [**remainder(BigInteger)**](http://docs.google.com/java/math/BigInteger.html#remainder(java.math.BigInteger)) - Method in class java.math.[BigInteger](http://docs.google.com/java/math/BigInteger.html) Returns a BigInteger whose value is (this % val). [**remaining()**](http://docs.google.com/java/nio/Buffer.html#remaining()) - Method in class java.nio.[Buffer](http://docs.google.com/java/nio/Buffer.html) Returns the number of elements between the current position and the limit. [**remainingCapacity()**](http://docs.google.com/java/util/concurrent/ArrayBlockingQueue.html#remainingCapacity()) - Method in class java.util.concurrent.[ArrayBlockingQueue](http://docs.google.com/java/util/concurrent/ArrayBlockingQueue.html) Returns the number of additional elements that this queue can ideally (in the absence of memory or resource constraints) accept without blocking. [**remainingCapacity()**](http://docs.google.com/java/util/concurrent/BlockingQueue.html#remainingCapacity()) - Method in interface java.util.concurrent.[BlockingQueue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) Returns the number of additional elements that this queue can ideally (in the absence of memory or resource constraints) accept without blocking, or Integer.MAX\_VALUE if there is no intrinsic limit. [**remainingCapacity()**](http://docs.google.com/java/util/concurrent/DelayQueue.html#remainingCapacity()) - Method in class java.util.concurrent.[DelayQueue](http://docs.google.com/java/util/concurrent/DelayQueue.html) Always returns Integer.MAX\_VALUE because a DelayQueue is not capacity constrained. [**remainingCapacity()**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html#remainingCapacity()) - Method in class java.util.concurrent.[LinkedBlockingDeque](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html) Returns the number of additional elements that this deque can ideally (in the absence of memory or resource constraints) accept without blocking. [**remainingCapacity()**](http://docs.google.com/java/util/concurrent/LinkedBlockingQueue.html#remainingCapacity()) - Method in class java.util.concurrent.[LinkedBlockingQueue](http://docs.google.com/java/util/concurrent/LinkedBlockingQueue.html) Returns the number of additional elements that this queue can ideally (in the absence of memory or resource constraints) accept without blocking. [**remainingCapacity()**](http://docs.google.com/java/util/concurrent/PriorityBlockingQueue.html#remainingCapacity()) - Method in class java.util.concurrent.[PriorityBlockingQueue](http://docs.google.com/java/util/concurrent/PriorityBlockingQueue.html) Always returns Integer.MAX\_VALUE because a PriorityBlockingQueue is not capacity constrained. [**remainingCapacity()**](http://docs.google.com/java/util/concurrent/SynchronousQueue.html#remainingCapacity()) - Method in class java.util.concurrent.[SynchronousQueue](http://docs.google.com/java/util/concurrent/SynchronousQueue.html) Always returns zero. [**remainingName**](http://docs.google.com/javax/naming/NamingException.html#remainingName) - Variable in exception javax.naming.[NamingException](http://docs.google.com/javax/naming/NamingException.html) Contains the remaining name that has not been resolved yet. [**remainingName**](http://docs.google.com/javax/naming/spi/ResolveResult.html#remainingName) - Variable in class javax.naming.spi.[ResolveResult](http://docs.google.com/javax/naming/spi/ResolveResult.html) Field containing the remaining name yet to be resolved. [**remainingNewName**](http://docs.google.com/javax/naming/CannotProceedException.html#remainingNewName) - Variable in exception javax.naming.[CannotProceedException](http://docs.google.com/javax/naming/CannotProceedException.html) Contains the remaining unresolved part of the second "name" argument to Context.rename(). [**remapInstrument(Instrument, Instrument)**](http://docs.google.com/javax/sound/midi/Synthesizer.html#remapInstrument(javax.sound.midi.Instrument,%20javax.sound.midi.Instrument)) - Method in interface javax.sound.midi.[Synthesizer](http://docs.google.com/javax/sound/midi/Synthesizer.html) Remaps an instrument. [**RemarshalException**](http://docs.google.com/org/omg/CORBA/portable/RemarshalException.html) - Exception in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html)This class is used for reporting locate forward exceptions and object forward GIOP messages back to the ORB.[**RemarshalException()**](http://docs.google.com/org/omg/CORBA/portable/RemarshalException.html#RemarshalException()) - Constructor for exception org.omg.CORBA.portable.[RemarshalException](http://docs.google.com/org/omg/CORBA/portable/RemarshalException.html) Constructs a RemarshalException. [**Remote**](http://docs.google.com/java/rmi/Remote.html) - Interface in [java.rmi](http://docs.google.com/java/rmi/package-summary.html)The Remote interface serves to identify interfaces whose methods may be invoked from a non-local virtual machine.[**RemoteCall**](http://docs.google.com/java/rmi/server/RemoteCall.html) - Interface in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)**Deprecated.** *no replacement.*[**remoteEquals(RemoteRef)**](http://docs.google.com/java/rmi/server/RemoteRef.html#remoteEquals(java.rmi.server.RemoteRef)) - Method in interface java.rmi.server.[RemoteRef](http://docs.google.com/java/rmi/server/RemoteRef.html) Compares two remote objects for equality. [**RemoteException**](http://docs.google.com/java/rmi/RemoteException.html) - Exception in [java.rmi](http://docs.google.com/java/rmi/package-summary.html)A RemoteException is the common superclass for a number of communication-related exceptions that may occur during the execution of a remote method call.[**RemoteException()**](http://docs.google.com/java/rmi/RemoteException.html#RemoteException()) - Constructor for exception java.rmi.[RemoteException](http://docs.google.com/java/rmi/RemoteException.html) Constructs a RemoteException. [**RemoteException(String)**](http://docs.google.com/java/rmi/RemoteException.html#RemoteException(java.lang.String)) - Constructor for exception java.rmi.[RemoteException](http://docs.google.com/java/rmi/RemoteException.html) Constructs a RemoteException with the specified detail message. [**RemoteException(String, Throwable)**](http://docs.google.com/java/rmi/RemoteException.html#RemoteException(java.lang.String,%20java.lang.Throwable)) - Constructor for exception java.rmi.[RemoteException](http://docs.google.com/java/rmi/RemoteException.html) Constructs a RemoteException with the specified detail message and cause. [**remoteHashCode()**](http://docs.google.com/java/rmi/server/RemoteRef.html#remoteHashCode()) - Method in interface java.rmi.server.[RemoteRef](http://docs.google.com/java/rmi/server/RemoteRef.html) Returns a hashcode for a remote object. [**RemoteObject**](http://docs.google.com/java/rmi/server/RemoteObject.html) - Class in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)The RemoteObject class implements the java.lang.Object behavior for remote objects.[**RemoteObject()**](http://docs.google.com/java/rmi/server/RemoteObject.html#RemoteObject()) - Constructor for class java.rmi.server.[RemoteObject](http://docs.google.com/java/rmi/server/RemoteObject.html) Creates a remote object. [**RemoteObject(RemoteRef)**](http://docs.google.com/java/rmi/server/RemoteObject.html#RemoteObject(java.rmi.server.RemoteRef)) - Constructor for class java.rmi.server.[RemoteObject](http://docs.google.com/java/rmi/server/RemoteObject.html) Creates a remote object, initialized with the specified remote reference. [**RemoteObjectInvocationHandler**](http://docs.google.com/java/rmi/server/RemoteObjectInvocationHandler.html) - Class in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)An implementation of the InvocationHandler interface for use with Java Remote Method Invocation (Java RMI).[**RemoteObjectInvocationHandler(RemoteRef)**](http://docs.google.com/java/rmi/server/RemoteObjectInvocationHandler.html#RemoteObjectInvocationHandler(java.rmi.server.RemoteRef)) - Constructor for class java.rmi.server.[RemoteObjectInvocationHandler](http://docs.google.com/java/rmi/server/RemoteObjectInvocationHandler.html) Creates a new RemoteObjectInvocationHandler constructed with the specified RemoteRef. [**RemoteRef**](http://docs.google.com/java/rmi/server/RemoteRef.html) - Interface in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)RemoteRef represents the handle for a remote object.[**RemoteServer**](http://docs.google.com/java/rmi/server/RemoteServer.html) - Class in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)The RemoteServer class is the common superclass to server implementations and provides the framework to support a wide range of remote reference semantics.[**RemoteServer()**](http://docs.google.com/java/rmi/server/RemoteServer.html#RemoteServer()) - Constructor for class java.rmi.server.[RemoteServer](http://docs.google.com/java/rmi/server/RemoteServer.html) Constructs a RemoteServer. [**RemoteServer(RemoteRef)**](http://docs.google.com/java/rmi/server/RemoteServer.html#RemoteServer(java.rmi.server.RemoteRef)) - Constructor for class java.rmi.server.[RemoteServer](http://docs.google.com/java/rmi/server/RemoteServer.html) Constructs a RemoteServer with the given reference type. [**RemoteStub**](http://docs.google.com/java/rmi/server/RemoteStub.html) - Class in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)The RemoteStub class is the common superclass to client stubs and provides the framework to support a wide range of remote reference semantics.[**RemoteStub()**](http://docs.google.com/java/rmi/server/RemoteStub.html#RemoteStub()) - Constructor for class java.rmi.server.[RemoteStub](http://docs.google.com/java/rmi/server/RemoteStub.html) Constructs a RemoteStub. [**RemoteStub(RemoteRef)**](http://docs.google.com/java/rmi/server/RemoteStub.html#RemoteStub(java.rmi.server.RemoteRef)) - Constructor for class java.rmi.server.[RemoteStub](http://docs.google.com/java/rmi/server/RemoteStub.html) Constructs a RemoteStub, with the specified remote reference. [**remoteToString()**](http://docs.google.com/java/rmi/server/RemoteRef.html#remoteToString()) - Method in interface java.rmi.server.[RemoteRef](http://docs.google.com/java/rmi/server/RemoteRef.html) Returns a String that represents the reference of this remote object. [**REMOVAL**](http://docs.google.com/org/w3c/dom/events/MutationEvent.html#REMOVAL) - Static variable in interface org.w3c.dom.events.[MutationEvent](http://docs.google.com/org/w3c/dom/events/MutationEvent.html) The Attr was just removed. [**remove(EventListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.util.EventListener)) - Method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes a listener from this multicaster. [**remove(ComponentListener, ComponentListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.ComponentListener,%20java.awt.event.ComponentListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old component-listener from component-listener-l and returns the resulting multicast listener. [**remove(ContainerListener, ContainerListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.ContainerListener,%20java.awt.event.ContainerListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old container-listener from container-listener-l and returns the resulting multicast listener. [**remove(FocusListener, FocusListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.FocusListener,%20java.awt.event.FocusListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old focus-listener from focus-listener-l and returns the resulting multicast listener. [**remove(KeyListener, KeyListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.KeyListener,%20java.awt.event.KeyListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old key-listener from key-listener-l and returns the resulting multicast listener. [**remove(MouseListener, MouseListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.MouseListener,%20java.awt.event.MouseListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old mouse-listener from mouse-listener-l and returns the resulting multicast listener. [**remove(MouseMotionListener, MouseMotionListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.MouseMotionListener,%20java.awt.event.MouseMotionListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old mouse-motion-listener from mouse-motion-listener-l and returns the resulting multicast listener. [**remove(WindowListener, WindowListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.WindowListener,%20java.awt.event.WindowListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old window-listener from window-listener-l and returns the resulting multicast listener. [**remove(WindowStateListener, WindowStateListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.WindowStateListener,%20java.awt.event.WindowStateListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old window-state-listener from window-state-listener-l and returns the resulting multicast listener. [**remove(WindowFocusListener, WindowFocusListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.WindowFocusListener,%20java.awt.event.WindowFocusListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old window-focus-listener from window-focus-listener-l and returns the resulting multicast listener. [**remove(ActionListener, ActionListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.ActionListener,%20java.awt.event.ActionListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old action-listener from action-listener-l and returns the resulting multicast listener. [**remove(ItemListener, ItemListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.ItemListener,%20java.awt.event.ItemListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old item-listener from item-listener-l and returns the resulting multicast listener. [**remove(AdjustmentListener, AdjustmentListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.AdjustmentListener,%20java.awt.event.AdjustmentListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old adjustment-listener from adjustment-listener-l and returns the resulting multicast listener. [**remove(TextListener, TextListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.TextListener,%20java.awt.event.TextListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html)   [**remove(InputMethodListener, InputMethodListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.InputMethodListener,%20java.awt.event.InputMethodListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old input-method-listener from input-method-listener-l and returns the resulting multicast listener. [**remove(HierarchyListener, HierarchyListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.HierarchyListener,%20java.awt.event.HierarchyListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old hierarchy-listener from hierarchy-listener-l and returns the resulting multicast listener. [**remove(HierarchyBoundsListener, HierarchyBoundsListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.HierarchyBoundsListener,%20java.awt.event.HierarchyBoundsListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old hierarchy-bounds-listener from hierarchy-bounds-listener-l and returns the resulting multicast listener. [**remove(MouseWheelListener, MouseWheelListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.MouseWheelListener,%20java.awt.event.MouseWheelListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Removes the old mouse-wheel-listener from mouse-wheel-listener-l and returns the resulting multicast listener. [**remove(String)**](http://docs.google.com/java/awt/Choice.html#remove(java.lang.String)) - Method in class java.awt.[Choice](http://docs.google.com/java/awt/Choice.html) Removes the first occurrence of item from the Choice menu. [**remove(int)**](http://docs.google.com/java/awt/Choice.html#remove(int)) - Method in class java.awt.[Choice](http://docs.google.com/java/awt/Choice.html) Removes an item from the choice menu at the specified position. [**remove(MenuComponent)**](http://docs.google.com/java/awt/Component.html#remove(java.awt.MenuComponent)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified popup menu from the component. [**remove(int)**](http://docs.google.com/java/awt/Container.html#remove(int)) - Method in class java.awt.[Container](http://docs.google.com/java/awt/Container.html) Removes the component, specified by index, from this container. [**remove(Component)**](http://docs.google.com/java/awt/Container.html#remove(java.awt.Component)) - Method in class java.awt.[Container](http://docs.google.com/java/awt/Container.html) Removes the specified component from this container. [**remove(MenuComponent)**](http://docs.google.com/java/awt/Frame.html#remove(java.awt.MenuComponent)) - Method in class java.awt.[Frame](http://docs.google.com/java/awt/Frame.html) Removes the specified menu bar from this frame. [**remove(String)**](http://docs.google.com/java/awt/List.html#remove(java.lang.String)) - Method in class java.awt.[List](http://docs.google.com/java/awt/List.html) Removes the first occurrence of an item from the list. [**remove(int)**](http://docs.google.com/java/awt/List.html#remove(int)) - Method in class java.awt.[List](http://docs.google.com/java/awt/List.html) Removes the item at the specified position from this scrolling list. [**remove(int)**](http://docs.google.com/java/awt/Menu.html#remove(int)) - Method in class java.awt.[Menu](http://docs.google.com/java/awt/Menu.html) Removes the menu item at the specified index from this menu. [**remove(MenuComponent)**](http://docs.google.com/java/awt/Menu.html#remove(java.awt.MenuComponent)) - Method in class java.awt.[Menu](http://docs.google.com/java/awt/Menu.html) Removes the specified menu item from this menu. [**remove(int)**](http://docs.google.com/java/awt/MenuBar.html#remove(int)) - Method in class java.awt.[MenuBar](http://docs.google.com/java/awt/MenuBar.html) Removes the menu located at the specified index from this menu bar. [**remove(MenuComponent)**](http://docs.google.com/java/awt/MenuBar.html#remove(java.awt.MenuComponent)) - Method in class java.awt.[MenuBar](http://docs.google.com/java/awt/MenuBar.html) Removes the specified menu component from this menu bar. [**remove(MenuComponent)**](http://docs.google.com/java/awt/MenuContainer.html#remove(java.awt.MenuComponent)) - Method in interface java.awt.[MenuContainer](http://docs.google.com/java/awt/MenuContainer.html)   [**remove(Object)**](http://docs.google.com/java/awt/RenderingHints.html#remove(java.lang.Object)) - Method in class java.awt.[RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) Removes the key and its corresponding value from this RenderingHints object. [**remove(TrayIcon)**](http://docs.google.com/java/awt/SystemTray.html#remove(java.awt.TrayIcon)) - Method in class java.awt.[SystemTray](http://docs.google.com/java/awt/SystemTray.html) Removes the specified TrayIcon from the SystemTray. [**remove()**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.BCSIterator.html#remove()) - Method in class java.beans.beancontext.[BeanContextSupport.BCSIterator](http://docs.google.com/java/beans/beancontext/BeanContextSupport.BCSIterator.html)   [**remove(Object)**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#remove(java.lang.Object)) - Method in class java.beans.beancontext.[BeanContextSupport](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html) Removes a child from this BeanContext. [**remove(Object, boolean)**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#remove(java.lang.Object,%20boolean)) - Method in class java.beans.beancontext.[BeanContextSupport](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html) internal remove used when removal caused by unexpected setBeanContext or by remove() invocation. [**remove(Object)**](http://docs.google.com/java/beans/Encoder.html#remove(java.lang.Object)) - Method in class java.beans.[Encoder](http://docs.google.com/java/beans/Encoder.html) Removes the entry for this instance, returning the old entry. [**remove(long)**](http://docs.google.com/java/lang/ref/ReferenceQueue.html#remove(long)) - Method in class java.lang.ref.[ReferenceQueue](http://docs.google.com/java/lang/ref/ReferenceQueue.html) Removes the next reference object in this queue, blocking until either one becomes available or the given timeout period expires. [**remove()**](http://docs.google.com/java/lang/ref/ReferenceQueue.html#remove()) - Method in class java.lang.ref.[ReferenceQueue](http://docs.google.com/java/lang/ref/ReferenceQueue.html) Removes the next reference object in this queue, blocking until one becomes available. [**remove()**](http://docs.google.com/java/lang/ThreadLocal.html#remove()) - Method in class java.lang.[ThreadLocal](http://docs.google.com/java/lang/ThreadLocal.html) Removes the current thread's value for this thread-local variable. [**remove(URI, HttpCookie)**](http://docs.google.com/java/net/CookieStore.html#remove(java.net.URI,%20java.net.HttpCookie)) - Method in interface java.net.[CookieStore](http://docs.google.com/java/net/CookieStore.html) Remove a cookie from store. [**remove(Object)**](http://docs.google.com/java/security/Provider.html#remove(java.lang.Object)) - Method in class java.security.[Provider](http://docs.google.com/java/security/Provider.html) Removes the key property (and its corresponding value). [**remove(Object)**](http://docs.google.com/java/util/AbstractCollection.html#remove(java.lang.Object)) - Method in class java.util.[AbstractCollection](http://docs.google.com/java/util/AbstractCollection.html) Removes a single instance of the specified element from this collection, if it is present (optional operation). [**remove(int)**](http://docs.google.com/java/util/AbstractList.html#remove(int)) - Method in class java.util.[AbstractList](http://docs.google.com/java/util/AbstractList.html) Removes the element at the specified position in this list (optional operation). [**remove(Object)**](http://docs.google.com/java/util/AbstractMap.html#remove(java.lang.Object)) - Method in class java.util.[AbstractMap](http://docs.google.com/java/util/AbstractMap.html) Removes the mapping for a key from this map if it is present (optional operation). [**remove()**](http://docs.google.com/java/util/AbstractQueue.html#remove()) - Method in class java.util.[AbstractQueue](http://docs.google.com/java/util/AbstractQueue.html) Retrieves and removes the head of this queue. [**remove(int)**](http://docs.google.com/java/util/AbstractSequentialList.html#remove(int)) - Method in class java.util.[AbstractSequentialList](http://docs.google.com/java/util/AbstractSequentialList.html) Removes the element at the specified position in this list (optional operation). [**remove()**](http://docs.google.com/java/util/ArrayDeque.html#remove()) - Method in class java.util.[ArrayDeque](http://docs.google.com/java/util/ArrayDeque.html) Retrieves and removes the head of the queue represented by this deque. [**remove(Object)**](http://docs.google.com/java/util/ArrayDeque.html#remove(java.lang.Object)) - Method in class java.util.[ArrayDeque](http://docs.google.com/java/util/ArrayDeque.html) Removes a single instance of the specified element from this deque. [**remove(int)**](http://docs.google.com/java/util/ArrayList.html#remove(int)) - Method in class java.util.[ArrayList](http://docs.google.com/java/util/ArrayList.html) Removes the element at the specified position in this list. [**remove(Object)**](http://docs.google.com/java/util/ArrayList.html#remove(java.lang.Object)) - Method in class java.util.[ArrayList](http://docs.google.com/java/util/ArrayList.html) Removes the first occurrence of the specified element from this list, if it is present. [**remove(Object)**](http://docs.google.com/java/util/Collection.html#remove(java.lang.Object)) - Method in interface java.util.[Collection](http://docs.google.com/java/util/Collection.html) Removes a single instance of the specified element from this collection, if it is present (optional operation). [**remove(Object)**](http://docs.google.com/java/util/concurrent/ArrayBlockingQueue.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[ArrayBlockingQueue](http://docs.google.com/java/util/concurrent/ArrayBlockingQueue.html) Removes a single instance of the specified element from this queue, if it is present. [**remove()**](http://docs.google.com/java/util/concurrent/BlockingDeque.html#remove()) - Method in interface java.util.concurrent.[BlockingDeque](http://docs.google.com/java/util/concurrent/BlockingDeque.html) Retrieves and removes the head of the queue represented by this deque (in other words, the first element of this deque). [**remove(Object)**](http://docs.google.com/java/util/concurrent/BlockingDeque.html#remove(java.lang.Object)) - Method in interface java.util.concurrent.[BlockingDeque](http://docs.google.com/java/util/concurrent/BlockingDeque.html) Removes the first occurrence of the specified element from this deque. [**remove(Object)**](http://docs.google.com/java/util/concurrent/BlockingQueue.html#remove(java.lang.Object)) - Method in interface java.util.concurrent.[BlockingQueue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) Removes a single instance of the specified element from this queue, if it is present. [**remove(Object)**](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[ConcurrentHashMap](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html) Removes the key (and its corresponding value) from this map. [**remove(Object, Object)**](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html#remove(java.lang.Object,%20java.lang.Object)) - Method in class java.util.concurrent.[ConcurrentHashMap](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html) Removes the entry for a key only if currently mapped to a given value. [**remove(Object)**](http://docs.google.com/java/util/concurrent/ConcurrentLinkedQueue.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[ConcurrentLinkedQueue](http://docs.google.com/java/util/concurrent/ConcurrentLinkedQueue.html) Removes a single instance of the specified element from this queue, if it is present. [**remove(Object, Object)**](http://docs.google.com/java/util/concurrent/ConcurrentMap.html#remove(java.lang.Object,%20java.lang.Object)) - Method in interface java.util.concurrent.[ConcurrentMap](http://docs.google.com/java/util/concurrent/ConcurrentMap.html) Removes the entry for a key only if currently mapped to a given value. [**remove(Object)**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[ConcurrentSkipListMap](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html) Removes the mapping for the specified key from this map if present. [**remove(Object, Object)**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html#remove(java.lang.Object,%20java.lang.Object)) - Method in class java.util.concurrent.[ConcurrentSkipListMap](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html) Removes the entry for a key only if currently mapped to a given value. [**remove(Object)**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListSet.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[ConcurrentSkipListSet](http://docs.google.com/java/util/concurrent/ConcurrentSkipListSet.html) Removes the specified element from this set if it is present. [**remove(int)**](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html#remove(int)) - Method in class java.util.concurrent.[CopyOnWriteArrayList](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html) Removes the element at the specified position in this list. [**remove(Object)**](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[CopyOnWriteArrayList](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html) Removes the first occurrence of the specified element from this list, if it is present. [**remove(Object)**](http://docs.google.com/java/util/concurrent/CopyOnWriteArraySet.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[CopyOnWriteArraySet](http://docs.google.com/java/util/concurrent/CopyOnWriteArraySet.html) Removes the specified element from this set if it is present. [**remove(Object)**](http://docs.google.com/java/util/concurrent/DelayQueue.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[DelayQueue](http://docs.google.com/java/util/concurrent/DelayQueue.html) Removes a single instance of the specified element from this queue, if it is present, whether or not it has expired. [**remove()**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html#remove()) - Method in class java.util.concurrent.[LinkedBlockingDeque](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html) Retrieves and removes the head of the queue represented by this deque. [**remove(Object)**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[LinkedBlockingDeque](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html) Removes the first occurrence of the specified element from this deque. [**remove(Object)**](http://docs.google.com/java/util/concurrent/LinkedBlockingQueue.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[LinkedBlockingQueue](http://docs.google.com/java/util/concurrent/LinkedBlockingQueue.html) Removes a single instance of the specified element from this queue, if it is present. [**remove(Object)**](http://docs.google.com/java/util/concurrent/PriorityBlockingQueue.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[PriorityBlockingQueue](http://docs.google.com/java/util/concurrent/PriorityBlockingQueue.html) Removes a single instance of the specified element from this queue, if it is present. [**remove(Runnable)**](http://docs.google.com/java/util/concurrent/ScheduledThreadPoolExecutor.html#remove(java.lang.Runnable)) - Method in class java.util.concurrent.[ScheduledThreadPoolExecutor](http://docs.google.com/java/util/concurrent/ScheduledThreadPoolExecutor.html)   [**remove(Object)**](http://docs.google.com/java/util/concurrent/SynchronousQueue.html#remove(java.lang.Object)) - Method in class java.util.concurrent.[SynchronousQueue](http://docs.google.com/java/util/concurrent/SynchronousQueue.html) Always returns false. [**remove(Runnable)**](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.html#remove(java.lang.Runnable)) - Method in class java.util.concurrent.[ThreadPoolExecutor](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.html) Removes this task from the executor's internal queue if it is present, thus causing it not to be run if it has not already started. [**remove()**](http://docs.google.com/java/util/Deque.html#remove()) - Method in interface java.util.[Deque](http://docs.google.com/java/util/Deque.html) Retrieves and removes the head of the queue represented by this deque (in other words, the first element of this deque). [**remove(Object)**](http://docs.google.com/java/util/Deque.html#remove(java.lang.Object)) - Method in interface java.util.[Deque](http://docs.google.com/java/util/Deque.html) Removes the first occurrence of the specified element from this deque. [**remove(Object)**](http://docs.google.com/java/util/Dictionary.html#remove(java.lang.Object)) - Method in class java.util.[Dictionary](http://docs.google.com/java/util/Dictionary.html) Removes the key (and its corresponding value) from this dictionary. [**remove(Object)**](http://docs.google.com/java/util/EnumMap.html#remove(java.lang.Object)) - Method in class java.util.[EnumMap](http://docs.google.com/java/util/EnumMap.html) Removes the mapping for this key from this map if present. [**remove(Object)**](http://docs.google.com/java/util/HashMap.html#remove(java.lang.Object)) - Method in class java.util.[HashMap](http://docs.google.com/java/util/HashMap.html) Removes the mapping for the specified key from this map if present. [**remove(Object)**](http://docs.google.com/java/util/HashSet.html#remove(java.lang.Object)) - Method in class java.util.[HashSet](http://docs.google.com/java/util/HashSet.html) Removes the specified element from this set if it is present. [**remove(Object)**](http://docs.google.com/java/util/Hashtable.html#remove(java.lang.Object)) - Method in class java.util.[Hashtable](http://docs.google.com/java/util/Hashtable.html) Removes the key (and its corresponding value) from this hashtable. [**remove(Object)**](http://docs.google.com/java/util/IdentityHashMap.html#remove(java.lang.Object)) - Method in class java.util.[IdentityHashMap](http://docs.google.com/java/util/IdentityHashMap.html) Removes the mapping for this key from this map if present. [**remove()**](http://docs.google.com/java/util/Iterator.html#remove()) - Method in interface java.util.[Iterator](http://docs.google.com/java/util/Iterator.html) Removes from the underlying collection the last element returned by the iterator (optional operation). [**remove(Object)**](http://docs.google.com/java/util/jar/Attributes.html#remove(java.lang.Object)) - Method in class java.util.jar.[Attributes](http://docs.google.com/java/util/jar/Attributes.html) Removes the attribute with the specified name (key) from this Map. [**remove(Object)**](http://docs.google.com/java/util/LinkedList.html#remove(java.lang.Object)) - Method in class java.util.[LinkedList](http://docs.google.com/java/util/LinkedList.html) Removes the first occurrence of the specified element from this list, if it is present. [**remove(int)**](http://docs.google.com/java/util/LinkedList.html#remove(int)) - Method in class java.util.[LinkedList](http://docs.google.com/java/util/LinkedList.html) Removes the element at the specified position in this list. [**remove()**](http://docs.google.com/java/util/LinkedList.html#remove()) - Method in class java.util.[LinkedList](http://docs.google.com/java/util/LinkedList.html) Retrieves and removes the head (first element) of this list. [**remove(Object)**](http://docs.google.com/java/util/List.html#remove(java.lang.Object)) - Method in interface java.util.[List](http://docs.google.com/java/util/List.html) Removes the first occurrence of the specified element from this list, if it is present (optional operation). [**remove(int)**](http://docs.google.com/java/util/List.html#remove(int)) - Method in interface java.util.[List](http://docs.google.com/java/util/List.html) Removes the element at the specified position in this list (optional operation). [**remove()**](http://docs.google.com/java/util/ListIterator.html#remove()) - Method in interface java.util.[ListIterator](http://docs.google.com/java/util/ListIterator.html) Removes from the list the last element that was returned by next or previous (optional operation). [**remove(Object)**](http://docs.google.com/java/util/Map.html#remove(java.lang.Object)) - Method in interface java.util.[Map](http://docs.google.com/java/util/Map.html) Removes the mapping for a key from this map if it is present (optional operation). [**remove(String)**](http://docs.google.com/java/util/prefs/AbstractPreferences.html#remove(java.lang.String)) - Method in class java.util.prefs.[AbstractPreferences](http://docs.google.com/java/util/prefs/AbstractPreferences.html) Implements the remove(String) method as per the specification in [Preferences.remove(String)](http://docs.google.com/java/util/prefs/Preferences.html#remove(java.lang.String)). [**remove(String)**](http://docs.google.com/java/util/prefs/Preferences.html#remove(java.lang.String)) - Method in class java.util.prefs.[Preferences](http://docs.google.com/java/util/prefs/Preferences.html) Removes the value associated with the specified key in this preference node, if any. [**remove(Object)**](http://docs.google.com/java/util/PriorityQueue.html#remove(java.lang.Object)) - Method in class java.util.[PriorityQueue](http://docs.google.com/java/util/PriorityQueue.html) Removes a single instance of the specified element from this queue, if it is present. [**remove()**](http://docs.google.com/java/util/Queue.html#remove()) - Method in interface java.util.[Queue](http://docs.google.com/java/util/Queue.html) Retrieves and removes the head of this queue. [**remove()**](http://docs.google.com/java/util/Scanner.html#remove()) - Method in class java.util.[Scanner](http://docs.google.com/java/util/Scanner.html) The remove operation is not supported by this implementation of Iterator. [**remove(Object)**](http://docs.google.com/java/util/Set.html#remove(java.lang.Object)) - Method in interface java.util.[Set](http://docs.google.com/java/util/Set.html) Removes the specified element from this set if it is present (optional operation). [**remove(Object)**](http://docs.google.com/java/util/TreeMap.html#remove(java.lang.Object)) - Method in class java.util.[TreeMap](http://docs.google.com/java/util/TreeMap.html) Removes the mapping for this key from this TreeMap if present. [**remove(Object)**](http://docs.google.com/java/util/TreeSet.html#remove(java.lang.Object)) - Method in class java.util.[TreeSet](http://docs.google.com/java/util/TreeSet.html) Removes the specified element from this set if it is present. [**remove(Object)**](http://docs.google.com/java/util/Vector.html#remove(java.lang.Object)) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Removes the first occurrence of the specified element in this Vector If the Vector does not contain the element, it is unchanged. [**remove(int)**](http://docs.google.com/java/util/Vector.html#remove(int)) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Removes the element at the specified position in this Vector. [**remove(Object)**](http://docs.google.com/java/util/WeakHashMap.html#remove(java.lang.Object)) - Method in class java.util.[WeakHashMap](http://docs.google.com/java/util/WeakHashMap.html) Removes the mapping for a key from this weak hash map if it is present. [**remove(AccessibleRelation)**](http://docs.google.com/javax/accessibility/AccessibleRelationSet.html#remove(javax.accessibility.AccessibleRelation)) - Method in class javax.accessibility.[AccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleRelationSet.html) Removes a relation from the current relation set. [**remove(AccessibleState)**](http://docs.google.com/javax/accessibility/AccessibleStateSet.html#remove(javax.accessibility.AccessibleState)) - Method in class javax.accessibility.[AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) Removes a state from the current state set. [**remove(String)**](http://docs.google.com/javax/activation/MimeTypeParameterList.html#remove(java.lang.String)) - Method in class javax.activation.[MimeTypeParameterList](http://docs.google.com/javax/activation/MimeTypeParameterList.html) Remove any value associated with the given name. [**remove(Object[])**](http://docs.google.com/javax/management/openmbean/TabularData.html#remove(java.lang.Object%5B%5D)) - Method in interface javax.management.openmbean.[TabularData](http://docs.google.com/javax/management/openmbean/TabularData.html) Removes the CompositeData value whose index is key from this TabularData instance, and returns the removed value, or returns null if there is no value whose index is key. [**remove(Object)**](http://docs.google.com/javax/management/openmbean/TabularDataSupport.html#remove(java.lang.Object)) - Method in class javax.management.openmbean.[TabularDataSupport](http://docs.google.com/javax/management/openmbean/TabularDataSupport.html) This method simply calls remove((Object[]) key). [**remove(Object[])**](http://docs.google.com/javax/management/openmbean/TabularDataSupport.html#remove(java.lang.Object%5B%5D)) - Method in class javax.management.openmbean.[TabularDataSupport](http://docs.google.com/javax/management/openmbean/TabularDataSupport.html) Removes the CompositeData value whose index is key from this TabularData instance, and returns the removed value, or returns null if there is no value whose index is key. [**remove(int)**](http://docs.google.com/javax/naming/CompositeName.html#remove(int)) - Method in class javax.naming.[CompositeName](http://docs.google.com/javax/naming/CompositeName.html) Deletes a component from this composite name. [**remove(int)**](http://docs.google.com/javax/naming/CompoundName.html#remove(int)) - Method in class javax.naming.[CompoundName](http://docs.google.com/javax/naming/CompoundName.html) Deletes a component from this compound name. [**remove(Object)**](http://docs.google.com/javax/naming/directory/Attribute.html#remove(java.lang.Object)) - Method in interface javax.naming.directory.[Attribute](http://docs.google.com/javax/naming/directory/Attribute.html) Removes a specified value from the attribute. [**remove(int)**](http://docs.google.com/javax/naming/directory/Attribute.html#remove(int)) - Method in interface javax.naming.directory.[Attribute](http://docs.google.com/javax/naming/directory/Attribute.html) Removes an attribute value from the ordered list of attribute values. [**remove(String)**](http://docs.google.com/javax/naming/directory/Attributes.html#remove(java.lang.String)) - Method in interface javax.naming.directory.[Attributes](http://docs.google.com/javax/naming/directory/Attributes.html) Removes the attribute with the attribute id 'attrID' from the attribute set. [**remove(Object)**](http://docs.google.com/javax/naming/directory/BasicAttribute.html#remove(java.lang.Object)) - Method in class javax.naming.directory.[BasicAttribute](http://docs.google.com/javax/naming/directory/BasicAttribute.html) Removes a specified value from this attribute. [**remove(int)**](http://docs.google.com/javax/naming/directory/BasicAttribute.html#remove(int)) - Method in class javax.naming.directory.[BasicAttribute](http://docs.google.com/javax/naming/directory/BasicAttribute.html)   [**remove(String)**](http://docs.google.com/javax/naming/directory/BasicAttributes.html#remove(java.lang.String)) - Method in class javax.naming.directory.[BasicAttributes](http://docs.google.com/javax/naming/directory/BasicAttributes.html)   [**remove(int)**](http://docs.google.com/javax/naming/ldap/LdapName.html#remove(int)) - Method in class javax.naming.ldap.[LdapName](http://docs.google.com/javax/naming/ldap/LdapName.html) Removes a component from this LDAP name. [**remove(int)**](http://docs.google.com/javax/naming/Name.html#remove(int)) - Method in interface javax.naming.[Name](http://docs.google.com/javax/naming/Name.html) Removes a component from this name. [**remove(int)**](http://docs.google.com/javax/naming/Reference.html#remove(int)) - Method in class javax.naming.[Reference](http://docs.google.com/javax/naming/Reference.html) Deletes the address at index posn from the list of addresses. [**remove(Class<?>)**](http://docs.google.com/javax/print/attribute/AttributeSet.html#remove(java.lang.Class)) - Method in interface javax.print.attribute.[AttributeSet](http://docs.google.com/javax/print/attribute/AttributeSet.html) Removes any attribute for this category from this attribute set if present. [**remove(Attribute)**](http://docs.google.com/javax/print/attribute/AttributeSet.html#remove(javax.print.attribute.Attribute)) - Method in interface javax.print.attribute.[AttributeSet](http://docs.google.com/javax/print/attribute/AttributeSet.html) Removes the specified attribute from this attribute set if present. [**remove(Class<?>)**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#remove(java.lang.Class)) - Method in class javax.print.attribute.[HashAttributeSet](http://docs.google.com/javax/print/attribute/HashAttributeSet.html) Removes any attribute for this category from this attribute set if present. [**remove(Attribute)**](http://docs.google.com/javax/print/attribute/HashAttributeSet.html#remove(javax.print.attribute.Attribute)) - Method in class javax.print.attribute.[HashAttributeSet](http://docs.google.com/javax/print/attribute/HashAttributeSet.html) Removes the specified attribute from this attribute set if present. [**remove(Object)**](http://docs.google.com/javax/script/Bindings.html#remove(java.lang.Object)) - Method in interface javax.script.[Bindings](http://docs.google.com/javax/script/Bindings.html) Removes the mapping for this key from this map if it is present (optional operation). [**remove(Object)**](http://docs.google.com/javax/script/SimpleBindings.html#remove(java.lang.Object)) - Method in class javax.script.[SimpleBindings](http://docs.google.com/javax/script/SimpleBindings.html) Removes the mapping for this key from this map if it is present (optional operation). [**remove(MidiEvent)**](http://docs.google.com/javax/sound/midi/Track.html#remove(javax.sound.midi.MidiEvent)) - Method in class javax.sound.midi.[Track](http://docs.google.com/javax/sound/midi/Track.html) Removes the specified event from the track. [**remove(Object)**](http://docs.google.com/javax/swing/ActionMap.html#remove(java.lang.Object)) - Method in class javax.swing.[ActionMap](http://docs.google.com/javax/swing/ActionMap.html) Removes the binding for key from this ActionMap. [**remove(AbstractButton)**](http://docs.google.com/javax/swing/ButtonGroup.html#remove(javax.swing.AbstractButton)) - Method in class javax.swing.[ButtonGroup](http://docs.google.com/javax/swing/ButtonGroup.html) Removes the button from the group. [**remove(KeyStroke)**](http://docs.google.com/javax/swing/ComponentInputMap.html#remove(javax.swing.KeyStroke)) - Method in class javax.swing.[ComponentInputMap](http://docs.google.com/javax/swing/ComponentInputMap.html) Removes the binding for key from this object. [**remove(int)**](http://docs.google.com/javax/swing/DefaultListModel.html#remove(int)) - Method in class javax.swing.[DefaultListModel](http://docs.google.com/javax/swing/DefaultListModel.html) Removes the element at the specified position in this list. [**REMOVE**](http://docs.google.com/javax/swing/event/DocumentEvent.EventType.html#REMOVE) - Static variable in class javax.swing.event.[DocumentEvent.EventType](http://docs.google.com/javax/swing/event/DocumentEvent.EventType.html) Remove type. [**remove(Class<T>, T)**](http://docs.google.com/javax/swing/event/EventListenerList.html#remove(java.lang.Class,%20T)) - Method in class javax.swing.event.[EventListenerList](http://docs.google.com/javax/swing/event/EventListenerList.html) Removes the listener as a listener of the specified type. [**remove(KeyStroke)**](http://docs.google.com/javax/swing/InputMap.html#remove(javax.swing.KeyStroke)) - Method in class javax.swing.[InputMap](http://docs.google.com/javax/swing/InputMap.html) Removes the binding for key from this InputMap. [**remove(Component)**](http://docs.google.com/javax/swing/JApplet.html#remove(java.awt.Component)) - Method in class javax.swing.[JApplet](http://docs.google.com/javax/swing/JApplet.html) Removes the specified component from the container. [**remove(int)**](http://docs.google.com/javax/swing/JDesktopPane.html#remove(int)) - Method in class javax.swing.[JDesktopPane](http://docs.google.com/javax/swing/JDesktopPane.html) Remove the indexed component from this pane. [**remove(Component)**](http://docs.google.com/javax/swing/JDialog.html#remove(java.awt.Component)) - Method in class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Removes the specified component from the container. [**remove(Component)**](http://docs.google.com/javax/swing/JFrame.html#remove(java.awt.Component)) - Method in class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) Removes the specified component from the container. [**remove(Component)**](http://docs.google.com/javax/swing/JInternalFrame.html#remove(java.awt.Component)) - Method in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Removes the specified component from the container. [**remove(int)**](http://docs.google.com/javax/swing/JLayeredPane.html#remove(int)) - Method in class javax.swing.[JLayeredPane](http://docs.google.com/javax/swing/JLayeredPane.html) Remove the indexed component from this pane. [**remove(JMenuItem)**](http://docs.google.com/javax/swing/JMenu.html#remove(javax.swing.JMenuItem)) - Method in class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Removes the specified menu item from this menu. [**remove(int)**](http://docs.google.com/javax/swing/JMenu.html#remove(int)) - Method in class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Removes the menu item at the specified index from this menu. [**remove(Component)**](http://docs.google.com/javax/swing/JMenu.html#remove(java.awt.Component)) - Method in class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Removes the component c from this menu. [**remove(int)**](http://docs.google.com/javax/swing/JPopupMenu.html#remove(int)) - Method in class javax.swing.[JPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.html) Removes the component at the specified index from this popup menu. [**remove(Component)**](http://docs.google.com/javax/swing/JSplitPane.html#remove(java.awt.Component)) - Method in class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Removes the child component, component from the pane. [**remove(int)**](http://docs.google.com/javax/swing/JSplitPane.html#remove(int)) - Method in class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Removes the Component at the specified index. [**remove(Component)**](http://docs.google.com/javax/swing/JTabbedPane.html#remove(java.awt.Component)) - Method in class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Removes the specified Component from the JTabbedPane. [**remove(int)**](http://docs.google.com/javax/swing/JTabbedPane.html#remove(int)) - Method in class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Removes the tab and component which corresponds to the specified index. [**remove(Component)**](http://docs.google.com/javax/swing/JViewport.html#remove(java.awt.Component)) - Method in class javax.swing.[JViewport](http://docs.google.com/javax/swing/JViewport.html) Removes the Viewports one lightweight child. [**remove(Component)**](http://docs.google.com/javax/swing/JWindow.html#remove(java.awt.Component)) - Method in class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) Removes the specified component from the container. [**remove(int, int)**](http://docs.google.com/javax/swing/text/AbstractDocument.Content.html#remove(int,%20int)) - Method in interface javax.swing.text.[AbstractDocument.Content](http://docs.google.com/javax/swing/text/AbstractDocument.Content.html) Removes some portion of the sequence. [**remove(int, int)**](http://docs.google.com/javax/swing/text/AbstractDocument.html#remove(int,%20int)) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) Removes some content from the document. [**remove(int, int, AbstractDocument.DefaultDocumentEvent)**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html#remove(int,%20int,%20javax.swing.text.AbstractDocument.DefaultDocumentEvent)) - Method in class javax.swing.text.[DefaultStyledDocument.ElementBuffer](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html) Removes content. [**remove(int, int)**](http://docs.google.com/javax/swing/text/Document.html#remove(int,%20int)) - Method in interface javax.swing.text.[Document](http://docs.google.com/javax/swing/text/Document.html) Removes a portion of the content of the document. [**remove(int, int)**](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html#remove(int,%20int)) - Method in class javax.swing.text.[DocumentFilter.FilterBypass](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html) Removes the specified region of text, bypassing the DocumentFilter. [**remove(DocumentFilter.FilterBypass, int, int)**](http://docs.google.com/javax/swing/text/DocumentFilter.html#remove(javax.swing.text.DocumentFilter.FilterBypass,%20int,%20int)) - Method in class javax.swing.text.[DocumentFilter](http://docs.google.com/javax/swing/text/DocumentFilter.html) Invoked prior to removal of the specified region in the specified Document. [**remove(int, int)**](http://docs.google.com/javax/swing/text/GapContent.html#remove(int,%20int)) - Method in class javax.swing.text.[GapContent](http://docs.google.com/javax/swing/text/GapContent.html) Removes part of the content. [**remove(int, int)**](http://docs.google.com/javax/swing/text/StringContent.html#remove(int,%20int)) - Method in class javax.swing.text.[StringContent](http://docs.google.com/javax/swing/text/StringContent.html) Removes part of the content. [**remove(int)**](http://docs.google.com/javax/swing/text/View.html#remove(int)) - Method in class javax.swing.text.[View](http://docs.google.com/javax/swing/text/View.html) Removes one of the children at the given position. [**remove(int)**](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html#remove(int)) - Method in class javax.swing.tree.[DefaultMutableTreeNode](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html) Removes the child at the specified index from this node's children and sets that node's parent to null. [**remove(MutableTreeNode)**](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html#remove(javax.swing.tree.MutableTreeNode)) - Method in class javax.swing.tree.[DefaultMutableTreeNode](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html) Removes aChild from this node's child array, giving it a null parent. [**remove(int)**](http://docs.google.com/javax/swing/tree/MutableTreeNode.html#remove(int)) - Method in interface javax.swing.tree.[MutableTreeNode](http://docs.google.com/javax/swing/tree/MutableTreeNode.html) Removes the child at index from the receiver. [**remove(MutableTreeNode)**](http://docs.google.com/javax/swing/tree/MutableTreeNode.html#remove(javax.swing.tree.MutableTreeNode)) - Method in interface javax.swing.tree.[MutableTreeNode](http://docs.google.com/javax/swing/tree/MutableTreeNode.html) Removes node from the receiver. [**remove()**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#remove()) - Method in class javax.xml.stream.util.[EventReaderDelegate](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html)   [**remove(int)**](http://docs.google.com/org/omg/CORBA/ContextList.html#remove(int)) - Method in class org.omg.CORBA.[ContextList](http://docs.google.com/org/omg/CORBA/ContextList.html) Removes the String object at the given index. [**remove(int)**](http://docs.google.com/org/omg/CORBA/ExceptionList.html#remove(int)) - Method in class org.omg.CORBA.[ExceptionList](http://docs.google.com/org/omg/CORBA/ExceptionList.html) Removes the TypeCode object at the given index. [**remove(int)**](http://docs.google.com/org/omg/CORBA/NVList.html#remove(int)) - Method in class org.omg.CORBA.[NVList](http://docs.google.com/org/omg/CORBA/NVList.html) Removes the NamedValue object at the given index. [**REMOVE\_ATTRIBUTE**](http://docs.google.com/javax/naming/directory/DirContext.html#REMOVE_ATTRIBUTE) - Static variable in interface javax.naming.directory.[DirContext](http://docs.google.com/javax/naming/directory/DirContext.html) This constant specifies to delete the specified attribute values from the attribute. [**removeAccessibleSelection(int)**](http://docs.google.com/java/awt/List.AccessibleAWTList.html#removeAccessibleSelection(int)) - Method in class java.awt.[List.AccessibleAWTList](http://docs.google.com/java/awt/List.AccessibleAWTList.html) Removes the specified selected item in the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#removeAccessibleSelection(int)) - Method in class java.awt.[MenuComponent.AccessibleAWTMenuComponent](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html) Removes the specified child of the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/accessibility/AccessibleSelection.html#removeAccessibleSelection(int)) - Method in interface javax.accessibility.[AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) Removes the specified child of the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JComboBox.AccessibleJComboBox](http://docs.google.com/javax/swing/JComboBox.AccessibleJComboBox.html) Removes the specified child of the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JList.AccessibleJList.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JList.AccessibleJList](http://docs.google.com/javax/swing/JList.AccessibleJList.html) Removes the specified selected item in the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JMenu.AccessibleJMenu](http://docs.google.com/javax/swing/JMenu.AccessibleJMenu.html) Removes the nth item from the selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JMenuBar.AccessibleJMenuBar.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JMenuBar.AccessibleJMenuBar](http://docs.google.com/javax/swing/JMenuBar.AccessibleJMenuBar.html) Removes the nth selected item in the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JTabbedPane.AccessibleJTabbedPane.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JTabbedPane.AccessibleJTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.AccessibleJTabbedPane.html)   [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JTable.AccessibleJTable](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html) Removes the specified child of the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html) Removes the specified selected item in the object from the object's selection. [**removeAccessibleSelection(int)**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html#removeAccessibleSelection(int)) - Method in class javax.swing.[JTree.AccessibleJTree](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html) Removes the specified selected item in the object from the object's selection. [**removeActionListener(ActionListener)**](http://docs.google.com/java/awt/Button.html#removeActionListener(java.awt.event.ActionListener)) - Method in class java.awt.[Button](http://docs.google.com/java/awt/Button.html) Removes the specified action listener so that it no longer receives action events from this button. [**removeActionListener(ActionListener)**](http://docs.google.com/java/awt/List.html#removeActionListener(java.awt.event.ActionListener)) - Method in class java.awt.[List](http://docs.google.com/java/awt/List.html) Removes the specified action listener so that it no longer receives action events from this list. [**removeActionListener(ActionListener)**](http://docs.google.com/java/awt/MenuItem.html#removeActionListener(java.awt.event.ActionListener)) - Method in class java.awt.[MenuItem](http://docs.google.com/java/awt/MenuItem.html) Removes the specified action listener so it no longer receives action events from this menu item. [**removeActionListener(ActionListener)**](http://docs.google.com/java/awt/TextField.html#removeActionListener(java.awt.event.ActionListener)) - Method in class java.awt.[TextField](http://docs.google.com/java/awt/TextField.html) Removes the specified action listener so that it no longer receives action events from this text field. [**removeActionListener(ActionListener)**](http://docs.google.com/java/awt/TrayIcon.html#removeActionListener(java.awt.event.ActionListener)) - Method in class java.awt.[TrayIcon](http://docs.google.com/java/awt/TrayIcon.html) Removes the specified action listener. [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/AbstractButton.html#removeActionListener(java.awt.event.ActionListener)) - Method in class javax.swing.[AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) Removes an ActionListener from the button. [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/ButtonModel.html#removeActionListener(java.awt.event.ActionListener)) - Method in interface javax.swing.[ButtonModel](http://docs.google.com/javax/swing/ButtonModel.html) Removes an ActionListener from the model. [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/ComboBoxEditor.html#removeActionListener(java.awt.event.ActionListener)) - Method in interface javax.swing.[ComboBoxEditor](http://docs.google.com/javax/swing/ComboBoxEditor.html) Remove an ActionListener [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/DefaultButtonModel.html#removeActionListener(java.awt.event.ActionListener)) - Method in class javax.swing.[DefaultButtonModel](http://docs.google.com/javax/swing/DefaultButtonModel.html) Removes an ActionListener from the model. [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/JComboBox.html#removeActionListener(java.awt.event.ActionListener)) - Method in class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Removes an ActionListener. [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/JFileChooser.html#removeActionListener(java.awt.event.ActionListener)) - Method in class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Removes an ActionListener from the file chooser. [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/JTextField.html#removeActionListener(java.awt.event.ActionListener)) - Method in class javax.swing.[JTextField](http://docs.google.com/javax/swing/JTextField.html) Removes the specified action listener so that it no longer receives action events from this textfield. [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxEditor.html#removeActionListener(java.awt.event.ActionListener)) - Method in class javax.swing.plaf.basic.[BasicComboBoxEditor](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxEditor.html)   [**removeActionListener(ActionListener)**](http://docs.google.com/javax/swing/Timer.html#removeActionListener(java.awt.event.ActionListener)) - Method in class javax.swing.[Timer](http://docs.google.com/javax/swing/Timer.html) Removes the specified action listener from the Timer. [**removeAdjustmentListener(AdjustmentListener)**](http://docs.google.com/java/awt/Adjustable.html#removeAdjustmentListener(java.awt.event.AdjustmentListener)) - Method in interface java.awt.[Adjustable](http://docs.google.com/java/awt/Adjustable.html) Removes an adjustment listener. [**removeAdjustmentListener(AdjustmentListener)**](http://docs.google.com/java/awt/Scrollbar.html#removeAdjustmentListener(java.awt.event.AdjustmentListener)) - Method in class java.awt.[Scrollbar](http://docs.google.com/java/awt/Scrollbar.html) Removes the specified adjustment listener so that it no longer receives instances of AdjustmentEvent from this scroll bar. [**removeAdjustmentListener(AdjustmentListener)**](http://docs.google.com/java/awt/ScrollPaneAdjustable.html#removeAdjustmentListener(java.awt.event.AdjustmentListener)) - Method in class java.awt.[ScrollPaneAdjustable](http://docs.google.com/java/awt/ScrollPaneAdjustable.html) Removes the specified adjustment listener so that it no longer receives adjustment events from this ScrollPaneAdjustable. [**removeAdjustmentListener(AdjustmentListener)**](http://docs.google.com/javax/swing/JScrollBar.html#removeAdjustmentListener(java.awt.event.AdjustmentListener)) - Method in class javax.swing.[JScrollBar](http://docs.google.com/javax/swing/JScrollBar.html) Removes an AdjustmentEvent listener. [**removeAll()**](http://docs.google.com/java/awt/Choice.html#removeAll()) - Method in class java.awt.[Choice](http://docs.google.com/java/awt/Choice.html) Removes all items from the choice menu. [**removeAll()**](http://docs.google.com/java/awt/Container.html#removeAll()) - Method in class java.awt.[Container](http://docs.google.com/java/awt/Container.html) Removes all the components from this container. [**removeAll()**](http://docs.google.com/java/awt/List.html#removeAll()) - Method in class java.awt.[List](http://docs.google.com/java/awt/List.html) Removes all items from this list. [**removeAll()**](http://docs.google.com/java/awt/Menu.html#removeAll()) - Method in class java.awt.[Menu](http://docs.google.com/java/awt/Menu.html) Removes all items from this menu. [**removeAll(Collection)**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#removeAll(java.util.Collection)) - Method in class java.beans.beancontext.[BeanContextSupport](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html) remove all specified children (Unsupported) implementations must synchronized on the hierarchy lock and "children" protected field [**removeAll()**](http://docs.google.com/java/net/CookieStore.html#removeAll()) - Method in interface java.net.[CookieStore](http://docs.google.com/java/net/CookieStore.html) Remove all cookies in this cookie store. [**removeAll(Collection<?>)**](http://docs.google.com/java/util/AbstractCollection.html#removeAll(java.util.Collection)) - Method in class java.util.[AbstractCollection](http://docs.google.com/java/util/AbstractCollection.html) Removes all of this collection's elements that are also contained in the specified collection (optional operation). [**removeAll(Collection<?>)**](http://docs.google.com/java/util/AbstractSet.html#removeAll(java.util.Collection)) - Method in class java.util.[AbstractSet](http://docs.google.com/java/util/AbstractSet.html) Removes from this set all of its elements that are contained in the specified collection (optional operation). [**removeAll(Collection<?>)**](http://docs.google.com/java/util/Collection.html#removeAll(java.util.Collection)) - Method in interface java.util.[Collection](http://docs.google.com/java/util/Collection.html) Removes all of this collection's elements that are also contained in the specified collection (optional operation). [**removeAll(Collection<?>)**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListSet.html#removeAll(java.util.Collection)) - Method in class java.util.concurrent.[ConcurrentSkipListSet](http://docs.google.com/java/util/concurrent/ConcurrentSkipListSet.html) Removes from this set all of its elements that are contained in the specified collection. [**removeAll(Collection<?>)**](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html#removeAll(java.util.Collection)) - Method in class java.util.concurrent.[CopyOnWriteArrayList](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html) Removes from this list all of its elements that are contained in the specified collection. [**removeAll(Collection<?>)**](http://docs.google.com/java/util/concurrent/CopyOnWriteArraySet.html#removeAll(java.util.Collection)) - Method in class java.util.concurrent.[CopyOnWriteArraySet](http://docs.google.com/java/util/concurrent/CopyOnWriteArraySet.html) Removes from this set all of its elements that are contained in the specified collection. [**removeAll(Collection<?>)**](http://docs.google.com/java/util/concurrent/SynchronousQueue.html#removeAll(java.util.Collection)) - Method in class java.util.concurrent.[SynchronousQueue](http://docs.google.com/java/util/concurrent/SynchronousQueue.html) Always returns false. [**removeAll(Collection<?>)**](http://docs.google.com/java/util/List.html#removeAll(java.util.Collection)) - Method in interface java.util.[List](http://docs.google.com/java/util/List.html) Removes from this list all of its elements that are contained in the specified collection (optional operation). [**removeAll(Collection<?>)**](http://docs.google.com/java/util/Set.html#removeAll(java.util.Collection)) - Method in interface java.util.[Set](http://docs.google.com/java/util/Set.html) Removes from this set all of its elements that are contained in the specified collection (optional operation). [**removeAll(Collection<?>)**](http://docs.google.com/java/util/Vector.html#removeAll(java.util.Collection)) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Removes from this Vector all of its elements that are contained in the specified Collection. [**removeAll()**](http://docs.google.com/javax/swing/JDesktopPane.html#removeAll()) - Method in class javax.swing.[JDesktopPane](http://docs.google.com/javax/swing/JDesktopPane.html) Removes all the components from this container. [**removeAll()**](http://docs.google.com/javax/swing/JLayeredPane.html#removeAll()) - Method in class javax.swing.[JLayeredPane](http://docs.google.com/javax/swing/JLayeredPane.html) Removes all the components from this container. [**removeAll()**](http://docs.google.com/javax/swing/JMenu.html#removeAll()) - Method in class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Removes all menu items from this menu. [**removeAll()**](http://docs.google.com/javax/swing/JSplitPane.html#removeAll()) - Method in class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Removes all the child components from the split pane. [**removeAll()**](http://docs.google.com/javax/swing/JTabbedPane.html#removeAll()) - Method in class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Removes all the tabs and their corresponding components from the tabbedpane. [**removeAll()**](http://docs.google.com/javax/swing/text/View.html#removeAll()) - Method in class javax.swing.text.[View](http://docs.google.com/javax/swing/text/View.html) Removes all of the children. [**removeAllAttachments()**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#removeAllAttachments()) - Method in class javax.xml.soap.[SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) Removes all AttachmentPart objects that have been added to this SOAPMessage object. [**removeAllChildren()**](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html#removeAllChildren()) - Method in class javax.swing.tree.[DefaultMutableTreeNode](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html) Removes all of this node's children, setting their parents to null. [**removeAllElements()**](http://docs.google.com/java/util/Vector.html#removeAllElements()) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Removes all components from this vector and sets its size to zero. [**removeAllElements()**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#removeAllElements()) - Method in class javax.swing.[DefaultComboBoxModel](http://docs.google.com/javax/swing/DefaultComboBoxModel.html) Empties the list. [**removeAllElements()**](http://docs.google.com/javax/swing/DefaultListModel.html#removeAllElements()) - Method in class javax.swing.[DefaultListModel](http://docs.google.com/javax/swing/DefaultListModel.html) Removes all components from this list and sets its size to zero. [**removeAllFaultSubcodes()**](http://docs.google.com/javax/xml/soap/SOAPFault.html#removeAllFaultSubcodes()) - Method in interface javax.xml.soap.[SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) Removes any Subcodes that may be contained by this SOAPFault. [**removeAllHeaders()**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#removeAllHeaders()) - Method in class javax.xml.soap.[MimeHeaders](http://docs.google.com/javax/xml/soap/MimeHeaders.html) Removes all the header entries from this MimeHeaders object. [**removeAllHighlights()**](http://docs.google.com/javax/swing/text/DefaultHighlighter.html#removeAllHighlights()) - Method in class javax.swing.text.[DefaultHighlighter](http://docs.google.com/javax/swing/text/DefaultHighlighter.html) Removes all highlights. [**removeAllHighlights()**](http://docs.google.com/javax/swing/text/Highlighter.html#removeAllHighlights()) - Method in interface javax.swing.text.[Highlighter](http://docs.google.com/javax/swing/text/Highlighter.html) Removes all highlights this highlighter is responsible for. [**removeAllIIOReadProgressListeners()**](http://docs.google.com/javax/imageio/ImageReader.html#removeAllIIOReadProgressListeners()) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Removes all currently registered IIOReadProgressListener objects. [**removeAllIIOReadUpdateListeners()**](http://docs.google.com/javax/imageio/ImageReader.html#removeAllIIOReadUpdateListeners()) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Removes all currently registered IIOReadUpdateListener objects. [**removeAllIIOReadWarningListeners()**](http://docs.google.com/javax/imageio/ImageReader.html#removeAllIIOReadWarningListeners()) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Removes all currently registered IIOReadWarningListener objects. [**removeAllIIOWriteProgressListeners()**](http://docs.google.com/javax/imageio/ImageWriter.html#removeAllIIOWriteProgressListeners()) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Removes all currently registered IIOWriteProgressListener objects. [**removeAllIIOWriteWarningListeners()**](http://docs.google.com/javax/imageio/ImageWriter.html#removeAllIIOWriteWarningListeners()) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Removes all currently registered IIOWriteWarningListener objects. [**removeAllItems()**](http://docs.google.com/javax/swing/JComboBox.html#removeAllItems()) - Method in class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Removes all items from the item list. [**removeAllMimeHeaders()**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#removeAllMimeHeaders()) - Method in class javax.xml.soap.[AttachmentPart](http://docs.google.com/javax/xml/soap/AttachmentPart.html) Removes all the MIME header entries. [**removeAllMimeHeaders()**](http://docs.google.com/javax/xml/soap/SOAPPart.html#removeAllMimeHeaders()) - Method in class javax.xml.soap.[SOAPPart](http://docs.google.com/javax/xml/soap/SOAPPart.html) Removes all the MimeHeader objects for this SOAPEnvelope object. [**removeAllNotifications()**](http://docs.google.com/javax/management/timer/Timer.html#removeAllNotifications()) - Method in class javax.management.timer.[Timer](http://docs.google.com/javax/management/timer/Timer.html) Removes all the timer notifications from the list of notifications and resets the counter used to update the timer notification identifiers. [**removeAllNotifications()**](http://docs.google.com/javax/management/timer/TimerMBean.html#removeAllNotifications()) - Method in interface javax.management.timer.[TimerMBean](http://docs.google.com/javax/management/timer/TimerMBean.html) Removes all the timer notifications from the list of notifications and resets the counter used to update the timer notification identifiers. [**removeAncestorListener(AncestorListener)**](http://docs.google.com/javax/swing/JComponent.html#removeAncestorListener(javax.swing.event.AncestorListener)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Unregisters listener so that it will no longer receive AncestorEvents. [**removeAttachments(MimeHeaders)**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#removeAttachments(javax.xml.soap.MimeHeaders)) - Method in class javax.xml.soap.[SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) Removes all the AttachmentPart objects that have header entries that match the specified headers. [**removeAttribute(String, String)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#removeAttribute(java.lang.String,%20java.lang.String)) - Method in class javax.imageio.metadata.[IIOMetadataFormatImpl](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html) Removes an attribute from a previously defined element. [**removeAttribute(String)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html#removeAttribute(java.lang.String)) - Method in class javax.imageio.metadata.[IIOMetadataNode](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html)   [**removeAttribute(String, int)**](http://docs.google.com/javax/script/ScriptContext.html#removeAttribute(java.lang.String,%20int)) - Method in interface javax.script.[ScriptContext](http://docs.google.com/javax/script/ScriptContext.html) Remove an attribute in a given scope. [**removeAttribute(String, int)**](http://docs.google.com/javax/script/SimpleScriptContext.html#removeAttribute(java.lang.String,%20int)) - Method in class javax.script.[SimpleScriptContext](http://docs.google.com/javax/script/SimpleScriptContext.html) Remove an attribute in a given scope. [**removeAttribute(Object)**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#removeAttribute(java.lang.Object)) - Method in class javax.swing.text.[AbstractDocument.AbstractElement](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html) Removes an attribute from the set. [**removeAttribute(AttributeSet, Object)**](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html#removeAttribute(javax.swing.text.AttributeSet,%20java.lang.Object)) - Method in interface javax.swing.text.[AbstractDocument.AttributeContext](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html) Removes an attribute from the set. [**removeAttribute(AttributeSet, Object)**](http://docs.google.com/javax/swing/text/html/StyleSheet.html#removeAttribute(javax.swing.text.AttributeSet,%20java.lang.Object)) - Method in class javax.swing.text.html.[StyleSheet](http://docs.google.com/javax/swing/text/html/StyleSheet.html) Removes an attribute from the set. [**removeAttribute(Object)**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#removeAttribute(java.lang.Object)) - Method in interface javax.swing.text.[MutableAttributeSet](http://docs.google.com/javax/swing/text/MutableAttributeSet.html) Removes an attribute with the given name. [**removeAttribute(Object)**](http://docs.google.com/javax/swing/text/SimpleAttributeSet.html#removeAttribute(java.lang.Object)) - Method in class javax.swing.text.[SimpleAttributeSet](http://docs.google.com/javax/swing/text/SimpleAttributeSet.html) Removes an attribute from the list. [**removeAttribute(Object)**](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html#removeAttribute(java.lang.Object)) - Method in class javax.swing.text.[StyleContext.NamedStyle](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html) Removes an attribute from the set. [**removeAttribute(AttributeSet, Object)**](http://docs.google.com/javax/swing/text/StyleContext.html#removeAttribute(javax.swing.text.AttributeSet,%20java.lang.Object)) - Method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Removes an attribute from the set. [**removeAttribute(Name)**](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeAttribute(javax.xml.soap.Name)) - Method in interface javax.xml.soap.[SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) Removes the attribute with the specified name. [**removeAttribute(QName)**](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeAttribute(javax.xml.namespace.QName)) - Method in interface javax.xml.soap.[SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) Removes the attribute with the specified qname. [**removeAttribute(String)**](http://docs.google.com/org/w3c/dom/Element.html#removeAttribute(java.lang.String)) - Method in interface org.w3c.dom.[Element](http://docs.google.com/org/w3c/dom/Element.html) Removes an attribute by name. [**removeAttribute(int)**](http://docs.google.com/org/xml/sax/ext/Attributes2Impl.html#removeAttribute(int)) - Method in class org.xml.sax.ext.[Attributes2Impl](http://docs.google.com/org/xml/sax/ext/Attributes2Impl.html)   [**removeAttribute(String)**](http://docs.google.com/org/xml/sax/helpers/AttributeListImpl.html#removeAttribute(java.lang.String)) - Method in class org.xml.sax.helpers.[AttributeListImpl](http://docs.google.com/org/xml/sax/helpers/AttributeListImpl.html) **Deprecated.** Remove an attribute from the list. [**removeAttribute(int)**](http://docs.google.com/org/xml/sax/helpers/AttributesImpl.html#removeAttribute(int)) - Method in class org.xml.sax.helpers.[AttributesImpl](http://docs.google.com/org/xml/sax/helpers/AttributesImpl.html) Remove an attribute from the list. [**removeAttributeChangeNotificationListener(NotificationListener, String)**](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html#removeAttributeChangeNotificationListener(javax.management.NotificationListener,%20java.lang.String)) - Method in interface javax.management.modelmbean.[ModelMBeanNotificationBroadcaster](http://docs.google.com/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.html) Removes a listener for attributeChangeNotifications from the RequiredModelMBean. [**removeAttributeChangeNotificationListener(NotificationListener, String)**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#removeAttributeChangeNotificationListener(javax.management.NotificationListener,%20java.lang.String)) - Method in class javax.management.modelmbean.[RequiredModelMBean](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html)   [**removeAttributeNode(Attr)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html#removeAttributeNode(org.w3c.dom.Attr)) - Method in class javax.imageio.metadata.[IIOMetadataNode](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html)   [**removeAttributeNode(Attr)**](http://docs.google.com/org/w3c/dom/Element.html#removeAttributeNode(org.w3c.dom.Attr)) - Method in interface org.w3c.dom.[Element](http://docs.google.com/org/w3c/dom/Element.html) Removes the specified attribute node. [**removeAttributeNS(String, String)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html#removeAttributeNS(java.lang.String,%20java.lang.String)) - Method in class javax.imageio.metadata.[IIOMetadataNode](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html) Equivalent to removeAttribute(localName). [**removeAttributeNS(String, String)**](http://docs.google.com/org/w3c/dom/Element.html#removeAttributeNS(java.lang.String,%20java.lang.String)) - Method in interface org.w3c.dom.[Element](http://docs.google.com/org/w3c/dom/Element.html) Removes an attribute by local name and namespace URI. [**removeAttributes(Enumeration<?>)**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#removeAttributes(java.util.Enumeration)) - Method in class javax.swing.text.[AbstractDocument.AbstractElement](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet)**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#removeAttributes(javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[AbstractDocument.AbstractElement](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet, Enumeration<?>)**](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html#removeAttributes(javax.swing.text.AttributeSet,%20java.util.Enumeration)) - Method in interface javax.swing.text.[AbstractDocument.AttributeContext](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet, AttributeSet)**](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html#removeAttributes(javax.swing.text.AttributeSet,%20javax.swing.text.AttributeSet)) - Method in interface javax.swing.text.[AbstractDocument.AttributeContext](http://docs.google.com/javax/swing/text/AbstractDocument.AttributeContext.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet, Enumeration<?>)**](http://docs.google.com/javax/swing/text/html/StyleSheet.html#removeAttributes(javax.swing.text.AttributeSet,%20java.util.Enumeration)) - Method in class javax.swing.text.html.[StyleSheet](http://docs.google.com/javax/swing/text/html/StyleSheet.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet, AttributeSet)**](http://docs.google.com/javax/swing/text/html/StyleSheet.html#removeAttributes(javax.swing.text.AttributeSet,%20javax.swing.text.AttributeSet)) - Method in class javax.swing.text.html.[StyleSheet](http://docs.google.com/javax/swing/text/html/StyleSheet.html) Removes a set of attributes. [**removeAttributes(Enumeration<?>)**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#removeAttributes(java.util.Enumeration)) - Method in interface javax.swing.text.[MutableAttributeSet](http://docs.google.com/javax/swing/text/MutableAttributeSet.html) Removes an attribute set with the given names. [**removeAttributes(AttributeSet)**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#removeAttributes(javax.swing.text.AttributeSet)) - Method in interface javax.swing.text.[MutableAttributeSet](http://docs.google.com/javax/swing/text/MutableAttributeSet.html) Removes a set of attributes with the given name. [**removeAttributes(Enumeration<?>)**](http://docs.google.com/javax/swing/text/SimpleAttributeSet.html#removeAttributes(java.util.Enumeration)) - Method in class javax.swing.text.[SimpleAttributeSet](http://docs.google.com/javax/swing/text/SimpleAttributeSet.html) Removes a set of attributes from the list. [**removeAttributes(AttributeSet)**](http://docs.google.com/javax/swing/text/SimpleAttributeSet.html#removeAttributes(javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[SimpleAttributeSet](http://docs.google.com/javax/swing/text/SimpleAttributeSet.html) Removes a set of attributes from the list. [**removeAttributes(Enumeration<?>)**](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html#removeAttributes(java.util.Enumeration)) - Method in class javax.swing.text.[StyleContext.NamedStyle](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet)**](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html#removeAttributes(javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[StyleContext.NamedStyle](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet, Enumeration<?>)**](http://docs.google.com/javax/swing/text/StyleContext.html#removeAttributes(javax.swing.text.AttributeSet,%20java.util.Enumeration)) - Method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Removes a set of attributes for the element. [**removeAttributes(AttributeSet, AttributeSet)**](http://docs.google.com/javax/swing/text/StyleContext.html#removeAttributes(javax.swing.text.AttributeSet,%20javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Removes a set of attributes for the element. [**removeAuxiliaryLookAndFeel(LookAndFeel)**](http://docs.google.com/javax/swing/UIManager.html#removeAuxiliaryLookAndFeel(javax.swing.LookAndFeel)) - Static method in class javax.swing.[UIManager](http://docs.google.com/javax/swing/UIManager.html) Removes a LookAndFeel from the list of auxiliary look and feels. [**removeAWTEventListener(AWTEventListener)**](http://docs.google.com/java/awt/Toolkit.html#removeAWTEventListener(java.awt.event.AWTEventListener)) - Method in class java.awt.[Toolkit](http://docs.google.com/java/awt/Toolkit.html) Removes an AWTEventListener from receiving dispatched AWTEvents. [**removeBeanContextMembershipListener(BeanContextMembershipListener)**](http://docs.google.com/java/beans/beancontext/BeanContext.html#removeBeanContextMembershipListener(java.beans.beancontext.BeanContextMembershipListener)) - Method in interface java.beans.beancontext.[BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) Removes the specified BeanContextMembershipListener so that it no longer receives BeanContextMembershipEvents when the child Component(s) are added or removed. [**removeBeanContextMembershipListener(BeanContextMembershipListener)**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#removeBeanContextMembershipListener(java.beans.beancontext.BeanContextMembershipListener)) - Method in class java.beans.beancontext.[BeanContextSupport](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html) Removes a BeanContextMembershipListener [**removeBeanContextServicesListener(BeanContextServicesListener)**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#removeBeanContextServicesListener(java.beans.beancontext.BeanContextServicesListener)) - Method in interface java.beans.beancontext.[BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) Removes a BeanContextServicesListener from this BeanContext [**removeBeanContextServicesListener(BeanContextServicesListener)**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#removeBeanContextServicesListener(java.beans.beancontext.BeanContextServicesListener)) - Method in class java.beans.beancontext.[BeanContextServicesSupport](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html) remove a BeanContextServicesListener [**removeBindings()**](http://docs.google.com/javax/swing/text/Keymap.html#removeBindings()) - Method in interface javax.swing.text.[Keymap](http://docs.google.com/javax/swing/text/Keymap.html) Removes all bindings from the keymap. [**removeCaretListener(CaretListener)**](http://docs.google.com/javax/swing/text/JTextComponent.html#removeCaretListener(javax.swing.event.CaretListener)) - Method in class javax.swing.text.[JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) Removes a caret listener. [**removeCellEditorListener(CellEditorListener)**](http://docs.google.com/javax/swing/AbstractCellEditor.html#removeCellEditorListener(javax.swing.event.CellEditorListener)) - Method in class javax.swing.[AbstractCellEditor](http://docs.google.com/javax/swing/AbstractCellEditor.html) Removes a CellEditorListener from the listener list. [**removeCellEditorListener(CellEditorListener)**](http://docs.google.com/javax/swing/CellEditor.html#removeCellEditorListener(javax.swing.event.CellEditorListener)) - Method in interface javax.swing.[CellEditor](http://docs.google.com/javax/swing/CellEditor.html) Removes a listener from the list that's notified [**removeCellEditorListener(CellEditorListener)**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#removeCellEditorListener(javax.swing.event.CellEditorListener)) - Method in class javax.swing.tree.[DefaultTreeCellEditor](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html) Removes the previously added CellEditorListener. [**removeCertificate(Certificate)**](http://docs.google.com/java/security/Identity.html#removeCertificate(java.security.Certificate)) - Method in class java.security.[Identity](http://docs.google.com/java/security/Identity.html) **Deprecated.** Removes a certificate from this identity. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/AbstractButton.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) Removes a ChangeListener from the button. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/AbstractSpinnerModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[AbstractSpinnerModel](http://docs.google.com/javax/swing/AbstractSpinnerModel.html) Removes a ChangeListener from the model's listener list. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/BoundedRangeModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in interface javax.swing.[BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) Removes a ChangeListener from the model's listener list. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/ButtonModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in interface javax.swing.[ButtonModel](http://docs.google.com/javax/swing/ButtonModel.html) Removes a ChangeListener from the model. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/colorchooser/ColorSelectionModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in interface javax.swing.colorchooser.[ColorSelectionModel](http://docs.google.com/javax/swing/colorchooser/ColorSelectionModel.html) Removes listener as a listener to changes in the model. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/colorchooser/DefaultColorSelectionModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.colorchooser.[DefaultColorSelectionModel](http://docs.google.com/javax/swing/colorchooser/DefaultColorSelectionModel.html) Removes a ChangeListener from the model. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/DefaultBoundedRangeModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[DefaultBoundedRangeModel](http://docs.google.com/javax/swing/DefaultBoundedRangeModel.html) Removes a ChangeListener. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/DefaultButtonModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[DefaultButtonModel](http://docs.google.com/javax/swing/DefaultButtonModel.html) Removes a ChangeListener from the model. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/DefaultSingleSelectionModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[DefaultSingleSelectionModel](http://docs.google.com/javax/swing/DefaultSingleSelectionModel.html) Removes a ChangeListener from the button. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/JProgressBar.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[JProgressBar](http://docs.google.com/javax/swing/JProgressBar.html) Removes a ChangeListener from the progress bar. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/JSlider.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[JSlider](http://docs.google.com/javax/swing/JSlider.html) Removes a ChangeListener from the slider. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/JSpinner.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[JSpinner](http://docs.google.com/javax/swing/JSpinner.html) Removes a ChangeListener from this spinner. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/JTabbedPane.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Removes a ChangeListener from this tabbedpane. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/JViewport.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[JViewport](http://docs.google.com/javax/swing/JViewport.html) Removes a ChangeListener from the list that's notified each time the views size, position, or the viewports extent size has changed. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/MenuSelectionManager.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.[MenuSelectionManager](http://docs.google.com/javax/swing/MenuSelectionManager.html) Removes a ChangeListener from the button. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/SingleSelectionModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in interface javax.swing.[SingleSelectionModel](http://docs.google.com/javax/swing/SingleSelectionModel.html) Removes *listener* as a listener to changes in the model. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/SpinnerModel.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in interface javax.swing.[SpinnerModel](http://docs.google.com/javax/swing/SpinnerModel.html) Removes a ChangeListener from the model's listener list. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/text/Caret.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in interface javax.swing.text.[Caret](http://docs.google.com/javax/swing/text/Caret.html) Removes a listener that was tracking caret position changes. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/text/DefaultCaret.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.text.[DefaultCaret](http://docs.google.com/javax/swing/text/DefaultCaret.html) Removes a listener that was tracking caret position changes. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/text/Style.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in interface javax.swing.text.[Style](http://docs.google.com/javax/swing/text/Style.html) Removes a listener that was tracking attribute changes. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.text.[StyleContext.NamedStyle](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html) Removes a change listener. [**removeChangeListener(ChangeListener)**](http://docs.google.com/javax/swing/text/StyleContext.html#removeChangeListener(javax.swing.event.ChangeListener)) - Method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Removes a listener that was tracking styles being added or removed. [**removeChild(Node)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html#removeChild(org.w3c.dom.Node)) - Method in class javax.imageio.metadata.[IIOMetadataNode](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html) Removes the child node indicated by oldChild from the list of children, and returns it. [**removeChild(Node)**](http://docs.google.com/org/w3c/dom/Node.html#removeChild(org.w3c.dom.Node)) - Method in interface org.w3c.dom.[Node](http://docs.google.com/org/w3c/dom/Node.html) Removes the child node indicated by oldChild from the list of children, and returns it. [**removeChoosableFileFilter(FileFilter)**](http://docs.google.com/javax/swing/JFileChooser.html#removeChoosableFileFilter(javax.swing.filechooser.FileFilter)) - Method in class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Removes a filter from the list of user choosable file filters. [**removeChooserPanel(AbstractColorChooserPanel)**](http://docs.google.com/javax/swing/JColorChooser.html#removeChooserPanel(javax.swing.colorchooser.AbstractColorChooserPanel)) - Method in class javax.swing.[JColorChooser](http://docs.google.com/javax/swing/JColorChooser.html) Removes the Color Panel specified. [**removeColumn(TableColumn)**](http://docs.google.com/javax/swing/JTable.html#removeColumn(javax.swing.table.TableColumn)) - Method in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Removes aColumn from this JTable's array of columns. [**removeColumn(TableColumn)**](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html#removeColumn(javax.swing.table.TableColumn)) - Method in class javax.swing.table.[DefaultTableColumnModel](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html) Deletes the column from the tableColumns array. [**removeColumn(TableColumn)**](http://docs.google.com/javax/swing/table/TableColumnModel.html#removeColumn(javax.swing.table.TableColumn)) - Method in interface javax.swing.table.[TableColumnModel](http://docs.google.com/javax/swing/table/TableColumnModel.html) Deletes the TableColumn column from the tableColumns array. [**removeColumnModelListener(TableColumnModelListener)**](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html#removeColumnModelListener(javax.swing.event.TableColumnModelListener)) - Method in class javax.swing.table.[DefaultTableColumnModel](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html) Removes a listener for table column model events. [**removeColumnModelListener(TableColumnModelListener)**](http://docs.google.com/javax/swing/table/TableColumnModel.html#removeColumnModelListener(javax.swing.event.TableColumnModelListener)) - Method in interface javax.swing.table.[TableColumnModel](http://docs.google.com/javax/swing/table/TableColumnModel.html) Removes a listener for table column model events. [**removeColumnSelectionInterval(int, int)**](http://docs.google.com/javax/swing/JTable.html#removeColumnSelectionInterval(int,%20int)) - Method in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Deselects the columns from index0 to index1, inclusive. [**removeComponentListener(ComponentListener)**](http://docs.google.com/java/awt/Component.html#removeComponentListener(java.awt.event.ComponentListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified component listener so that it no longer receives component events from this component. [**removeConnectionEventListener(ConnectionEventListener)**](http://docs.google.com/javax/sql/PooledConnection.html#removeConnectionEventListener(javax.sql.ConnectionEventListener)) - Method in interface javax.sql.[PooledConnection](http://docs.google.com/javax/sql/PooledConnection.html) Removes the given event listener from the list of components that will be notified when an event occurs on this PooledConnection object. [**removeConnectionNotificationListener(NotificationListener)**](http://docs.google.com/javax/management/remote/JMXConnector.html#removeConnectionNotificationListener(javax.management.NotificationListener)) - Method in interface javax.management.remote.[JMXConnector](http://docs.google.com/javax/management/remote/JMXConnector.html) Removes a listener from the list to be informed of changes in status. [**removeConnectionNotificationListener(NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/remote/JMXConnector.html#removeConnectionNotificationListener(javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in interface javax.management.remote.[JMXConnector](http://docs.google.com/javax/management/remote/JMXConnector.html) Removes a listener from the list to be informed of changes in status. [**removeConnectionNotificationListener(NotificationListener)**](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html#removeConnectionNotificationListener(javax.management.NotificationListener)) - Method in class javax.management.remote.rmi.[RMIConnector](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html)   [**removeConnectionNotificationListener(NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html#removeConnectionNotificationListener(javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in class javax.management.remote.rmi.[RMIConnector](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html)   [**removeConsumer(ImageConsumer)**](http://docs.google.com/java/awt/image/FilteredImageSource.html#removeConsumer(java.awt.image.ImageConsumer)) - Method in class java.awt.image.[FilteredImageSource](http://docs.google.com/java/awt/image/FilteredImageSource.html) Removes an ImageConsumer from the list of consumers interested in data for this image. [**removeConsumer(ImageConsumer)**](http://docs.google.com/java/awt/image/ImageProducer.html#removeConsumer(java.awt.image.ImageConsumer)) - Method in interface java.awt.image.[ImageProducer](http://docs.google.com/java/awt/image/ImageProducer.html) Removes the specified ImageConsumer object from the list of consumers currently registered to receive image data. [**removeConsumer(ImageConsumer)**](http://docs.google.com/java/awt/image/MemoryImageSource.html#removeConsumer(java.awt.image.ImageConsumer)) - Method in class java.awt.image.[MemoryImageSource](http://docs.google.com/java/awt/image/MemoryImageSource.html) Removes an ImageConsumer from the list of consumers interested in data for this image. [**removeConsumer(ImageConsumer)**](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html#removeConsumer(java.awt.image.ImageConsumer)) - Method in class java.awt.image.renderable.[RenderableImageProducer](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html) Remove an ImageConsumer from the list of consumers interested in data for this image. [**removeContainerListener(ContainerListener)**](http://docs.google.com/java/awt/Container.html#removeContainerListener(java.awt.event.ContainerListener)) - Method in class java.awt.[Container](http://docs.google.com/java/awt/Container.html) Removes the specified container listener so it no longer receives container events from this container. [**removeContents()**](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeContents()) - Method in interface javax.xml.soap.[SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) Detaches all children of this SOAPElement. [**removeControlButtons()**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html#removeControlButtons()) - Method in class javax.swing.plaf.metal.[MetalFileChooserUI](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html)   [**removeControllerEventListener(ControllerEventListener, int[])**](http://docs.google.com/javax/sound/midi/Sequencer.html#removeControllerEventListener(javax.sound.midi.ControllerEventListener,%20int%5B%5D)) - Method in interface javax.sound.midi.[Sequencer](http://docs.google.com/javax/sound/midi/Sequencer.html) Removes a controller event listener's interest in one or more types of controller event. [**removeDescendantSelectedPaths(TreePath, boolean)**](http://docs.google.com/javax/swing/JTree.html#removeDescendantSelectedPaths(javax.swing.tree.TreePath,%20boolean)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes any paths in the selection that are descendants of path. [**removeDescendantToggledPaths(Enumeration<TreePath>)**](http://docs.google.com/javax/swing/JTree.html#removeDescendantToggledPaths(java.util.Enumeration)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes any descendants of the TreePaths in toRemove that have been expanded. [**removeDocumentListener(DocumentListener)**](http://docs.google.com/javax/swing/text/AbstractDocument.html#removeDocumentListener(javax.swing.event.DocumentListener)) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) Removes a document listener. [**removeDocumentListener(DocumentListener)**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html#removeDocumentListener(javax.swing.event.DocumentListener)) - Method in class javax.swing.text.[DefaultStyledDocument](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html) Removes a document listener. [**removeDocumentListener(DocumentListener)**](http://docs.google.com/javax/swing/text/Document.html#removeDocumentListener(javax.swing.event.DocumentListener)) - Method in interface javax.swing.text.[Document](http://docs.google.com/javax/swing/text/Document.html) Unregisters the given observer from the notification list so it will no longer receive change updates. [**removeDragGestureListener(DragGestureListener)**](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html#removeDragGestureListener(java.awt.dnd.DragGestureListener)) - Method in class java.awt.dnd.[DragGestureRecognizer](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html) unregister the current DragGestureListener [**removeDragSourceListener(DragSourceListener)**](http://docs.google.com/java/awt/dnd/DragSource.html#removeDragSourceListener(java.awt.dnd.DragSourceListener)) - Method in class java.awt.dnd.[DragSource](http://docs.google.com/java/awt/dnd/DragSource.html) Removes the specified DragSourceListener from this DragSource. [**removeDragSourceListener(DragSourceListener)**](http://docs.google.com/java/awt/dnd/DragSourceContext.html#removeDragSourceListener(java.awt.dnd.DragSourceListener)) - Method in class java.awt.dnd.[DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) Removes the specified DragSourceListener from this DragSourceContext. [**removeDragSourceMotionListener(DragSourceMotionListener)**](http://docs.google.com/java/awt/dnd/DragSource.html#removeDragSourceMotionListener(java.awt.dnd.DragSourceMotionListener)) - Method in class java.awt.dnd.[DragSource](http://docs.google.com/java/awt/dnd/DragSource.html) Removes the specified DragSourceMotionListener from this DragSource. [**removeDropTargetListener(DropTargetListener)**](http://docs.google.com/java/awt/dnd/DropTarget.html#removeDropTargetListener(java.awt.dnd.DropTargetListener)) - Method in class java.awt.dnd.[DropTarget](http://docs.google.com/java/awt/dnd/DropTarget.html) Removes the current DropTargetListener (UNICAST SOURCE). [**removeEditor()**](http://docs.google.com/javax/swing/JTable.html#removeEditor()) - Method in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Discards the editor object and frees the real estate it used for cell rendering. [**removeEditor()**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#removeEditor()) - Method in class javax.swing.plaf.basic.[BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) This public method is implementation specific and should be private. [**removeEldestEntry(Map.Entry<K, V>)**](http://docs.google.com/java/util/LinkedHashMap.html#removeEldestEntry(java.util.Map.Entry)) - Method in class java.util.[LinkedHashMap](http://docs.google.com/java/util/LinkedHashMap.html) Returns true if this map should remove its eldest entry. [**removeElement(Object)**](http://docs.google.com/java/util/Vector.html#removeElement(java.lang.Object)) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Removes the first (lowest-indexed) occurrence of the argument from this vector. [**removeElement(String)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#removeElement(java.lang.String)) - Method in class javax.imageio.metadata.[IIOMetadataFormatImpl](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html) Removes an element from the format. [**removeElement(Object)**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#removeElement(java.lang.Object)) - Method in class javax.swing.[DefaultComboBoxModel](http://docs.google.com/javax/swing/DefaultComboBoxModel.html)   [**removeElement(Object)**](http://docs.google.com/javax/swing/DefaultListModel.html#removeElement(java.lang.Object)) - Method in class javax.swing.[DefaultListModel](http://docs.google.com/javax/swing/DefaultListModel.html) Removes the first (lowest-indexed) occurrence of the argument from this list. [**removeElement(Object)**](http://docs.google.com/javax/swing/MutableComboBoxModel.html#removeElement(java.lang.Object)) - Method in interface javax.swing.[MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html) Removes an item from the model. [**removeElementAt(int)**](http://docs.google.com/java/util/Vector.html#removeElementAt(int)) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Deletes the component at the specified index. [**removeElementAt(int)**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#removeElementAt(int)) - Method in class javax.swing.[DefaultComboBoxModel](http://docs.google.com/javax/swing/DefaultComboBoxModel.html)   [**removeElementAt(int)**](http://docs.google.com/javax/swing/DefaultListModel.html#removeElementAt(int)) - Method in class javax.swing.[DefaultListModel](http://docs.google.com/javax/swing/DefaultListModel.html) Deletes the component at the specified index. [**removeElementAt(int)**](http://docs.google.com/javax/swing/MutableComboBoxModel.html#removeElementAt(int)) - Method in interface javax.swing.[MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html) Removes an item at a specific index. [**removeEntries(int, int)**](http://docs.google.com/javax/swing/SizeSequence.html#removeEntries(int,%20int)) - Method in class javax.swing.[SizeSequence](http://docs.google.com/javax/swing/SizeSequence.html) Removes a contiguous group of entries from this SizeSequence. [**removeEntry(Principal, AclEntry)**](http://docs.google.com/java/security/acl/Acl.html#removeEntry(java.security.Principal,%20java.security.acl.AclEntry)) - Method in interface java.security.acl.[Acl](http://docs.google.com/java/security/acl/Acl.html) Removes an ACL entry from this ACL. [**removeEventListener(String, EventListener, boolean)**](http://docs.google.com/org/w3c/dom/events/EventTarget.html#removeEventListener(java.lang.String,%20org.w3c.dom.events.EventListener,%20boolean)) - Method in interface org.w3c.dom.events.[EventTarget](http://docs.google.com/org/w3c/dom/events/EventTarget.html) This method allows the removal of event listeners from the event target. [**removeField(String)**](http://docs.google.com/javax/management/Descriptor.html#removeField(java.lang.String)) - Method in interface javax.management.[Descriptor](http://docs.google.com/javax/management/Descriptor.html) Removes a field from the descriptor. [**removeField(String)**](http://docs.google.com/javax/management/ImmutableDescriptor.html#removeField(java.lang.String)) - Method in class javax.management.[ImmutableDescriptor](http://docs.google.com/javax/management/ImmutableDescriptor.html) Removes a field from the descriptor. [**removeField(String)**](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html#removeField(java.lang.String)) - Method in class javax.management.modelmbean.[DescriptorSupport](http://docs.google.com/javax/management/modelmbean/DescriptorSupport.html)   [**removeFirst()**](http://docs.google.com/java/util/ArrayDeque.html#removeFirst()) - Method in class java.util.[ArrayDeque](http://docs.google.com/java/util/ArrayDeque.html)   [**removeFirst()**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html#removeFirst()) - Method in class java.util.concurrent.[LinkedBlockingDeque](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html)   [**removeFirst()**](http://docs.google.com/java/util/Deque.html#removeFirst()) - Method in interface java.util.[Deque](http://docs.google.com/java/util/Deque.html) Retrieves and removes the first element of this deque. [**removeFirst()**](http://docs.google.com/java/util/LinkedList.html#removeFirst()) - Method in class java.util.[LinkedList](http://docs.google.com/java/util/LinkedList.html) Removes and returns the first element from this list. [**removeFirstOccurrence(Object)**](http://docs.google.com/java/util/ArrayDeque.html#removeFirstOccurrence(java.lang.Object)) - Method in class java.util.[ArrayDeque](http://docs.google.com/java/util/ArrayDeque.html) Removes the first occurrence of the specified element in this deque (when traversing the deque from head to tail). [**removeFirstOccurrence(Object)**](http://docs.google.com/java/util/concurrent/BlockingDeque.html#removeFirstOccurrence(java.lang.Object)) - Method in interface java.util.concurrent.[BlockingDeque](http://docs.google.com/java/util/concurrent/BlockingDeque.html) Removes the first occurrence of the specified element from this deque. [**removeFirstOccurrence(Object)**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html#removeFirstOccurrence(java.lang.Object)) - Method in class java.util.concurrent.[LinkedBlockingDeque](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html)   [**removeFirstOccurrence(Object)**](http://docs.google.com/java/util/Deque.html#removeFirstOccurrence(java.lang.Object)) - Method in interface java.util.[Deque](http://docs.google.com/java/util/Deque.html) Removes the first occurrence of the specified element from this deque. [**removeFirstOccurrence(Object)**](http://docs.google.com/java/util/LinkedList.html#removeFirstOccurrence(java.lang.Object)) - Method in class java.util.[LinkedList](http://docs.google.com/java/util/LinkedList.html) Removes the first occurrence of the specified element in this list (when traversing the list from head to tail). [**removeFlavorListener(FlavorListener)**](http://docs.google.com/java/awt/datatransfer/Clipboard.html#removeFlavorListener(java.awt.datatransfer.FlavorListener)) - Method in class java.awt.datatransfer.[Clipboard](http://docs.google.com/java/awt/datatransfer/Clipboard.html) Removes the specified FlavorListener so that it no longer receives FlavorEvents from this Clipboard. [**removeFocusListener(FocusListener)**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class java.awt.[Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) Removes the specified focus listener so it no longer receives focus events from this component. [**removeFocusListener(FocusListener)**](http://docs.google.com/java/awt/Component.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified focus listener so that it no longer receives focus events from this component. [**removeFocusListener(FocusListener)**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class java.awt.[List.AccessibleAWTList.AccessibleAWTListChild](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html) Removes the specified focus listener so it no longer receives focus events from this component. [**removeFocusListener(FocusListener)**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class java.awt.[MenuComponent.AccessibleAWTMenuComponent](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html) Removes the specified focus listener so it no longer receives focus events from this component. [**removeFocusListener(FocusListener)**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener)) - Method in interface javax.accessibility.[AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) Removes the specified focus listener so it no longer receives focus events from this component. [**removeFocusListener(FocusListener)**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class javax.swing.[JList.AccessibleJList.AccessibleJListChild](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html)   [**removeFocusListener(FocusListener)**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class javax.swing.[JTable.AccessibleJTable.AccessibleJTableCell](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html)   [**removeFocusListener(FocusListener)**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class javax.swing.[JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html)   [**removeFocusListener(FocusListener)**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#removeFocusListener(java.awt.event.FocusListener)) - Method in class javax.swing.table.[JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html)   [**removeFromEnvironment(String)**](http://docs.google.com/javax/naming/Context.html#removeFromEnvironment(java.lang.String)) - Method in interface javax.naming.[Context](http://docs.google.com/javax/naming/Context.html) Removes an environment property from the environment of this context. [**removeFromEnvironment(String)**](http://docs.google.com/javax/naming/InitialContext.html#removeFromEnvironment(java.lang.String)) - Method in class javax.naming.[InitialContext](http://docs.google.com/javax/naming/InitialContext.html)   [**removeFromParent()**](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html#removeFromParent()) - Method in class javax.swing.tree.[DefaultMutableTreeNode](http://docs.google.com/javax/swing/tree/DefaultMutableTreeNode.html) Removes the subtree rooted at this node from the tree, giving this node a null parent. [**removeFromParent()**](http://docs.google.com/javax/swing/tree/MutableTreeNode.html#removeFromParent()) - Method in interface javax.swing.tree.[MutableTreeNode](http://docs.google.com/javax/swing/tree/MutableTreeNode.html) Removes the receiver from its parent. [**removeFromSource()**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.MouseInputHandler.html#removeFromSource()) - Method in class javax.swing.plaf.basic.[BasicTreeUI.MouseInputHandler](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.MouseInputHandler.html)   [**removeHandler(Handler)**](http://docs.google.com/java/util/logging/Logger.html#removeHandler(java.util.logging.Handler)) - Method in class java.util.logging.[Logger](http://docs.google.com/java/util/logging/Logger.html) Remove a log Handler. [**removeHandshakeCompletedListener(HandshakeCompletedListener)**](http://docs.google.com/javax/net/ssl/SSLSocket.html#removeHandshakeCompletedListener(javax.net.ssl.HandshakeCompletedListener)) - Method in class javax.net.ssl.[SSLSocket](http://docs.google.com/javax/net/ssl/SSLSocket.html) Removes a previously registered handshake completion listener. [**removeHeader(String)**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#removeHeader(java.lang.String)) - Method in class javax.xml.soap.[MimeHeaders](http://docs.google.com/javax/xml/soap/MimeHeaders.html) Remove all MimeHeader objects whose name matches the given name. [**removeHierarchyBoundsListener(HierarchyBoundsListener)**](http://docs.google.com/java/awt/Component.html#removeHierarchyBoundsListener(java.awt.event.HierarchyBoundsListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified hierarchy bounds listener so that it no longer receives hierarchy bounds events from this component. [**removeHierarchyListener(HierarchyListener)**](http://docs.google.com/java/awt/Component.html#removeHierarchyListener(java.awt.event.HierarchyListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified hierarchy listener so that it no longer receives hierarchy changed events from this component. [**removeHighlight(Object)**](http://docs.google.com/javax/swing/text/DefaultHighlighter.html#removeHighlight(java.lang.Object)) - Method in class javax.swing.text.[DefaultHighlighter](http://docs.google.com/javax/swing/text/DefaultHighlighter.html) Removes a highlight from the view. [**removeHighlight(Object)**](http://docs.google.com/javax/swing/text/Highlighter.html#removeHighlight(java.lang.Object)) - Method in interface javax.swing.text.[Highlighter](http://docs.google.com/javax/swing/text/Highlighter.html) Removes a highlight from the view. [**removeHyperlinkListener(HyperlinkListener)**](http://docs.google.com/javax/swing/JEditorPane.html#removeHyperlinkListener(javax.swing.event.HyperlinkListener)) - Method in class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Removes a hyperlink listener. [**removeIconFor(JInternalFrame)**](http://docs.google.com/javax/swing/DefaultDesktopManager.html#removeIconFor(javax.swing.JInternalFrame)) - Method in class javax.swing.[DefaultDesktopManager](http://docs.google.com/javax/swing/DefaultDesktopManager.html) Convenience method to remove the desktopIcon of **f** is necessary. [**removeIdentity(Identity)**](http://docs.google.com/java/security/IdentityScope.html#removeIdentity(java.security.Identity)) - Method in class java.security.[IdentityScope](http://docs.google.com/java/security/IdentityScope.html) **Deprecated.** Removes an identity from this identity scope. [**removeIIOReadProgressListener(IIOReadProgressListener)**](http://docs.google.com/javax/imageio/ImageReader.html#removeIIOReadProgressListener(javax.imageio.event.IIOReadProgressListener)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Removes an IIOReadProgressListener from the list of registered progress listeners. [**removeIIOReadUpdateListener(IIOReadUpdateListener)**](http://docs.google.com/javax/imageio/ImageReader.html#removeIIOReadUpdateListener(javax.imageio.event.IIOReadUpdateListener)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Removes an IIOReadUpdateListener from the list of registered update listeners. [**removeIIOReadWarningListener(IIOReadWarningListener)**](http://docs.google.com/javax/imageio/ImageReader.html#removeIIOReadWarningListener(javax.imageio.event.IIOReadWarningListener)) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Removes an IIOReadWarningListener from the list of registered error listeners. [**removeIIOWriteProgressListener(IIOWriteProgressListener)**](http://docs.google.com/javax/imageio/ImageWriter.html#removeIIOWriteProgressListener(javax.imageio.event.IIOWriteProgressListener)) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Removes an IIOWriteProgressListener from the list of registered progress listeners. [**removeIIOWriteWarningListener(IIOWriteWarningListener)**](http://docs.google.com/javax/imageio/ImageWriter.html#removeIIOWriteWarningListener(javax.imageio.event.IIOWriteWarningListener)) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Removes an IIOWriteWarningListener from the list of registered warning listeners. [**removeImage(Image)**](http://docs.google.com/java/awt/MediaTracker.html#removeImage(java.awt.Image)) - Method in class java.awt.[MediaTracker](http://docs.google.com/java/awt/MediaTracker.html) Removes the specified image from this media tracker. [**removeImage(Image, int)**](http://docs.google.com/java/awt/MediaTracker.html#removeImage(java.awt.Image,%20int)) - Method in class java.awt.[MediaTracker](http://docs.google.com/java/awt/MediaTracker.html) Removes the specified image from the specified tracking ID of this media tracker. [**removeImage(Image, int, int, int)**](http://docs.google.com/java/awt/MediaTracker.html#removeImage(java.awt.Image,%20int,%20int,%20int)) - Method in class java.awt.[MediaTracker](http://docs.google.com/java/awt/MediaTracker.html) Removes the specified image with the specified width, height, and ID from this media tracker. [**removeImage(int)**](http://docs.google.com/javax/imageio/ImageWriter.html#removeImage(int)) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Removes an image from the stream. [**removeIndexInterval(int, int)**](http://docs.google.com/javax/swing/DefaultListSelectionModel.html#removeIndexInterval(int,%20int)) - Method in class javax.swing.[DefaultListSelectionModel](http://docs.google.com/javax/swing/DefaultListSelectionModel.html) Remove the indices in the interval index0,index1 (inclusive) from the selection model. [**removeIndexInterval(int, int)**](http://docs.google.com/javax/swing/ListSelectionModel.html#removeIndexInterval(int,%20int)) - Method in interface javax.swing.[ListSelectionModel](http://docs.google.com/javax/swing/ListSelectionModel.html) Remove the indices in the interval index0,index1 (inclusive) from the selection model. [**removeInputMethodListener(InputMethodListener)**](http://docs.google.com/java/awt/Component.html#removeInputMethodListener(java.awt.event.InputMethodListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified input method listener so that it no longer receives input method events from this component. [**removeInternal(EventListener, EventListener)**](http://docs.google.com/java/awt/AWTEventMulticaster.html#removeInternal(java.util.EventListener,%20java.util.EventListener)) - Static method in class java.awt.[AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html) Returns the resulting multicast listener after removing the old listener from listener-l. [**removeInternalFrameListener(InternalFrameListener)**](http://docs.google.com/javax/swing/JInternalFrame.html#removeInternalFrameListener(javax.swing.event.InternalFrameListener)) - Method in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Removes the specified internal frame listener so that it no longer receives internal frame events from this internal frame. [**removeInvalidComponent(JComponent)**](http://docs.google.com/javax/swing/RepaintManager.html#removeInvalidComponent(javax.swing.JComponent)) - Method in class javax.swing.[RepaintManager](http://docs.google.com/javax/swing/RepaintManager.html) Remove a component from the list of invalid components. [**removeItem(Object)**](http://docs.google.com/javax/swing/JComboBox.html#removeItem(java.lang.Object)) - Method in class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Removes an item from the item list. [**removeItemAt(int)**](http://docs.google.com/javax/swing/JComboBox.html#removeItemAt(int)) - Method in class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Removes the item at anIndex This method works only if the JComboBox uses a mutable data model. [**removeItemListener(ItemListener)**](http://docs.google.com/java/awt/Checkbox.html#removeItemListener(java.awt.event.ItemListener)) - Method in class java.awt.[Checkbox](http://docs.google.com/java/awt/Checkbox.html) Removes the specified item listener so that the item listener no longer receives item events from this check box. [**removeItemListener(ItemListener)**](http://docs.google.com/java/awt/CheckboxMenuItem.html#removeItemListener(java.awt.event.ItemListener)) - Method in class java.awt.[CheckboxMenuItem](http://docs.google.com/java/awt/CheckboxMenuItem.html) Removes the specified item listener so that it no longer receives item events from this check box menu item. [**removeItemListener(ItemListener)**](http://docs.google.com/java/awt/Choice.html#removeItemListener(java.awt.event.ItemListener)) - Method in class java.awt.[Choice](http://docs.google.com/java/awt/Choice.html) Removes the specified item listener so that it no longer receives item events from this Choice menu. [**removeItemListener(ItemListener)**](http://docs.google.com/java/awt/ItemSelectable.html#removeItemListener(java.awt.event.ItemListener)) - Method in interface java.awt.[ItemSelectable](http://docs.google.com/java/awt/ItemSelectable.html) Removes an item listener. [**removeItemListener(ItemListener)**](http://docs.google.com/java/awt/List.html#removeItemListener(java.awt.event.ItemListener)) - Method in class java.awt.[List](http://docs.google.com/java/awt/List.html) Removes the specified item listener so that it no longer receives item events from this list. [**removeItemListener(ItemListener)**](http://docs.google.com/javax/swing/AbstractButton.html#removeItemListener(java.awt.event.ItemListener)) - Method in class javax.swing.[AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) Removes an ItemListener from the button. [**removeItemListener(ItemListener)**](http://docs.google.com/javax/swing/ButtonModel.html#removeItemListener(java.awt.event.ItemListener)) - Method in interface javax.swing.[ButtonModel](http://docs.google.com/javax/swing/ButtonModel.html) Removes an ItemListener from the model. [**removeItemListener(ItemListener)**](http://docs.google.com/javax/swing/DefaultButtonModel.html#removeItemListener(java.awt.event.ItemListener)) - Method in class javax.swing.[DefaultButtonModel](http://docs.google.com/javax/swing/DefaultButtonModel.html) Removes an ItemListener from the model. [**removeItemListener(ItemListener)**](http://docs.google.com/javax/swing/JComboBox.html#removeItemListener(java.awt.event.ItemListener)) - Method in class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Removes an ItemListener. [**removeKeyEventDispatcher(KeyEventDispatcher)**](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeKeyEventDispatcher(java.awt.KeyEventDispatcher)) - Method in class java.awt.[KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html) Removes a KeyEventDispatcher which was previously added to this KeyboardFocusManager's dispatcher chain. [**removeKeyEventPostProcessor(KeyEventPostProcessor)**](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeKeyEventPostProcessor(java.awt.KeyEventPostProcessor)) - Method in class java.awt.[KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html) Removes a previously added KeyEventPostProcessor from this KeyboardFocusManager's post-processor chain. [**removeKeyListener(KeyListener)**](http://docs.google.com/java/awt/Component.html#removeKeyListener(java.awt.event.KeyListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified key listener so that it no longer receives key events from this component. [**removeKeymap(String)**](http://docs.google.com/javax/swing/text/JTextComponent.html#removeKeymap(java.lang.String)) - Static method in class javax.swing.text.[JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) Removes a named keymap previously added to the document. [**removeKeyStrokeBinding(KeyStroke)**](http://docs.google.com/javax/swing/text/Keymap.html#removeKeyStrokeBinding(javax.swing.KeyStroke)) - Method in interface javax.swing.text.[Keymap](http://docs.google.com/javax/swing/text/Keymap.html) Removes a binding from the keymap. [**removeLast()**](http://docs.google.com/java/util/ArrayDeque.html#removeLast()) - Method in class java.util.[ArrayDeque](http://docs.google.com/java/util/ArrayDeque.html)   [**removeLast()**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html#removeLast()) - Method in class java.util.concurrent.[LinkedBlockingDeque](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html)   [**removeLast()**](http://docs.google.com/java/util/Deque.html#removeLast()) - Method in interface java.util.[Deque](http://docs.google.com/java/util/Deque.html) Retrieves and removes the last element of this deque. [**removeLast()**](http://docs.google.com/java/util/LinkedList.html#removeLast()) - Method in class java.util.[LinkedList](http://docs.google.com/java/util/LinkedList.html) Removes and returns the last element from this list. [**removeLastOccurrence(Object)**](http://docs.google.com/java/util/ArrayDeque.html#removeLastOccurrence(java.lang.Object)) - Method in class java.util.[ArrayDeque](http://docs.google.com/java/util/ArrayDeque.html) Removes the last occurrence of the specified element in this deque (when traversing the deque from head to tail). [**removeLastOccurrence(Object)**](http://docs.google.com/java/util/concurrent/BlockingDeque.html#removeLastOccurrence(java.lang.Object)) - Method in interface java.util.concurrent.[BlockingDeque](http://docs.google.com/java/util/concurrent/BlockingDeque.html) Removes the last occurrence of the specified element from this deque. [**removeLastOccurrence(Object)**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html#removeLastOccurrence(java.lang.Object)) - Method in class java.util.concurrent.[LinkedBlockingDeque](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html)   [**removeLastOccurrence(Object)**](http://docs.google.com/java/util/Deque.html#removeLastOccurrence(java.lang.Object)) - Method in interface java.util.[Deque](http://docs.google.com/java/util/Deque.html) Removes the last occurrence of the specified element from this deque. [**removeLastOccurrence(Object)**](http://docs.google.com/java/util/LinkedList.html#removeLastOccurrence(java.lang.Object)) - Method in class java.util.[LinkedList](http://docs.google.com/java/util/LinkedList.html) Removes the last occurrence of the specified element in this list (when traversing the list from head to tail). [**removeLayoutComponent(Component)**](http://docs.google.com/java/awt/BorderLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class java.awt.[BorderLayout](http://docs.google.com/java/awt/BorderLayout.html) Removes the specified component from this border layout. [**removeLayoutComponent(Component)**](http://docs.google.com/java/awt/CardLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class java.awt.[CardLayout](http://docs.google.com/java/awt/CardLayout.html) Removes the specified component from the layout. [**removeLayoutComponent(Component)**](http://docs.google.com/java/awt/FlowLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class java.awt.[FlowLayout](http://docs.google.com/java/awt/FlowLayout.html) Removes the specified component from the layout. [**removeLayoutComponent(Component)**](http://docs.google.com/java/awt/GridBagLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class java.awt.[GridBagLayout](http://docs.google.com/java/awt/GridBagLayout.html) Removes the specified component from this layout. [**removeLayoutComponent(Component)**](http://docs.google.com/java/awt/GridLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class java.awt.[GridLayout](http://docs.google.com/java/awt/GridLayout.html) Removes the specified component from the layout. [**removeLayoutComponent(Component)**](http://docs.google.com/java/awt/LayoutManager.html#removeLayoutComponent(java.awt.Component)) - Method in interface java.awt.[LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) Removes the specified component from the layout. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/BoxLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[BoxLayout](http://docs.google.com/javax/swing/BoxLayout.html) Not used by this class. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/GroupLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[GroupLayout](http://docs.google.com/javax/swing/GroupLayout.html) Notification that a Component has been removed from the parent container. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/JRootPane.RootLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[JRootPane.RootLayout](http://docs.google.com/javax/swing/JRootPane.RootLayout.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[JSpinner.DefaultEditor](http://docs.google.com/javax/swing/JSpinner.DefaultEditor.html) This LayoutManager method does nothing. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/OverlayLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[OverlayLayout](http://docs.google.com/javax/swing/OverlayLayout.html) Removes the specified component from the layout. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ComboBoxLayoutManager.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicComboBoxUI.ComboBoxLayoutManager](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ComboBoxLayoutManager.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.TitlePaneLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicInternalFrameTitlePane.TitlePaneLayout](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.TitlePaneLayout.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.InternalFrameLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicInternalFrameUI.InternalFrameLayout](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.InternalFrameLayout.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicOptionPaneUI.ButtonAreaLayout](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.ButtonAreaLayout.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicScrollBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DividerLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicSplitPaneDivider.DividerLayout](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DividerLayout.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicSplitPaneUI.BasicHorizontalLayoutManager](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html) Removes the specified component from our knowledge. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.plaf.basic.[BasicTabbedPaneUI.TabbedPaneLayout](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html)   [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/ScrollPaneLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[ScrollPaneLayout](http://docs.google.com/javax/swing/ScrollPaneLayout.html) Removes the specified component from the layout. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/SpringLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[SpringLayout](http://docs.google.com/javax/swing/SpringLayout.html) Removes the constraints associated with the specified component. [**removeLayoutComponent(Component)**](http://docs.google.com/javax/swing/ViewportLayout.html#removeLayoutComponent(java.awt.Component)) - Method in class javax.swing.[ViewportLayout](http://docs.google.com/javax/swing/ViewportLayout.html) Removes the specified component from the layout. [**removeLineListener(LineListener)**](http://docs.google.com/javax/sound/sampled/Line.html#removeLineListener(javax.sound.sampled.LineListener)) - Method in interface javax.sound.sampled.[Line](http://docs.google.com/javax/sound/sampled/Line.html) Removes the specified listener from this line's list of listeners. [**removeListDataListener(ListDataListener)**](http://docs.google.com/javax/swing/AbstractListModel.html#removeListDataListener(javax.swing.event.ListDataListener)) - Method in class javax.swing.[AbstractListModel](http://docs.google.com/javax/swing/AbstractListModel.html) Removes a listener from the list that's notified each time a change to the data model occurs. [**removeListDataListener(ListDataListener)**](http://docs.google.com/javax/swing/ListModel.html#removeListDataListener(javax.swing.event.ListDataListener)) - Method in interface javax.swing.[ListModel](http://docs.google.com/javax/swing/ListModel.html) Removes a listener from the list that's notified each time a change to the data model occurs. [**removeListeners()**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#removeListeners()) - Method in class javax.swing.plaf.metal.[MetalComboBoxUI](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html) **Deprecated.** *As of Java 2 platform v1.4.* [**removeListSelectionListener(ListSelectionListener)**](http://docs.google.com/javax/swing/DefaultListSelectionModel.html#removeListSelectionListener(javax.swing.event.ListSelectionListener)) - Method in class javax.swing.[DefaultListSelectionModel](http://docs.google.com/javax/swing/DefaultListSelectionModel.html) Remove a listener from the list that's notified each time a change to the selection occurs. [**removeListSelectionListener(ListSelectionListener)**](http://docs.google.com/javax/swing/JList.html#removeListSelectionListener(javax.swing.event.ListSelectionListener)) - Method in class javax.swing.[JList](http://docs.google.com/javax/swing/JList.html) Removes a selection listener from the list. [**removeListSelectionListener(ListSelectionListener)**](http://docs.google.com/javax/swing/ListSelectionModel.html#removeListSelectionListener(javax.swing.event.ListSelectionListener)) - Method in interface javax.swing.[ListSelectionModel](http://docs.google.com/javax/swing/ListSelectionModel.html) Remove a listener from the list that's notified each time a change to the selection occurs. [**removeMember(Principal)**](http://docs.google.com/java/security/acl/Group.html#removeMember(java.security.Principal)) - Method in interface java.security.acl.[Group](http://docs.google.com/java/security/acl/Group.html) Removes the specified member from the group. [**removeMenuDragMouseListener(MenuDragMouseListener)**](http://docs.google.com/javax/swing/JMenuItem.html#removeMenuDragMouseListener(javax.swing.event.MenuDragMouseListener)) - Method in class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Removes a MenuDragMouseListener from the menu item. [**removeMenuKeyListener(MenuKeyListener)**](http://docs.google.com/javax/swing/JMenuItem.html#removeMenuKeyListener(javax.swing.event.MenuKeyListener)) - Method in class javax.swing.[JMenuItem](http://docs.google.com/javax/swing/JMenuItem.html) Removes a MenuKeyListener from the menu item. [**removeMenuKeyListener(MenuKeyListener)**](http://docs.google.com/javax/swing/JPopupMenu.html#removeMenuKeyListener(javax.swing.event.MenuKeyListener)) - Method in class javax.swing.[JPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.html) Removes a MenuKeyListener from the popup menu. [**removeMenuListener(MenuListener)**](http://docs.google.com/javax/swing/JMenu.html#removeMenuListener(javax.swing.event.MenuListener)) - Method in class javax.swing.[JMenu](http://docs.google.com/javax/swing/JMenu.html) Removes a listener for menu events. [**removeMetaEventListener(MetaEventListener)**](http://docs.google.com/javax/sound/midi/Sequencer.html#removeMetaEventListener(javax.sound.midi.MetaEventListener)) - Method in interface javax.sound.midi.[Sequencer](http://docs.google.com/javax/sound/midi/Sequencer.html) Removes the specified meta-event listener from this sequencer's list of registered listeners, if in fact the listener is registered. [**removeMimeHeader(String)**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#removeMimeHeader(java.lang.String)) - Method in class javax.xml.soap.[AttachmentPart](http://docs.google.com/javax/xml/soap/AttachmentPart.html) Removes all MIME headers that match the given name. [**removeMimeHeader(String)**](http://docs.google.com/javax/xml/soap/SOAPPart.html#removeMimeHeader(java.lang.String)) - Method in class javax.xml.soap.[SOAPPart](http://docs.google.com/javax/xml/soap/SOAPPart.html) Removes all MIME headers that match the given name. [**removeMouseListener(MouseListener)**](http://docs.google.com/java/awt/Component.html#removeMouseListener(java.awt.event.MouseListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified mouse listener so that it no longer receives mouse events from this component. [**removeMouseListener(MouseListener)**](http://docs.google.com/java/awt/TrayIcon.html#removeMouseListener(java.awt.event.MouseListener)) - Method in class java.awt.[TrayIcon](http://docs.google.com/java/awt/TrayIcon.html) Removes the specified mouse listener. [**removeMouseMotionListener(MouseMotionListener)**](http://docs.google.com/java/awt/Component.html#removeMouseMotionListener(java.awt.event.MouseMotionListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified mouse motion listener so that it no longer receives mouse motion events from this component. [**removeMouseMotionListener(MouseMotionListener)**](http://docs.google.com/java/awt/TrayIcon.html#removeMouseMotionListener(java.awt.event.MouseMotionListener)) - Method in class java.awt.[TrayIcon](http://docs.google.com/java/awt/TrayIcon.html) Removes the specified mouse-motion listener. [**removeMouseWheelListener(MouseWheelListener)**](http://docs.google.com/java/awt/Component.html#removeMouseWheelListener(java.awt.event.MouseWheelListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes the specified mouse wheel listener so that it no longer receives mouse wheel events from this component. [**removeNamedItem(String)**](http://docs.google.com/org/w3c/dom/NamedNodeMap.html#removeNamedItem(java.lang.String)) - Method in interface org.w3c.dom.[NamedNodeMap](http://docs.google.com/org/w3c/dom/NamedNodeMap.html) Removes a node specified by name. [**removeNamedItemNS(String, String)**](http://docs.google.com/org/w3c/dom/NamedNodeMap.html#removeNamedItemNS(java.lang.String,%20java.lang.String)) - Method in interface org.w3c.dom.[NamedNodeMap](http://docs.google.com/org/w3c/dom/NamedNodeMap.html) Removes a node specified by local name and namespace URI. [**removeNamespaceDeclaration(String)**](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeNamespaceDeclaration(java.lang.String)) - Method in interface javax.xml.soap.[SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) Removes the namespace declaration corresponding to the given prefix. [**removeNamingListener(NamingListener)**](http://docs.google.com/javax/naming/event/EventContext.html#removeNamingListener(javax.naming.event.NamingListener)) - Method in interface javax.naming.event.[EventContext](http://docs.google.com/javax/naming/event/EventContext.html) Removes a listener from receiving naming events fired by this EventContext. [**removeNode()**](http://docs.google.com/java/util/prefs/AbstractPreferences.html#removeNode()) - Method in class java.util.prefs.[AbstractPreferences](http://docs.google.com/java/util/prefs/AbstractPreferences.html) Implements the removeNode() method as per the specification in [Preferences.removeNode()](http://docs.google.com/java/util/prefs/Preferences.html#removeNode()). [**removeNode()**](http://docs.google.com/java/util/prefs/Preferences.html#removeNode()) - Method in class java.util.prefs.[Preferences](http://docs.google.com/java/util/prefs/Preferences.html) Removes this preference node and all of its descendants, invalidating any preferences contained in the removed nodes. [**removeNodeChangeListener(NodeChangeListener)**](http://docs.google.com/java/util/prefs/AbstractPreferences.html#removeNodeChangeListener(java.util.prefs.NodeChangeListener)) - Method in class java.util.prefs.[AbstractPreferences](http://docs.google.com/java/util/prefs/AbstractPreferences.html)   [**removeNodeChangeListener(NodeChangeListener)**](http://docs.google.com/java/util/prefs/Preferences.html#removeNodeChangeListener(java.util.prefs.NodeChangeListener)) - Method in class java.util.prefs.[Preferences](http://docs.google.com/java/util/prefs/Preferences.html) Removes the specified NodeChangeListener, so it no longer receives change events. [**removeNodeFromParent(MutableTreeNode)**](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html#removeNodeFromParent(javax.swing.tree.MutableTreeNode)) - Method in class javax.swing.tree.[DefaultTreeModel](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html) Message this to remove node from its parent. [**removeNodeSpi()**](http://docs.google.com/java/util/prefs/AbstractPreferences.html#removeNodeSpi()) - Method in class java.util.prefs.[AbstractPreferences](http://docs.google.com/java/util/prefs/AbstractPreferences.html) Removes this preference node, invalidating it and any preferences that it contains. [**removeNotification(Integer)**](http://docs.google.com/javax/management/timer/Timer.html#removeNotification(java.lang.Integer)) - Method in class javax.management.timer.[Timer](http://docs.google.com/javax/management/timer/Timer.html) Removes the timer notification corresponding to the specified identifier from the list of notifications. [**removeNotification(Integer)**](http://docs.google.com/javax/management/timer/TimerMBean.html#removeNotification(java.lang.Integer)) - Method in interface javax.management.timer.[TimerMBean](http://docs.google.com/javax/management/timer/TimerMBean.html) Removes the timer notification corresponding to the specified identifier from the list of notifications. [**removeNotificationListener(ObjectName, ObjectName)**](http://docs.google.com/javax/management/MBeanServer.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName)) - Method in interface javax.management.[MBeanServer](http://docs.google.com/javax/management/MBeanServer.html)   [**removeNotificationListener(ObjectName, ObjectName, NotificationFilter, Object)**](http://docs.google.com/javax/management/MBeanServer.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in interface javax.management.[MBeanServer](http://docs.google.com/javax/management/MBeanServer.html)   [**removeNotificationListener(ObjectName, NotificationListener)**](http://docs.google.com/javax/management/MBeanServer.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener)) - Method in interface javax.management.[MBeanServer](http://docs.google.com/javax/management/MBeanServer.html)   [**removeNotificationListener(ObjectName, NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/MBeanServer.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in interface javax.management.[MBeanServer](http://docs.google.com/javax/management/MBeanServer.html)   [**removeNotificationListener(ObjectName, ObjectName)**](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName)) - Method in interface javax.management.[MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) Removes a listener from a registered MBean. [**removeNotificationListener(ObjectName, ObjectName, NotificationFilter, Object)**](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in interface javax.management.[MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) Removes a listener from a registered MBean. [**removeNotificationListener(ObjectName, NotificationListener)**](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener)) - Method in interface javax.management.[MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) Removes a listener from a registered MBean. [**removeNotificationListener(ObjectName, NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in interface javax.management.[MBeanServerConnection](http://docs.google.com/javax/management/MBeanServerConnection.html) Removes a listener from a registered MBean. [**removeNotificationListener(NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/MBeanServerDelegate.html#removeNotificationListener(javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in class javax.management.[MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html)   [**removeNotificationListener(NotificationListener)**](http://docs.google.com/javax/management/MBeanServerDelegate.html#removeNotificationListener(javax.management.NotificationListener)) - Method in class javax.management.[MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html)   [**removeNotificationListener(NotificationListener)**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#removeNotificationListener(javax.management.NotificationListener)) - Method in class javax.management.modelmbean.[RequiredModelMBean](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html) Removes a listener for Notifications from the RequiredModelMBean. [**removeNotificationListener(NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#removeNotificationListener(javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in class javax.management.modelmbean.[RequiredModelMBean](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html)   [**removeNotificationListener(NotificationListener)**](http://docs.google.com/javax/management/NotificationBroadcaster.html#removeNotificationListener(javax.management.NotificationListener)) - Method in interface javax.management.[NotificationBroadcaster](http://docs.google.com/javax/management/NotificationBroadcaster.html) Removes a listener from this MBean. [**removeNotificationListener(NotificationListener)**](http://docs.google.com/javax/management/NotificationBroadcasterSupport.html#removeNotificationListener(javax.management.NotificationListener)) - Method in class javax.management.[NotificationBroadcasterSupport](http://docs.google.com/javax/management/NotificationBroadcasterSupport.html)   [**removeNotificationListener(NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/NotificationBroadcasterSupport.html#removeNotificationListener(javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in class javax.management.[NotificationBroadcasterSupport](http://docs.google.com/javax/management/NotificationBroadcasterSupport.html)   [**removeNotificationListener(NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/NotificationEmitter.html#removeNotificationListener(javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in interface javax.management.[NotificationEmitter](http://docs.google.com/javax/management/NotificationEmitter.html) Removes a listener from this MBean. [**removeNotificationListener(ObjectName, ObjectName, Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20javax.security.auth.Subject)) - Method in interface javax.management.remote.rmi.[RMIConnection](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html) Handles the method [MBeanServerConnection.removeNotificationListener(ObjectName, ObjectName)](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName)). [**removeNotificationListener(ObjectName, ObjectName, MarshalledObject, MarshalledObject, Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20java.rmi.MarshalledObject,%20java.rmi.MarshalledObject,%20javax.security.auth.Subject)) - Method in interface javax.management.remote.rmi.[RMIConnection](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html) Handles the method [MBeanServerConnection.removeNotificationListener(ObjectName, ObjectName, NotificationFilter, Object)](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20javax.management.NotificationFilter,%20java.lang.Object)). [**removeNotificationListener(ObjectName, ObjectName, Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20javax.security.auth.Subject)) - Method in class javax.management.remote.rmi.[RMIConnectionImpl](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html)   [**removeNotificationListener(ObjectName, ObjectName, MarshalledObject, MarshalledObject, Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20java.rmi.MarshalledObject,%20java.rmi.MarshalledObject,%20javax.security.auth.Subject)) - Method in class javax.management.remote.rmi.[RMIConnectionImpl](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html)   [**removeNotificationListener(ObjectName, ObjectName, MarshalledObject, MarshalledObject, Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20java.rmi.MarshalledObject,%20java.rmi.MarshalledObject,%20javax.security.auth.Subject)) - Method in class javax.management.remote.rmi.[RMIConnectionImpl\_Stub](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html)   [**removeNotificationListener(ObjectName, ObjectName, Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.ObjectName,%20javax.security.auth.Subject)) - Method in class javax.management.remote.rmi.[RMIConnectionImpl\_Stub](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html)   [**removeNotificationListener(NotificationListener)**](http://docs.google.com/javax/management/StandardEmitterMBean.html#removeNotificationListener(javax.management.NotificationListener)) - Method in class javax.management.[StandardEmitterMBean](http://docs.google.com/javax/management/StandardEmitterMBean.html)   [**removeNotificationListener(NotificationListener, NotificationFilter, Object)**](http://docs.google.com/javax/management/StandardEmitterMBean.html#removeNotificationListener(javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) - Method in class javax.management.[StandardEmitterMBean](http://docs.google.com/javax/management/StandardEmitterMBean.html)   [**removeNotificationListeners(ObjectName, Integer[], Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html#removeNotificationListeners(javax.management.ObjectName,%20java.lang.Integer%5B%5D,%20javax.security.auth.Subject)) - Method in interface javax.management.remote.rmi.[RMIConnection](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html) Handles the [removeNotificationListener(ObjectName, NotificationListener)](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener)) and [removeNotificationListener(ObjectName, NotificationListener, NotificationFilter, Object)](http://docs.google.com/javax/management/MBeanServerConnection.html#removeNotificationListener(javax.management.ObjectName,%20javax.management.NotificationListener,%20javax.management.NotificationFilter,%20java.lang.Object)) methods. [**removeNotificationListeners(ObjectName, Integer[], Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html#removeNotificationListeners(javax.management.ObjectName,%20java.lang.Integer%5B%5D,%20javax.security.auth.Subject)) - Method in class javax.management.remote.rmi.[RMIConnectionImpl](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html)   [**removeNotificationListeners(ObjectName, Integer[], Subject)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html#removeNotificationListeners(javax.management.ObjectName,%20java.lang.Integer%5B%5D,%20javax.security.auth.Subject)) - Method in class javax.management.remote.rmi.[RMIConnectionImpl\_Stub](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html)   [**removeNotifications(String)**](http://docs.google.com/javax/management/timer/Timer.html#removeNotifications(java.lang.String)) - Method in class javax.management.timer.[Timer](http://docs.google.com/javax/management/timer/Timer.html) Removes all the timer notifications corresponding to the specified type from the list of notifications. [**removeNotifications(String)**](http://docs.google.com/javax/management/timer/TimerMBean.html#removeNotifications(java.lang.String)) - Method in interface javax.management.timer.[TimerMBean](http://docs.google.com/javax/management/timer/TimerMBean.html) Removes all the timer notifications corresponding to the specified type from the list of notifications. [**removeNotify()**](http://docs.google.com/java/awt/Component.html#removeNotify()) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Makes this Component undisplayable by destroying it native screen resource. [**removeNotify()**](http://docs.google.com/java/awt/Container.html#removeNotify()) - Method in class java.awt.[Container](http://docs.google.com/java/awt/Container.html) Makes this Container undisplayable by removing its connection to its native screen resource. [**removeNotify(ComponentPeer)**](http://docs.google.com/java/awt/dnd/DropTarget.html#removeNotify(java.awt.peer.ComponentPeer)) - Method in class java.awt.dnd.[DropTarget](http://docs.google.com/java/awt/dnd/DropTarget.html) Notify the DropTarget that it has been disassociated from a Component This method is usually called from java.awt.Component.removeNotify() of the Component associated with this DropTarget to notify the DropTarget that a ComponentPeer has been disassociated with that Component. [**removeNotify()**](http://docs.google.com/java/awt/dnd/DropTargetContext.html#removeNotify()) - Method in class java.awt.dnd.[DropTargetContext](http://docs.google.com/java/awt/dnd/DropTargetContext.html) Called when disassociated with the DropTargetContextPeer. [**removeNotify()**](http://docs.google.com/java/awt/Frame.html#removeNotify()) - Method in class java.awt.[Frame](http://docs.google.com/java/awt/Frame.html) Makes this Frame undisplayable by removing its connection to its native screen resource. [**removeNotify(Component)**](http://docs.google.com/java/awt/im/InputContext.html#removeNotify(java.awt.Component)) - Method in class java.awt.im.[InputContext](http://docs.google.com/java/awt/im/InputContext.html) Notifies the input context that a client component has been removed from its containment hierarchy, or that input method support has been disabled for the component. [**removeNotify()**](http://docs.google.com/java/awt/im/spi/InputMethod.html#removeNotify()) - Method in interface java.awt.im.spi.[InputMethod](http://docs.google.com/java/awt/im/spi/InputMethod.html) Notifies the input method that a client component has been removed from its containment hierarchy, or that input method support has been disabled for the component. [**removeNotify()**](http://docs.google.com/java/awt/List.html#removeNotify()) - Method in class java.awt.[List](http://docs.google.com/java/awt/List.html) Removes the peer for this list. [**removeNotify()**](http://docs.google.com/java/awt/Menu.html#removeNotify()) - Method in class java.awt.[Menu](http://docs.google.com/java/awt/Menu.html) Removes the menu's peer. [**removeNotify()**](http://docs.google.com/java/awt/MenuBar.html#removeNotify()) - Method in class java.awt.[MenuBar](http://docs.google.com/java/awt/MenuBar.html) Removes the menu bar's peer. [**removeNotify()**](http://docs.google.com/java/awt/MenuComponent.html#removeNotify()) - Method in class java.awt.[MenuComponent](http://docs.google.com/java/awt/MenuComponent.html) Removes the menu component's peer. [**removeNotify()**](http://docs.google.com/java/awt/TextComponent.html#removeNotify()) - Method in class java.awt.[TextComponent](http://docs.google.com/java/awt/TextComponent.html) Removes the TextComponent's peer. [**removeNotify()**](http://docs.google.com/java/awt/Window.html#removeNotify()) - Method in class java.awt.[Window](http://docs.google.com/java/awt/Window.html) Makes this Container undisplayable by removing its connection to its native screen resource. [**removeNotify()**](http://docs.google.com/javax/swing/AbstractButton.html#removeNotify()) - Method in class javax.swing.[AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) Notifies this component that it no longer has a parent component. [**removeNotify()**](http://docs.google.com/javax/swing/JButton.html#removeNotify()) - Method in class javax.swing.[JButton](http://docs.google.com/javax/swing/JButton.html) Overrides JComponent.removeNotify to check if this button is currently set as the default button on the RootPane, and if so, sets the RootPane's default button to null to ensure the RootPane doesn't hold onto an invalid button reference. [**removeNotify()**](http://docs.google.com/javax/swing/JComponent.html#removeNotify()) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Notifies this component that it no longer has a parent component. [**removeNotify()**](http://docs.google.com/javax/swing/JMenuBar.html#removeNotify()) - Method in class javax.swing.[JMenuBar](http://docs.google.com/javax/swing/JMenuBar.html) Overrides JComponent.removeNotify to unregister this menu bar with the current keyboard manager. [**removeNotify()**](http://docs.google.com/javax/swing/JRootPane.html#removeNotify()) - Method in class javax.swing.[JRootPane](http://docs.google.com/javax/swing/JRootPane.html) Unregister ourselves from SystemEventQueueUtils. [**removeNotify()**](http://docs.google.com/javax/swing/JTable.html#removeNotify()) - Method in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Calls the unconfigureEnclosingScrollPane method. [**removeNotify()**](http://docs.google.com/javax/swing/text/JTextComponent.html#removeNotify()) - Method in class javax.swing.text.[JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html)   [**removeObjectValue(String)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html#removeObjectValue(java.lang.String)) - Method in class javax.imageio.metadata.[IIOMetadataFormatImpl](http://docs.google.com/javax/imageio/metadata/IIOMetadataFormatImpl.html) Disallows an Object reference from being stored in nodes implementing the named element. [**removeObservedObject(ObjectName)**](http://docs.google.com/javax/management/monitor/Monitor.html#removeObservedObject(javax.management.ObjectName)) - Method in class javax.management.monitor.[Monitor](http://docs.google.com/javax/management/monitor/Monitor.html) Removes the specified object from the set of observed MBeans. [**removeObservedObject(ObjectName)**](http://docs.google.com/javax/management/monitor/MonitorMBean.html#removeObservedObject(javax.management.ObjectName)) - Method in interface javax.management.monitor.[MonitorMBean](http://docs.google.com/javax/management/monitor/MonitorMBean.html) Removes the specified object from the set of observed MBeans. [**removeParameter(String)**](http://docs.google.com/javax/activation/MimeType.html#removeParameter(java.lang.String)) - Method in class javax.activation.[MimeType](http://docs.google.com/javax/activation/MimeType.html) Remove any value associated with the given name. [**removeParameters()**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#removeParameters()) - Method in class java.awt.image.renderable.[ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) Clears the list of parameters. [**removePermission(Permission)**](http://docs.google.com/java/security/acl/AclEntry.html#removePermission(java.security.acl.Permission)) - Method in interface java.security.acl.[AclEntry](http://docs.google.com/java/security/acl/AclEntry.html) Removes the specified permission from this ACL entry. [**removePopupMenuListener(PopupMenuListener)**](http://docs.google.com/javax/swing/JComboBox.html#removePopupMenuListener(javax.swing.event.PopupMenuListener)) - Method in class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) Removes a PopupMenuListener. [**removePopupMenuListener(PopupMenuListener)**](http://docs.google.com/javax/swing/JPopupMenu.html#removePopupMenuListener(javax.swing.event.PopupMenuListener)) - Method in class javax.swing.[JPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.html) Removes a PopupMenu listener. [**removePreferenceChangeListener(PreferenceChangeListener)**](http://docs.google.com/java/util/prefs/AbstractPreferences.html#removePreferenceChangeListener(java.util.prefs.PreferenceChangeListener)) - Method in class java.util.prefs.[AbstractPreferences](http://docs.google.com/java/util/prefs/AbstractPreferences.html)   [**removePreferenceChangeListener(PreferenceChangeListener)**](http://docs.google.com/java/util/prefs/Preferences.html#removePreferenceChangeListener(java.util.prefs.PreferenceChangeListener)) - Method in class java.util.prefs.[Preferences](http://docs.google.com/java/util/prefs/Preferences.html) Removes the specified preference change listener, so it no longer receives preference change events. [**removePrintJobAttributeListener(PrintJobAttributeListener)**](http://docs.google.com/javax/print/DocPrintJob.html#removePrintJobAttributeListener(javax.print.event.PrintJobAttributeListener)) - Method in interface javax.print.[DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html) Removes an attribute listener from this print job. [**removePrintJobListener(PrintJobListener)**](http://docs.google.com/javax/print/DocPrintJob.html#removePrintJobListener(javax.print.event.PrintJobListener)) - Method in interface javax.print.[DocPrintJob](http://docs.google.com/javax/print/DocPrintJob.html) Removes a listener from this print job. [**removePrintServiceAttributeListener(PrintServiceAttributeListener)**](http://docs.google.com/javax/print/PrintService.html#removePrintServiceAttributeListener(javax.print.event.PrintServiceAttributeListener)) - Method in interface javax.print.[PrintService](http://docs.google.com/javax/print/PrintService.html) Removes the print-service listener from this print service. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class java.awt.[Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) Remove a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/awt/Component.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(String, PropertyChangeListener)**](http://docs.google.com/java/awt/Component.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Removes a PropertyChangeListener from the listener list for a specific property. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/awt/KeyboardFocusManager.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class java.awt.[KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(String, PropertyChangeListener)**](http://docs.google.com/java/awt/KeyboardFocusManager.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) - Method in class java.awt.[KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html) Removes a PropertyChangeListener from the listener list for a specific property. [**removePropertyChangeListener(String, PropertyChangeListener)**](http://docs.google.com/java/awt/SystemTray.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) - Method in class java.awt.[SystemTray](http://docs.google.com/java/awt/SystemTray.html) Removes a PropertyChangeListener from the listener list for a specific property. [**removePropertyChangeListener(String, PropertyChangeListener)**](http://docs.google.com/java/awt/Toolkit.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) - Method in class java.awt.[Toolkit](http://docs.google.com/java/awt/Toolkit.html) Removes the specified property change listener for the named desktop property. [**removePropertyChangeListener(String, PropertyChangeListener)**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) - Method in interface java.beans.beancontext.[BeanContextChild](http://docs.google.com/java/beans/beancontext/BeanContextChild.html) Removes a PropertyChangeListener from this BeanContextChild so that it no longer receives PropertyChangeEvents when the specified property is changed. [**removePropertyChangeListener(String, PropertyChangeListener)**](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) - Method in class java.beans.beancontext.[BeanContextChildSupport](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html) Remove a PropertyChangeListener for a specific property. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/beans/Customizer.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in interface java.beans.[Customizer](http://docs.google.com/java/beans/Customizer.html) Remove a listener for the PropertyChange event. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/beans/PropertyChangeSupport.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class java.beans.[PropertyChangeSupport](http://docs.google.com/java/beans/PropertyChangeSupport.html) Remove a PropertyChangeListener from the listener list. [**removePropertyChangeListener(String, PropertyChangeListener)**](http://docs.google.com/java/beans/PropertyChangeSupport.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) - Method in class java.beans.[PropertyChangeSupport](http://docs.google.com/java/beans/PropertyChangeSupport.html) Remove a PropertyChangeListener for a specific property. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/beans/PropertyEditor.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in interface java.beans.[PropertyEditor](http://docs.google.com/java/beans/PropertyEditor.html) Remove a listener for the PropertyChange event. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/beans/PropertyEditorSupport.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class java.beans.[PropertyEditorSupport](http://docs.google.com/java/beans/PropertyEditorSupport.html) Remove a listener for the PropertyChange event. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/util/jar/Pack200.Packer.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in interface java.util.jar.[Pack200.Packer](http://docs.google.com/java/util/jar/Pack200.Packer.html) Remove a listener for PropertyChange events, added by the [Pack200.Packer.addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/java/util/jar/Pack200.Packer.html#addPropertyChangeListener(java.beans.PropertyChangeListener)). [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/util/jar/Pack200.Unpacker.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in interface java.util.jar.[Pack200.Unpacker](http://docs.google.com/java/util/jar/Pack200.Unpacker.html) Remove a listener for PropertyChange events, added by the [Pack200.Unpacker.addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/java/util/jar/Pack200.Unpacker.html#addPropertyChangeListener(java.beans.PropertyChangeListener)). [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/java/util/logging/LogManager.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class java.util.logging.[LogManager](http://docs.google.com/java/util/logging/LogManager.html) Removes an event listener for property change events. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/accessibility/AccessibleContext.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.accessibility.[AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/AbstractAction.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.[AbstractAction](http://docs.google.com/javax/swing/AbstractAction.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/Action.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in interface javax.swing.[Action](http://docs.google.com/javax/swing/Action.html) Removes a PropertyChange listener. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.[JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.[JList.AccessibleJList.AccessibleJListChild](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html)   [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.[JTable.AccessibleJTable.AccessibleJTableCell](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.[JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html) Remove a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.plaf.basic.[BasicDirectoryModel](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/SwingWorker.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.[SwingWorker](http://docs.google.com/javax/swing/SwingWorker.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.table.[JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html)   [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/table/TableColumn.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.table.[TableColumn](http://docs.google.com/javax/swing/table/TableColumn.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.tree.[DefaultTreeSelectionModel](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in interface javax.swing.tree.[TreeSelectionModel](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/UIDefaults.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Method in class javax.swing.[UIDefaults](http://docs.google.com/javax/swing/UIDefaults.html) Removes a PropertyChangeListener from the listener list. [**removePropertyChangeListener(PropertyChangeListener)**](http://docs.google.com/javax/swing/UIManager.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) - Static method in class javax.swing.[UIManager](http://docs.google.com/javax/swing/UIManager.html) Removes a PropertyChangeListener from the listener list. [**removeProvider(String)**](http://docs.google.com/java/security/Security.html#removeProvider(java.lang.String)) - Static method in class java.security.[Security](http://docs.google.com/java/security/Security.html) Removes the provider with the specified name. [**removeRange(int, int)**](http://docs.google.com/java/util/AbstractList.html#removeRange(int,%20int)) - Method in class java.util.[AbstractList](http://docs.google.com/java/util/AbstractList.html) Removes from this list all of the elements whose index is between fromIndex, inclusive, and toIndex, exclusive. [**removeRange(int, int)**](http://docs.google.com/java/util/ArrayList.html#removeRange(int,%20int)) - Method in class java.util.[ArrayList](http://docs.google.com/java/util/ArrayList.html) Removes from this list all of the elements whose index is between fromIndex, inclusive, and toIndex, exclusive. [**removeRange(int, int)**](http://docs.google.com/java/util/Vector.html#removeRange(int,%20int)) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Removes from this List all of the elements whose index is between fromIndex, inclusive and toIndex, exclusive. [**removeRange(int, int)**](http://docs.google.com/javax/swing/DefaultListModel.html#removeRange(int,%20int)) - Method in class javax.swing.[DefaultListModel](http://docs.google.com/javax/swing/DefaultListModel.html) Deletes the components at the specified range of indexes. [**removeRedundantState()**](http://docs.google.com/javax/swing/undo/StateEdit.html#removeRedundantState()) - Method in class javax.swing.undo.[StateEdit](http://docs.google.com/javax/swing/undo/StateEdit.html) Remove redundant key/values in state hashtables. [**removeRelation(String)**](http://docs.google.com/javax/management/relation/RelationService.html#removeRelation(java.lang.String)) - Method in class javax.management.relation.[RelationService](http://docs.google.com/javax/management/relation/RelationService.html) Removes given relation from the Relation Service. [**removeRelation(String)**](http://docs.google.com/javax/management/relation/RelationServiceMBean.html#removeRelation(java.lang.String)) - Method in interface javax.management.relation.[RelationServiceMBean](http://docs.google.com/javax/management/relation/RelationServiceMBean.html) Removes given relation from the Relation Service. [**removeRelationType(String)**](http://docs.google.com/javax/management/relation/RelationService.html#removeRelationType(java.lang.String)) - Method in class javax.management.relation.[RelationService](http://docs.google.com/javax/management/relation/RelationService.html) Removes given relation type from Relation Service. [**removeRelationType(String)**](http://docs.google.com/javax/management/relation/RelationServiceMBean.html#removeRelationType(java.lang.String)) - Method in interface javax.management.relation.[RelationServiceMBean](http://docs.google.com/javax/management/relation/RelationServiceMBean.html) Removes given relation type from Relation Service. [**removeResourceBundle(String)**](http://docs.google.com/javax/swing/UIDefaults.html#removeResourceBundle(java.lang.String)) - Method in class javax.swing.[UIDefaults](http://docs.google.com/javax/swing/UIDefaults.html) Removes a resource bundle from the list of resource bundles that are searched for localized defaults. [**removeRow(int)**](http://docs.google.com/javax/swing/table/DefaultTableModel.html#removeRow(int)) - Method in class javax.swing.table.[DefaultTableModel](http://docs.google.com/javax/swing/table/DefaultTableModel.html) Removes the row at row from the model. [**removeRowSelectionInterval(int, int)**](http://docs.google.com/javax/swing/JTable.html#removeRowSelectionInterval(int,%20int)) - Method in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Deselects the rows from index0 to index1, inclusive. [**removeRowSetListener(RowSetListener)**](http://docs.google.com/javax/sql/rowset/BaseRowSet.html#removeRowSetListener(javax.sql.RowSetListener)) - Method in class javax.sql.rowset.[BaseRowSet](http://docs.google.com/javax/sql/rowset/BaseRowSet.html) Removes the designated object from this RowSet object's list of listeners. [**removeRowSetListener(RowSetListener)**](http://docs.google.com/javax/sql/RowSet.html#removeRowSetListener(javax.sql.RowSetListener)) - Method in interface javax.sql.[RowSet](http://docs.google.com/javax/sql/RowSet.html) Removes the specified listener from the list of components that will be notified when an event occurs on this RowSet object. [**removeRowSorterListener(RowSorterListener)**](http://docs.google.com/javax/swing/RowSorter.html#removeRowSorterListener(javax.swing.event.RowSorterListener)) - Method in class javax.swing.[RowSorter](http://docs.google.com/javax/swing/RowSorter.html) Removes a RowSorterListener. [**removeSelectionInterval(int, int)**](http://docs.google.com/javax/swing/DefaultListSelectionModel.html#removeSelectionInterval(int,%20int)) - Method in class javax.swing.[DefaultListSelectionModel](http://docs.google.com/javax/swing/DefaultListSelectionModel.html) Changes the selection to be the set difference of the current selection and the indices between index0 and index1 inclusive. [**removeSelectionInterval(int, int)**](http://docs.google.com/javax/swing/JList.html#removeSelectionInterval(int,%20int)) - Method in class javax.swing.[JList](http://docs.google.com/javax/swing/JList.html) Sets the selection to be the set difference of the specified interval and the current selection. [**removeSelectionInterval(int, int)**](http://docs.google.com/javax/swing/JTree.html#removeSelectionInterval(int,%20int)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes the nodes between index0 and index1, inclusive, from the selection. [**removeSelectionInterval(int, int)**](http://docs.google.com/javax/swing/ListSelectionModel.html#removeSelectionInterval(int,%20int)) - Method in interface javax.swing.[ListSelectionModel](http://docs.google.com/javax/swing/ListSelectionModel.html) Changes the selection to be the set difference of the current selection and the indices between index0 and index1 inclusive. [**removeSelectionPath(TreePath)**](http://docs.google.com/javax/swing/JTree.html#removeSelectionPath(javax.swing.tree.TreePath)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes the node identified by the specified path from the current selection. [**removeSelectionPath(TreePath)**](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html#removeSelectionPath(javax.swing.tree.TreePath)) - Method in class javax.swing.tree.[DefaultTreeSelectionModel](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html) Removes path from the selection. [**removeSelectionPath(TreePath)**](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html#removeSelectionPath(javax.swing.tree.TreePath)) - Method in interface javax.swing.tree.[TreeSelectionModel](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html) Removes path from the selection. [**removeSelectionPaths(TreePath[])**](http://docs.google.com/javax/swing/JTree.EmptySelectionModel.html#removeSelectionPaths(javax.swing.tree.TreePath%5B%5D)) - Method in class javax.swing.[JTree.EmptySelectionModel](http://docs.google.com/javax/swing/JTree.EmptySelectionModel.html) A null implementation that removes nothing. [**removeSelectionPaths(TreePath[])**](http://docs.google.com/javax/swing/JTree.html#removeSelectionPaths(javax.swing.tree.TreePath%5B%5D)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes the nodes identified by the specified paths from the current selection. [**removeSelectionPaths(TreePath[])**](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html#removeSelectionPaths(javax.swing.tree.TreePath%5B%5D)) - Method in class javax.swing.tree.[DefaultTreeSelectionModel](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html) Removes paths from the selection. [**removeSelectionPaths(TreePath[])**](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html#removeSelectionPaths(javax.swing.tree.TreePath%5B%5D)) - Method in interface javax.swing.tree.[TreeSelectionModel](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html) Removes paths from the selection. [**removeSelectionRow(int)**](http://docs.google.com/javax/swing/JTree.html#removeSelectionRow(int)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes the row at the index row from the current selection. [**removeSelectionRows(int[])**](http://docs.google.com/javax/swing/JTree.html#removeSelectionRows(int%5B%5D)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes the rows that are selected at each of the specified rows. [**removeService(Provider.Service)**](http://docs.google.com/java/security/Provider.html#removeService(java.security.Provider.Service)) - Method in class java.security.[Provider](http://docs.google.com/java/security/Provider.html) Remove a service previously added using [putService()](http://docs.google.com/java/security/Provider.html#putService(java.security.Provider.Service)). [**removeShutdownHook(Thread)**](http://docs.google.com/java/lang/Runtime.html#removeShutdownHook(java.lang.Thread)) - Method in class java.lang.[Runtime](http://docs.google.com/java/lang/Runtime.html) De-registers a previously-registered virtual-machine shutdown hook. [**removeSources()**](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html#removeSources()) - Method in class java.awt.image.renderable.[ParameterBlock](http://docs.google.com/java/awt/image/renderable/ParameterBlock.html) Clears the list of source images. [**removeSpi(String)**](http://docs.google.com/java/util/prefs/AbstractPreferences.html#removeSpi(java.lang.String)) - Method in class java.util.prefs.[AbstractPreferences](http://docs.google.com/java/util/prefs/AbstractPreferences.html) Remove the association (if any) for the specified key at this preference node. [**removeStatementEventListener(StatementEventListener)**](http://docs.google.com/javax/sql/PooledConnection.html#removeStatementEventListener(javax.sql.StatementEventListener)) - Method in interface javax.sql.[PooledConnection](http://docs.google.com/javax/sql/PooledConnection.html) Removes the specified StatementEventListener from the list of components that will be notified when the driver detects that a PreparedStatement has been closed or is invalid. [**removeStyle(String)**](http://docs.google.com/javax/swing/JTextPane.html#removeStyle(java.lang.String)) - Method in class javax.swing.[JTextPane](http://docs.google.com/javax/swing/JTextPane.html) Removes a named non-null style previously added to the document. [**removeStyle(String)**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html#removeStyle(java.lang.String)) - Method in class javax.swing.text.[DefaultStyledDocument](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html) Removes a named style previously added to the document. [**removeStyle(String)**](http://docs.google.com/javax/swing/text/html/StyleSheet.html#removeStyle(java.lang.String)) - Method in class javax.swing.text.html.[StyleSheet](http://docs.google.com/javax/swing/text/html/StyleSheet.html) Removes a named style previously added to the document. [**removeStyle(String)**](http://docs.google.com/javax/swing/text/StyleContext.html#removeStyle(java.lang.String)) - Method in class javax.swing.text.[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html) Removes a named style previously added to the document. [**removeStyle(String)**](http://docs.google.com/javax/swing/text/StyledDocument.html#removeStyle(java.lang.String)) - Method in interface javax.swing.text.[StyledDocument](http://docs.google.com/javax/swing/text/StyledDocument.html) Removes a named style previously added to the document. [**removeStyleSheet(StyleSheet)**](http://docs.google.com/javax/swing/text/html/StyleSheet.html#removeStyleSheet(javax.swing.text.html.StyleSheet)) - Method in class javax.swing.text.html.[StyleSheet](http://docs.google.com/javax/swing/text/html/StyleSheet.html) Removes the StyleSheet ss from those of the receiver. [**removeTabAt(int)**](http://docs.google.com/javax/swing/JTabbedPane.html#removeTabAt(int)) - Method in class javax.swing.[JTabbedPane](http://docs.google.com/javax/swing/JTabbedPane.html) Removes the tab at index. [**removeTableModelListener(TableModelListener)**](http://docs.google.com/javax/swing/table/AbstractTableModel.html#removeTableModelListener(javax.swing.event.TableModelListener)) - Method in class javax.swing.table.[AbstractTableModel](http://docs.google.com/javax/swing/table/AbstractTableModel.html) Removes a listener from the list that's notified each time a change to the data model occurs. [**removeTableModelListener(TableModelListener)**](http://docs.google.com/javax/swing/table/TableModel.html#removeTableModelListener(javax.swing.event.TableModelListener)) - Method in interface javax.swing.table.[TableModel](http://docs.google.com/javax/swing/table/TableModel.html) Removes a listener from the list that is notified each time a change to the data model occurs. [**removeTextListener(TextListener)**](http://docs.google.com/java/awt/TextComponent.html#removeTextListener(java.awt.event.TextListener)) - Method in class java.awt.[TextComponent](http://docs.google.com/java/awt/TextComponent.html) Removes the specified text event listener so that it no longer receives text events from this text component If l is null, no exception is thrown and no action is performed. [**removeTileObserver(TileObserver)**](http://docs.google.com/java/awt/image/BufferedImage.html#removeTileObserver(java.awt.image.TileObserver)) - Method in class java.awt.image.[BufferedImage](http://docs.google.com/java/awt/image/BufferedImage.html) Removes a tile observer. [**removeTileObserver(TileObserver)**](http://docs.google.com/java/awt/image/WritableRenderedImage.html#removeTileObserver(java.awt.image.TileObserver)) - Method in interface java.awt.image.[WritableRenderedImage](http://docs.google.com/java/awt/image/WritableRenderedImage.html) Removes an observer. [**removeTransformer(ClassFileTransformer)**](http://docs.google.com/java/lang/instrument/Instrumentation.html#removeTransformer(java.lang.instrument.ClassFileTransformer)) - Method in interface java.lang.instrument.[Instrumentation](http://docs.google.com/java/lang/instrument/Instrumentation.html) Unregisters the supplied transformer. [**removeTreeExpansionListener(TreeExpansionListener)**](http://docs.google.com/javax/swing/JTree.html#removeTreeExpansionListener(javax.swing.event.TreeExpansionListener)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes a listener for TreeExpansion events. [**removeTreeModelListener(TreeModelListener)**](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html#removeTreeModelListener(javax.swing.event.TreeModelListener)) - Method in class javax.swing.tree.[DefaultTreeModel](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html) Removes a listener previously added with **addTreeModelListener()**. [**removeTreeModelListener(TreeModelListener)**](http://docs.google.com/javax/swing/tree/TreeModel.html#removeTreeModelListener(javax.swing.event.TreeModelListener)) - Method in interface javax.swing.tree.[TreeModel](http://docs.google.com/javax/swing/tree/TreeModel.html) Removes a listener previously added with addTreeModelListener. [**removeTreeSelectionListener(TreeSelectionListener)**](http://docs.google.com/javax/swing/JTree.html#removeTreeSelectionListener(javax.swing.event.TreeSelectionListener)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes a TreeSelection listener. [**removeTreeSelectionListener(TreeSelectionListener)**](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html#removeTreeSelectionListener(javax.swing.event.TreeSelectionListener)) - Method in class javax.swing.tree.[DefaultTreeSelectionModel](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html) Removes x from the list of listeners that are notified each time the set of selected TreePaths changes. [**removeTreeSelectionListener(TreeSelectionListener)**](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html#removeTreeSelectionListener(javax.swing.event.TreeSelectionListener)) - Method in interface javax.swing.tree.[TreeSelectionModel](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html) Removes x from the list of listeners that are notified each time the set of selected TreePaths changes. [**removeTreeWillExpandListener(TreeWillExpandListener)**](http://docs.google.com/javax/swing/JTree.html#removeTreeWillExpandListener(javax.swing.event.TreeWillExpandListener)) - Method in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Removes a listener for TreeWillExpand events. [**removeUndoableEditListener(UndoableEditListener)**](http://docs.google.com/javax/swing/text/AbstractDocument.html#removeUndoableEditListener(javax.swing.event.UndoableEditListener)) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) Removes an undo listener. [**removeUndoableEditListener(UndoableEditListener)**](http://docs.google.com/javax/swing/text/Document.html#removeUndoableEditListener(javax.swing.event.UndoableEditListener)) - Method in interface javax.swing.text.[Document](http://docs.google.com/javax/swing/text/Document.html) Unregisters the given observer from the notification list so it will no longer receive updates. [**removeUndoableEditListener(UndoableEditListener)**](http://docs.google.com/javax/swing/undo/UndoableEditSupport.html#removeUndoableEditListener(javax.swing.event.UndoableEditListener)) - Method in class javax.swing.undo.[UndoableEditSupport](http://docs.google.com/javax/swing/undo/UndoableEditSupport.html) Removes an UndoableEditListener. [**removeUpdate(DocumentEvent)**](http://docs.google.com/javax/swing/event/DocumentListener.html#removeUpdate(javax.swing.event.DocumentEvent)) - Method in interface javax.swing.event.[DocumentListener](http://docs.google.com/javax/swing/event/DocumentListener.html) Gives notification that a portion of the document has been removed. [**removeUpdate(AbstractDocument.DefaultDocumentEvent)**](http://docs.google.com/javax/swing/text/AbstractDocument.html#removeUpdate(javax.swing.text.AbstractDocument.DefaultDocumentEvent)) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) Updates any document structure as a result of text removal. [**removeUpdate()**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html#removeUpdate()) - Method in class javax.swing.text.[DefaultStyledDocument.ElementBuffer](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html) Updates the element structure in response to a removal from the associated sequence in the document. [**removeUpdate(AbstractDocument.DefaultDocumentEvent)**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html#removeUpdate(javax.swing.text.AbstractDocument.DefaultDocumentEvent)) - Method in class javax.swing.text.[DefaultStyledDocument](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html) Updates document structure as a result of text removal. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/FieldView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.[FieldView](http://docs.google.com/javax/swing/text/FieldView.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeUpdate(FlowView, DocumentEvent, Rectangle)**](http://docs.google.com/javax/swing/text/FlowView.FlowStrategy.html#removeUpdate(javax.swing.text.FlowView,%20javax.swing.event.DocumentEvent,%20java.awt.Rectangle)) - Method in class javax.swing.text.[FlowView.FlowStrategy](http://docs.google.com/javax/swing/text/FlowView.FlowStrategy.html) Gives notification that something was removed from the document in a location that the given flow view is responsible for. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/FlowView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.[FlowView](http://docs.google.com/javax/swing/text/FlowView.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/GlyphView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.[GlyphView](http://docs.google.com/javax/swing/text/GlyphView.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/html/InlineView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.html.[InlineView](http://docs.google.com/javax/swing/text/html/InlineView.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeUpdate(DocumentEvent)**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#removeUpdate(javax.swing.event.DocumentEvent)) - Method in class javax.swing.text.[JTextComponent.AccessibleJTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html) Handles document remove (fire appropriate property change event, which is AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY). [**removeUpdate(AbstractDocument.DefaultDocumentEvent)**](http://docs.google.com/javax/swing/text/PlainDocument.html#removeUpdate(javax.swing.text.AbstractDocument.DefaultDocumentEvent)) - Method in class javax.swing.text.[PlainDocument](http://docs.google.com/javax/swing/text/PlainDocument.html) Updates any document structure as a result of text removal. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/PlainView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.[PlainView](http://docs.google.com/javax/swing/text/PlainView.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/View.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.[View](http://docs.google.com/javax/swing/text/View.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.[WrappedPlainView](http://docs.google.com/javax/swing/text/WrappedPlainView.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeUpdate(DocumentEvent, Shape, ViewFactory)**](http://docs.google.com/javax/swing/text/ZoneView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory)) - Method in class javax.swing.text.[ZoneView](http://docs.google.com/javax/swing/text/ZoneView.html) Gives notification that something was removed from the document in a location that this view is responsible for. [**removeValue(String)**](http://docs.google.com/javax/net/ssl/SSLSession.html#removeValue(java.lang.String)) - Method in interface javax.net.ssl.[SSLSession](http://docs.google.com/javax/net/ssl/SSLSession.html) Removes the object bound to the given name in the session's application layer data. [**removeVetoableChangeListener(VetoableChangeListener)**](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeVetoableChangeListener(java.beans.VetoableChangeListener)) - Method in class java.awt.[KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html) Removes a VetoableChangeListener from the listener list. [**removeVetoableChangeListener(String, VetoableChangeListener)**](http://docs.google.com/java/awt/KeyboardFocusManager.html#removeVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener)) - Method in class java.awt.[KeyboardFocusManager](http://docs.google.com/java/awt/KeyboardFocusManager.html) Removes a VetoableChangeListener from the listener list for a specific property. [**removeVetoableChangeListener(String, VetoableChangeListener)**](http://docs.google.com/java/beans/beancontext/BeanContextChild.html#removeVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener)) - Method in interface java.beans.beancontext.[BeanContextChild](http://docs.google.com/java/beans/beancontext/BeanContextChild.html) Removes a VetoableChangeListener from this BeanContextChild so that it no longer receives events when the specified property changes. [**removeVetoableChangeListener(String, VetoableChangeListener)**](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html#removeVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener)) - Method in class java.beans.beancontext.[BeanContextChildSupport](http://docs.google.com/java/beans/beancontext/BeanContextChildSupport.html) Removes a VetoableChangeListener. [**removeVetoableChangeListener(VetoableChangeListener)**](http://docs.google.com/java/beans/VetoableChangeSupport.html#removeVetoableChangeListener(java.beans.VetoableChangeListener)) - Method in class java.beans.[VetoableChangeSupport](http://docs.google.com/java/beans/VetoableChangeSupport.html) Remove a VetoableChangeListener from the listener list. [**removeVetoableChangeListener(String, VetoableChangeListener)**](http://docs.google.com/java/beans/VetoableChangeSupport.html#removeVetoableChangeListener(java.lang.String,%20java.beans.VetoableChangeListener)) - Method in class java.beans.[VetoableChangeSupport](http://docs.google.com/java/beans/VetoableChangeSupport.html) Remove a VetoableChangeListener for a specific property. [**removeVetoableChangeListener(VetoableChangeListener)**](http://docs.google.com/javax/swing/JComponent.html#removeVetoableChangeListener(java.beans.VetoableChangeListener)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Removes a VetoableChangeListener from the listener list. [**removeWindowFocusListener(WindowFocusListener)**](http://docs.google.com/java/awt/Window.html#removeWindowFocusListener(java.awt.event.WindowFocusListener)) - Method in class java.awt.[Window](http://docs.google.com/java/awt/Window.html) Removes the specified window focus listener so that it no longer receives window events from this window. [**removeWindowListener(WindowListener)**](http://docs.google.com/java/awt/Window.html#removeWindowListener(java.awt.event.WindowListener)) - Method in class java.awt.[Window](http://docs.google.com/java/awt/Window.html) Removes the specified window listener so that it no longer receives window events from this window. [**removeWindowStateListener(WindowStateListener)**](http://docs.google.com/java/awt/Window.html#removeWindowStateListener(java.awt.event.WindowStateListener)) - Method in class java.awt.[Window](http://docs.google.com/java/awt/Window.html) Removes the specified window state listener so that it no longer receives window events from this window. [**rename(Name, Name)**](http://docs.google.com/javax/naming/Context.html#rename(javax.naming.Name,%20javax.naming.Name)) - Method in interface javax.naming.[Context](http://docs.google.com/javax/naming/Context.html) Binds a new name to the object bound to an old name, and unbinds the old name. [**rename(String, String)**](http://docs.google.com/javax/naming/Context.html#rename(java.lang.String,%20java.lang.String)) - Method in interface javax.naming.[Context](http://docs.google.com/javax/naming/Context.html) Binds a new name to the object bound to an old name, and unbinds the old name. [**rename(String, String)**](http://docs.google.com/javax/naming/InitialContext.html#rename(java.lang.String,%20java.lang.String)) - Method in class javax.naming.[InitialContext](http://docs.google.com/javax/naming/InitialContext.html)   [**rename(Name, Name)**](http://docs.google.com/javax/naming/InitialContext.html#rename(javax.naming.Name,%20javax.naming.Name)) - Method in class javax.naming.[InitialContext](http://docs.google.com/javax/naming/InitialContext.html)   [**renameFile(File, File)**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html#renameFile(java.io.File,%20java.io.File)) - Method in class javax.swing.plaf.basic.[BasicDirectoryModel](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html) Renames a file in the underlying file system. [**renameNode(Node, String, String)**](http://docs.google.com/org/w3c/dom/Document.html#renameNode(org.w3c.dom.Node,%20java.lang.String,%20java.lang.String)) - Method in interface org.w3c.dom.[Document](http://docs.google.com/org/w3c/dom/Document.html) Rename an existing node of type ELEMENT\_NODE or ATTRIBUTE\_NODE. [**renameTo(File)**](http://docs.google.com/java/io/File.html#renameTo(java.io.File)) - Method in class java.io.[File](http://docs.google.com/java/io/File.html) Renames the file denoted by this abstract pathname. [**render(Runnable)**](http://docs.google.com/javax/swing/text/AbstractDocument.html#render(java.lang.Runnable)) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) This allows the model to be safely rendered in the presence of currency, if the model supports being updated asynchronously. [**render(Runnable)**](http://docs.google.com/javax/swing/text/Document.html#render(java.lang.Runnable)) - Method in interface javax.swing.text.[Document](http://docs.google.com/javax/swing/text/Document.html) Allows the model to be safely rendered in the presence of concurrency, if the model supports being updated asynchronously. [**RENDERABLE\_IMAGE**](http://docs.google.com/javax/print/DocFlavor.SERVICE_FORMATTED.html#RENDERABLE_IMAGE) - Static variable in class javax.print.[DocFlavor.SERVICE\_FORMATTED](http://docs.google.com/javax/print/DocFlavor.SERVICE_FORMATTED.html) Service formatted print data doc flavor with print data representation class name = "java.awt.image.renderable.RenderableImage" (renderable image object). [**RenderableImage**](http://docs.google.com/java/awt/image/renderable/RenderableImage.html) - Interface in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html)A RenderableImage is a common interface for rendering-independent images (a notion which subsumes resolution independence).[**RenderableImageOp**](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html) - Class in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html)This class handles the renderable aspects of an operation with help from its associated instance of a ContextualRenderedImageFactory.[**RenderableImageOp(ContextualRenderedImageFactory, ParameterBlock)**](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html#RenderableImageOp(java.awt.image.renderable.ContextualRenderedImageFactory,%20java.awt.image.renderable.ParameterBlock)) - Constructor for class java.awt.image.renderable.[RenderableImageOp](http://docs.google.com/java/awt/image/renderable/RenderableImageOp.html) Constructs a RenderedImageOp given a ContextualRenderedImageFactory object, and a ParameterBlock containing RenderableImage sources and other parameters. [**RenderableImageProducer**](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html) - Class in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html)An adapter class that implements ImageProducer to allow the asynchronous production of a RenderableImage.[**RenderableImageProducer(RenderableImage, RenderContext)**](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html#RenderableImageProducer(java.awt.image.renderable.RenderableImage,%20java.awt.image.renderable.RenderContext)) - Constructor for class java.awt.image.renderable.[RenderableImageProducer](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html) Constructs a new RenderableImageProducer from a RenderableImage and a RenderContext. [**RenderContext**](http://docs.google.com/java/awt/image/renderable/RenderContext.html) - Class in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html)A RenderContext encapsulates the information needed to produce a specific rendering from a RenderableImage.[**RenderContext(AffineTransform, Shape, RenderingHints)**](http://docs.google.com/java/awt/image/renderable/RenderContext.html#RenderContext(java.awt.geom.AffineTransform,%20java.awt.Shape,%20java.awt.RenderingHints)) - Constructor for class java.awt.image.renderable.[RenderContext](http://docs.google.com/java/awt/image/renderable/RenderContext.html) Constructs a RenderContext with a given transform. [**RenderContext(AffineTransform)**](http://docs.google.com/java/awt/image/renderable/RenderContext.html#RenderContext(java.awt.geom.AffineTransform)) - Constructor for class java.awt.image.renderable.[RenderContext](http://docs.google.com/java/awt/image/renderable/RenderContext.html) Constructs a RenderContext with a given transform. [**RenderContext(AffineTransform, RenderingHints)**](http://docs.google.com/java/awt/image/renderable/RenderContext.html#RenderContext(java.awt.geom.AffineTransform,%20java.awt.RenderingHints)) - Constructor for class java.awt.image.renderable.[RenderContext](http://docs.google.com/java/awt/image/renderable/RenderContext.html) Constructs a RenderContext with a given transform and rendering hints. [**RenderContext(AffineTransform, Shape)**](http://docs.google.com/java/awt/image/renderable/RenderContext.html#RenderContext(java.awt.geom.AffineTransform,%20java.awt.Shape)) - Constructor for class java.awt.image.renderable.[RenderContext](http://docs.google.com/java/awt/image/renderable/RenderContext.html) Constructs a RenderContext with a given transform and area of interest. [**RenderedImage**](http://docs.google.com/java/awt/image/RenderedImage.html) - Interface in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html)RenderedImage is a common interface for objects which contain or can produce image data in the form of Rasters.[**RenderedImageFactory**](http://docs.google.com/java/awt/image/renderable/RenderedImageFactory.html) - Interface in [java.awt.image.renderable](http://docs.google.com/java/awt/image/renderable/package-summary.html)The RenderedImageFactory interface (often abbreviated RIF) is intended to be implemented by classes that wish to act as factories to produce different renderings, for example by executing a series of BufferedImageOps on a set of sources, depending on a specific set of parameters, properties, and rendering hints.[**renderer**](http://docs.google.com/javax/swing/JComboBox.html#renderer) - Variable in class javax.swing.[JComboBox](http://docs.google.com/javax/swing/JComboBox.html) This protected field is implementation specific. [**Renderer**](http://docs.google.com/javax/swing/Renderer.html) - Interface in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Defines the requirements for an object responsible for "rendering" (displaying) a value.[**renderer**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#renderer) - Variable in class javax.swing.tree.[DefaultTreeCellEditor](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html) Renderer, used to get border and offsets from. [**rendererPane**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.html#rendererPane) - Variable in class javax.swing.plaf.basic.[BasicListUI](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.html)   [**rendererPane**](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.html#rendererPane) - Variable in class javax.swing.plaf.basic.[BasicTableHeaderUI](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.html)   [**rendererPane**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.html#rendererPane) - Variable in class javax.swing.plaf.basic.[BasicTableUI](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.html)   [**rendererPane**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#rendererPane) - Variable in class javax.swing.plaf.basic.[BasicTreeUI](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html) Used to paint the TreeCellRenderer. [**rendererPane**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html#rendererPane) - Variable in class javax.swing.plaf.metal.[MetalComboBoxButton](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html)   [**RenderingHints**](http://docs.google.com/java/awt/RenderingHints.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)The RenderingHints class defines and manages collections of keys and associated values which allow an application to provide input into the choice of algorithms used by other classes which perform rendering and image manipulation services.[**RenderingHints(Map<RenderingHints.Key, ?>)**](http://docs.google.com/java/awt/RenderingHints.html#RenderingHints(java.util.Map)) - Constructor for class java.awt.[RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) Constructs a new object with keys and values initialized from the specified Map object which may be null. [**RenderingHints(RenderingHints.Key, Object)**](http://docs.google.com/java/awt/RenderingHints.html#RenderingHints(java.awt.RenderingHints.Key,%20java.lang.Object)) - Constructor for class java.awt.[RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) Constructs a new object with the specified key/value pair. [**RenderingHints.Key**](http://docs.google.com/java/awt/RenderingHints.Key.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)Defines the base type of all keys used along with the [RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) class to control various algorithm choices in the rendering and imaging pipelines.[**RenderingHints.Key(int)**](http://docs.google.com/java/awt/RenderingHints.Key.html#RenderingHints.Key(int)) - Constructor for class java.awt.[RenderingHints.Key](http://docs.google.com/java/awt/RenderingHints.Key.html) Construct a key using the indicated private key. [**reorderingAllowed**](http://docs.google.com/javax/swing/table/JTableHeader.html#reorderingAllowed) - Variable in class javax.swing.table.[JTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.html) If true, reordering of columns are allowed by the user; the default is true. [**reorderVisually(byte[], int, Object[], int, int)**](http://docs.google.com/java/text/Bidi.html#reorderVisually(byte%5B%5D,%20int,%20java.lang.Object%5B%5D,%20int,%20int)) - Static method in class java.text.[Bidi](http://docs.google.com/java/text/Bidi.html) Reorder the objects in the array into visual order based on their levels. [**repaint()**](http://docs.google.com/java/awt/Component.html#repaint()) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Repaints this component. [**repaint(long)**](http://docs.google.com/java/awt/Component.html#repaint(long)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Repaints the component. [**repaint(int, int, int, int)**](http://docs.google.com/java/awt/Component.html#repaint(int,%20int,%20int,%20int)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Repaints the specified rectangle of this component. [**repaint(long, int, int, int, int)**](http://docs.google.com/java/awt/Component.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Repaints the specified rectangle of this component within tm milliseconds. [**repaint()**](http://docs.google.com/javax/swing/DefaultListCellRenderer.html#repaint()) - Method in class javax.swing.[DefaultListCellRenderer](http://docs.google.com/javax/swing/DefaultListCellRenderer.html) Overridden for performance reasons. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/DefaultListCellRenderer.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[DefaultListCellRenderer](http://docs.google.com/javax/swing/DefaultListCellRenderer.html) Overridden for performance reasons. [**repaint(Rectangle)**](http://docs.google.com/javax/swing/DefaultListCellRenderer.html#repaint(java.awt.Rectangle)) - Method in class javax.swing.[DefaultListCellRenderer](http://docs.google.com/javax/swing/DefaultListCellRenderer.html) Overridden for performance reasons. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/JApplet.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[JApplet](http://docs.google.com/javax/swing/JApplet.html) Repaints the specified rectangle of this component within time milliseconds. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/JComponent.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Adds the specified region to the dirty region list if the component is showing. [**repaint(Rectangle)**](http://docs.google.com/javax/swing/JComponent.html#repaint(java.awt.Rectangle)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Adds the specified region to the dirty region list if the component is showing. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/JDialog.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) Repaints the specified rectangle of this component within time milliseconds. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/JFrame.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) Repaints the specified rectangle of this component within time milliseconds. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/JViewport.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[JViewport](http://docs.google.com/javax/swing/JViewport.html) Always repaint in the parents coordinate system to make sure only one paint is performed by the RepaintManager. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/JWindow.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) Repaints the specified rectangle of this component within time milliseconds. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.table.[DefaultTableCellRenderer](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html) Overridden for performance reasons. [**repaint(Rectangle)**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html#repaint(java.awt.Rectangle)) - Method in class javax.swing.table.[DefaultTableCellRenderer](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html) Overridden for performance reasons. [**repaint()**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html#repaint()) - Method in class javax.swing.table.[DefaultTableCellRenderer](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html) Overridden for performance reasons. [**repaint()**](http://docs.google.com/javax/swing/text/DefaultCaret.html#repaint()) - Method in class javax.swing.text.[DefaultCaret](http://docs.google.com/javax/swing/text/DefaultCaret.html) Cause the caret to be painted. [**repaint(long, int, int, int, int)**](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html#repaint(long,%20int,%20int,%20int,%20int)) - Method in class javax.swing.tree.[DefaultTreeCellRenderer](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html) Overridden for performance reasons. [**repaint(Rectangle)**](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html#repaint(java.awt.Rectangle)) - Method in class javax.swing.tree.[DefaultTreeCellRenderer](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html) Overridden for performance reasons. [**repaint()**](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html#repaint()) - Method in class javax.swing.tree.[DefaultTreeCellRenderer](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html) Overridden for performance reasons. [**repaintCellFocus()**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.FocusHandler.html#repaintCellFocus()) - Method in class javax.swing.plaf.basic.[BasicListUI.FocusHandler](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.FocusHandler.html)   [**RepaintManager**](http://docs.google.com/javax/swing/RepaintManager.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This class manages repaint requests, allowing the number of repaints to be minimized, for example by collapsing multiple requests into a single repaint for members of a component tree.[**RepaintManager()**](http://docs.google.com/javax/swing/RepaintManager.html#RepaintManager()) - Constructor for class javax.swing.[RepaintManager](http://docs.google.com/javax/swing/RepaintManager.html) Create a new RepaintManager instance. [**repeatKeyAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html#repeatKeyAction) - Variable in class javax.swing.plaf.basic.[BasicTreeUI.KeyHandler](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html) Key code that is being generated for. [**replace(char, char)**](http://docs.google.com/java/lang/String.html#replace(char,%20char)) - Method in class java.lang.[String](http://docs.google.com/java/lang/String.html) Returns a new string resulting from replacing all occurrences of oldChar in this string with newChar. [**replace(CharSequence, CharSequence)**](http://docs.google.com/java/lang/String.html#replace(java.lang.CharSequence,%20java.lang.CharSequence)) - Method in class java.lang.[String](http://docs.google.com/java/lang/String.html) Replaces each substring of this string that matches the literal target sequence with the specified literal replacement sequence. [**replace(int, int, String)**](http://docs.google.com/java/lang/StringBuffer.html#replace(int,%20int,%20java.lang.String)) - Method in class java.lang.[StringBuffer](http://docs.google.com/java/lang/StringBuffer.html)   [**replace(int, int, String)**](http://docs.google.com/java/lang/StringBuilder.html#replace(int,%20int,%20java.lang.String)) - Method in class java.lang.[StringBuilder](http://docs.google.com/java/lang/StringBuilder.html)   [**REPLACE**](http://docs.google.com/java/nio/charset/CodingErrorAction.html#REPLACE) - Static variable in class java.nio.charset.[CodingErrorAction](http://docs.google.com/java/nio/charset/CodingErrorAction.html) Action indicating that a coding error is to be handled by dropping the erroneous input, appending the coder's replacement value to the output buffer, and resuming the coding operation. [**replace(K, V, V)**](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html#replace(K,%20V,%20V)) - Method in class java.util.concurrent.[ConcurrentHashMap](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html) Replaces the entry for a key only if currently mapped to a given value. [**replace(K, V)**](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html#replace(K,%20V)) - Method in class java.util.concurrent.[ConcurrentHashMap](http://docs.google.com/java/util/concurrent/ConcurrentHashMap.html) Replaces the entry for a key only if currently mapped to some value. [**replace(K, V, V)**](http://docs.google.com/java/util/concurrent/ConcurrentMap.html#replace(K,%20V,%20V)) - Method in interface java.util.concurrent.[ConcurrentMap](http://docs.google.com/java/util/concurrent/ConcurrentMap.html) Replaces the entry for a key only if currently mapped to a given value. [**replace(K, V)**](http://docs.google.com/java/util/concurrent/ConcurrentMap.html#replace(K,%20V)) - Method in interface java.util.concurrent.[ConcurrentMap](http://docs.google.com/java/util/concurrent/ConcurrentMap.html) Replaces the entry for a key only if currently mapped to some value. [**replace(K, V, V)**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html#replace(K,%20V,%20V)) - Method in class java.util.concurrent.[ConcurrentSkipListMap](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html) Replaces the entry for a key only if currently mapped to a given value. [**replace(K, V)**](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html#replace(K,%20V)) - Method in class java.util.concurrent.[ConcurrentSkipListMap](http://docs.google.com/java/util/concurrent/ConcurrentSkipListMap.html) Replaces the entry for a key only if currently mapped to some value. [**replace(Component, Component)**](http://docs.google.com/javax/swing/GroupLayout.html#replace(java.awt.Component,%20java.awt.Component)) - Method in class javax.swing.[GroupLayout](http://docs.google.com/javax/swing/GroupLayout.html) Replaces an existing component with a new one. [**replace(int, int, Element[])**](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html#replace(int,%20int,%20javax.swing.text.Element%5B%5D)) - Method in class javax.swing.text.[AbstractDocument.BranchElement](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html) Replaces content with a new set of elements. [**replace(int, int, String, AttributeSet)**](http://docs.google.com/javax/swing/text/AbstractDocument.html#replace(int,%20int,%20java.lang.String,%20javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[AbstractDocument](http://docs.google.com/javax/swing/text/AbstractDocument.html) Deletes the region of text from offset to offset + length, and replaces it with text. [**replace(int, int, View[])**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D)) - Method in class javax.swing.text.[AsyncBoxView](http://docs.google.com/javax/swing/text/AsyncBoxView.html) Calls the superclass to update the child views, and updates the status records for the children. [**replace(int, int, View[])**](http://docs.google.com/javax/swing/text/BoxView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D)) - Method in class javax.swing.text.[BoxView](http://docs.google.com/javax/swing/text/BoxView.html) Invalidates the layout and resizes the cache of requests/allocations. [**replace(int, int, View[])**](http://docs.google.com/javax/swing/text/CompositeView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D)) - Method in class javax.swing.text.[CompositeView](http://docs.google.com/javax/swing/text/CompositeView.html) Replaces child views. [**replace(int, int, String, AttributeSet)**](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html#replace(int,%20int,%20java.lang.String,%20javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[DocumentFilter.FilterBypass](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html) Deletes the region of text from offset to offset + length, and replaces it with text. [**replace(DocumentFilter.FilterBypass, int, int, String, AttributeSet)**](http://docs.google.com/javax/swing/text/DocumentFilter.html#replace(javax.swing.text.DocumentFilter.FilterBypass,%20int,%20int,%20java.lang.String,%20javax.swing.text.AttributeSet)) - Method in class javax.swing.text.[DocumentFilter](http://docs.google.com/javax/swing/text/DocumentFilter.html) Invoked prior to replacing a region of text in the specified Document. [**replace(int, int, View[])**](http://docs.google.com/javax/swing/text/TableView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D)) - Method in class javax.swing.text.[TableView](http://docs.google.com/javax/swing/text/TableView.html) Change the child views. [**replace(int, int, View[])**](http://docs.google.com/javax/swing/text/TableView.TableRow.html#replace(int,%20int,%20javax.swing.text.View%5B%5D)) - Method in class javax.swing.text.[TableView.TableRow](http://docs.google.com/javax/swing/text/TableView.TableRow.html) Change the child views. [**replace(int, int, View[])**](http://docs.google.com/javax/swing/text/View.html#replace(int,%20int,%20javax.swing.text.View%5B%5D)) - Method in class javax.swing.text.[View](http://docs.google.com/javax/swing/text/View.html) Replaces child views. [**REPLACE\_ATTRIBUTE**](http://docs.google.com/javax/naming/directory/DirContext.html#REPLACE_ATTRIBUTE) - Static variable in interface javax.naming.directory.[DirContext](http://docs.google.com/javax/naming/directory/DirContext.html) This constant specifies to replace an attribute with specified values. [**replaceAll(String, String)**](http://docs.google.com/java/lang/String.html#replaceAll(java.lang.String,%20java.lang.String)) - Method in class java.lang.[String](http://docs.google.com/java/lang/String.html) Replaces each substring of this string that matches the given [regular expression](http://docs.google.com/java/util/regex/Pattern.html#sum) with the given replacement. [**replaceAll(List<T>, T, T)**](http://docs.google.com/java/util/Collections.html#replaceAll(java.util.List,%20T,%20T)) - Static method in class java.util.[Collections](http://docs.google.com/java/util/Collections.html) Replaces all occurrences of one specified value in a list with another. [**replaceAll(String)**](http://docs.google.com/java/util/regex/Matcher.html#replaceAll(java.lang.String)) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Replaces every subsequence of the input sequence that matches the pattern with the given replacement string. [**replaceChild(Node, Node)**](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html#replaceChild(org.w3c.dom.Node,%20org.w3c.dom.Node)) - Method in class javax.imageio.metadata.[IIOMetadataNode](http://docs.google.com/javax/imageio/metadata/IIOMetadataNode.html) Replaces the child node oldChild with newChild in the list of children, and returns the oldChild node. [**replaceChild(Node, Node)**](http://docs.google.com/org/w3c/dom/Node.html#replaceChild(org.w3c.dom.Node,%20org.w3c.dom.Node)) - Method in interface org.w3c.dom.[Node](http://docs.google.com/org/w3c/dom/Node.html) Replaces the child node oldChild with newChild in the list of children, and returns the oldChild node. [**replaceData(int, int, String)**](http://docs.google.com/org/w3c/dom/CharacterData.html#replaceData(int,%20int,%20java.lang.String)) - Method in interface org.w3c.dom.[CharacterData](http://docs.google.com/org/w3c/dom/CharacterData.html) Replace the characters starting at the specified 16-bit unit offset with the specified string. [**replaceEdit(UndoableEdit)**](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#replaceEdit(javax.swing.undo.UndoableEdit)) - Method in class javax.swing.undo.[AbstractUndoableEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html) This default implementation returns false. [**replaceEdit(UndoableEdit)**](http://docs.google.com/javax/swing/undo/UndoableEdit.html#replaceEdit(javax.swing.undo.UndoableEdit)) - Method in interface javax.swing.undo.[UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) Returns true if this UndoableEdit should replace anEdit. [**replaceEditor(JComponent, JComponent)**](http://docs.google.com/javax/swing/plaf/basic/BasicSpinnerUI.html#replaceEditor(javax.swing.JComponent,%20javax.swing.JComponent)) - Method in class javax.swing.plaf.basic.[BasicSpinnerUI](http://docs.google.com/javax/swing/plaf/basic/BasicSpinnerUI.html) Called by the PropertyChangeListener when the JSpinner editor property changes. [**replaceFirst(String, String)**](http://docs.google.com/java/lang/String.html#replaceFirst(java.lang.String,%20java.lang.String)) - Method in class java.lang.[String](http://docs.google.com/java/lang/String.html) Replaces the first substring of this string that matches the given [regular expression](http://docs.google.com/java/util/regex/Pattern.html#sum) with the given replacement. [**replaceFirst(String)**](http://docs.google.com/java/util/regex/Matcher.html#replaceFirst(java.lang.String)) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Replaces the first subsequence of the input sequence that matches the pattern with the given replacement string. [**replaceImageMetadata(int, IIOMetadata)**](http://docs.google.com/javax/imageio/ImageWriter.html#replaceImageMetadata(int,%20javax.imageio.metadata.IIOMetadata)) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Replaces the image metadata associated with an existing image. [**replaceItem(String, int)**](http://docs.google.com/java/awt/List.html#replaceItem(java.lang.String,%20int)) - Method in class java.awt.[List](http://docs.google.com/java/awt/List.html) Replaces the item at the specified index in the scrolling list with the new string. [**replacement()**](http://docs.google.com/java/nio/charset/CharsetDecoder.html#replacement()) - Method in class java.nio.charset.[CharsetDecoder](http://docs.google.com/java/nio/charset/CharsetDecoder.html) Returns this decoder's replacement value. [**replacement()**](http://docs.google.com/java/nio/charset/CharsetEncoder.html#replacement()) - Method in class java.nio.charset.[CharsetEncoder](http://docs.google.com/java/nio/charset/CharsetEncoder.html) Returns this encoder's replacement value. [**replaceObject(Object)**](http://docs.google.com/java/io/ObjectOutputStream.html#replaceObject(java.lang.Object)) - Method in class java.io.[ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) This method will allow trusted subclasses of ObjectOutputStream to substitute one object for another during serialization. [**replacePane(JComponent, JComponent)**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.html#replacePane(javax.swing.JComponent,%20javax.swing.JComponent)) - Method in class javax.swing.plaf.basic.[BasicInternalFrameUI](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.html) Installs necessary mouse handlers on newPane and adds it to the frame. [**replacePixels(RenderedImage, ImageWriteParam)**](http://docs.google.com/javax/imageio/ImageWriter.html#replacePixels(java.awt.image.RenderedImage,%20javax.imageio.ImageWriteParam)) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Replaces a portion of an image already present in the output with a portion of the given image. [**replacePixels(Raster, ImageWriteParam)**](http://docs.google.com/javax/imageio/ImageWriter.html#replacePixels(java.awt.image.Raster,%20javax.imageio.ImageWriteParam)) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Replaces a portion of an image already present in the output with a portion of the given Raster. [**replaceRange(String, int, int)**](http://docs.google.com/java/awt/TextArea.html#replaceRange(java.lang.String,%20int,%20int)) - Method in class java.awt.[TextArea](http://docs.google.com/java/awt/TextArea.html) Replaces text between the indicated start and end positions with the specified replacement text. [**replaceRange(String, int, int)**](http://docs.google.com/javax/swing/JTextArea.html#replaceRange(java.lang.String,%20int,%20int)) - Method in class javax.swing.[JTextArea](http://docs.google.com/javax/swing/JTextArea.html) Replaces text from the indicated start to end position with the new text specified. [**replaceSelection(String)**](http://docs.google.com/javax/swing/JEditorPane.html#replaceSelection(java.lang.String)) - Method in class javax.swing.[JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) Replaces the currently selected content with new content represented by the given string. [**replaceSelection(String)**](http://docs.google.com/javax/swing/JTextPane.html#replaceSelection(java.lang.String)) - Method in class javax.swing.[JTextPane](http://docs.google.com/javax/swing/JTextPane.html) Replaces the currently selected content with new content represented by the given string. [**replaceSelection(String)**](http://docs.google.com/javax/swing/text/JTextComponent.html#replaceSelection(java.lang.String)) - Method in class javax.swing.text.[JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) Replaces the currently selected content with new content represented by the given string. [**replaceStreamMetadata(IIOMetadata)**](http://docs.google.com/javax/imageio/ImageWriter.html#replaceStreamMetadata(javax.imageio.metadata.IIOMetadata)) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Replaces the stream metadata in the output with new information. [**replaceText(String, int, int)**](http://docs.google.com/java/awt/TextArea.html#replaceText(java.lang.String,%20int,%20int)) - Method in class java.awt.[TextArea](http://docs.google.com/java/awt/TextArea.html) **Deprecated.** *As of JDK version 1.1, replaced by replaceRange(String, int, int).* [**replaceText(int, int, String)**](http://docs.google.com/javax/accessibility/AccessibleEditableText.html#replaceText(int,%20int,%20java.lang.String)) - Method in interface javax.accessibility.[AccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleEditableText.html) Replaces the text between two indices with the specified string. [**replaceText(int, int, String)**](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.html#replaceText(int,%20int,%20java.lang.String)) - Method in class javax.swing.[JSpinner.AccessibleJSpinner](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.html) Replaces the text between two indices with the specified string. [**replaceText(int, int, String)**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#replaceText(int,%20int,%20java.lang.String)) - Method in class javax.swing.text.[JTextComponent.AccessibleJTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html) Replaces the text between two indices with the specified string. [**replaceUIActionMap(JComponent, ActionMap)**](http://docs.google.com/javax/swing/SwingUtilities.html#replaceUIActionMap(javax.swing.JComponent,%20javax.swing.ActionMap)) - Static method in class javax.swing.[SwingUtilities](http://docs.google.com/javax/swing/SwingUtilities.html) Convenience method to change the UI ActionMap for component to uiActionMap. [**replaceUIInputMap(JComponent, int, InputMap)**](http://docs.google.com/javax/swing/SwingUtilities.html#replaceUIInputMap(javax.swing.JComponent,%20int,%20javax.swing.InputMap)) - Static method in class javax.swing.[SwingUtilities](http://docs.google.com/javax/swing/SwingUtilities.html) Convenience method to change the UI InputMap for component to uiInputMap. [**replaceWholeText(String)**](http://docs.google.com/org/w3c/dom/Text.html#replaceWholeText(java.lang.String)) - Method in interface org.w3c.dom.[Text](http://docs.google.com/org/w3c/dom/Text.html) Replaces the text of the current node and all logically-adjacent text nodes with the specified text. [**replaceWith(String)**](http://docs.google.com/java/nio/charset/CharsetDecoder.html#replaceWith(java.lang.String)) - Method in class java.nio.charset.[CharsetDecoder](http://docs.google.com/java/nio/charset/CharsetDecoder.html) Changes this decoder's replacement value. [**replaceWith(byte[])**](http://docs.google.com/java/nio/charset/CharsetEncoder.html#replaceWith(byte%5B%5D)) - Method in class java.nio.charset.[CharsetEncoder](http://docs.google.com/java/nio/charset/CharsetEncoder.html) Changes this encoder's replacement value. [**ReplicateScaleFilter**](http://docs.google.com/java/awt/image/ReplicateScaleFilter.html) - Class in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html)An ImageFilter class for scaling images using the simplest algorithm.[**ReplicateScaleFilter(int, int)**](http://docs.google.com/java/awt/image/ReplicateScaleFilter.html#ReplicateScaleFilter(int,%20int)) - Constructor for class java.awt.image.[ReplicateScaleFilter](http://docs.google.com/java/awt/image/ReplicateScaleFilter.html) Constructs a ReplicateScaleFilter that scales the pixels from its source Image as specified by the width and height parameters. [**reply\_status()**](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#reply_status()) - Method in interface org.omg.PortableInterceptor.[RequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html) Describes the state of the result of the operation invocation. [**REPORT**](http://docs.google.com/java/nio/charset/CodingErrorAction.html#REPORT) - Static variable in class java.nio.charset.[CodingErrorAction](http://docs.google.com/java/nio/charset/CodingErrorAction.html) Action indicating that a coding error is to be reported, either by returning a [CoderResult](http://docs.google.com/java/nio/charset/CoderResult.html) object or by throwing a [CharacterCodingException](http://docs.google.com/java/nio/charset/CharacterCodingException.html), whichever is appropriate for the method implementing the coding process. [**REPORT**](http://docs.google.com/javax/print/attribute/standard/Severity.html#REPORT) - Static variable in class javax.print.attribute.standard.[Severity](http://docs.google.com/javax/print/attribute/standard/Severity.html) Indicates that the [PrinterStateReason](http://docs.google.com/javax/print/attribute/standard/PrinterStateReason.html) is a "report" (least severe). [**report(Diagnostic<? extends S>)**](http://docs.google.com/javax/tools/DiagnosticCollector.html#report(javax.tools.Diagnostic)) - Method in class javax.tools.[DiagnosticCollector](http://docs.google.com/javax/tools/DiagnosticCollector.html)   [**report(Diagnostic<? extends S>)**](http://docs.google.com/javax/tools/DiagnosticListener.html#report(javax.tools.Diagnostic)) - Method in interface javax.tools.[DiagnosticListener](http://docs.google.com/javax/tools/DiagnosticListener.html) Invoked when a problem is found. [**report(String, String, Object, Location)**](http://docs.google.com/javax/xml/stream/XMLReporter.html#report(java.lang.String,%20java.lang.String,%20java.lang.Object,%20javax.xml.stream.Location)) - Method in interface javax.xml.stream.[XMLReporter](http://docs.google.com/javax/xml/stream/XMLReporter.html) Report the desired message in an application specific format. [**REPORTER**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#REPORTER) - Static variable in class javax.xml.stream.[XMLInputFactory](http://docs.google.com/javax/xml/stream/XMLInputFactory.html) The property used to set/get the implementation of the XMLReporter interface [**reportError(String, Exception, int)**](http://docs.google.com/java/util/logging/Handler.html#reportError(java.lang.String,%20java.lang.Exception,%20int)) - Method in class java.util.logging.[Handler](http://docs.google.com/java/util/logging/Handler.html) Protected convenience method to report an error to this Handler's ErrorManager. [**RepositoryIdHelper**](http://docs.google.com/org/omg/CORBA/RepositoryIdHelper.html) - Class in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html)The Helper for RepositoryId.[**RepositoryIdHelper()**](http://docs.google.com/org/omg/CORBA/RepositoryIdHelper.html#RepositoryIdHelper()) - Constructor for class org.omg.CORBA.[RepositoryIdHelper](http://docs.google.com/org/omg/CORBA/RepositoryIdHelper.html)   [**request(Object, String)**](http://docs.google.com/org/omg/CORBA/portable/Delegate.html#request(org.omg.CORBA.Object,%20java.lang.String)) - Method in class org.omg.CORBA.portable.[Delegate](http://docs.google.com/org/omg/CORBA/portable/Delegate.html) Creates a Request instance for use in the Dynamic Invocation Interface. [**request(Object, String, boolean)**](http://docs.google.com/org/omg/CORBA/portable/Delegate.html#request(org.omg.CORBA.Object,%20java.lang.String,%20boolean)) - Method in class org.omg.CORBA.portable.[Delegate](http://docs.google.com/org/omg/CORBA/portable/Delegate.html) request is called by a stub to obtain an OutputStream for marshaling arguments. [**Request**](http://docs.google.com/org/omg/CORBA/Request.html) - Class in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html)An object containing the information necessary for invoking a method.[**Request()**](http://docs.google.com/org/omg/CORBA/Request.html#Request()) - Constructor for class org.omg.CORBA.[Request](http://docs.google.com/org/omg/CORBA/Request.html)   [**request\_id()**](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#request_id()) - Method in interface org.omg.PortableInterceptor.[RequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html) Returns an id that uniquely identifies an active request/reply sequence. [**REQUEST\_PROCESSING\_POLICY\_ID**](http://docs.google.com/org/omg/PortableServer/REQUEST_PROCESSING_POLICY_ID.html) - Interface in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html)org/omg/PortableServer/REQUEST\_PROCESSING\_POLICY\_ID.java .[**requestAnonymity(boolean)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestAnonymity(boolean)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests that the initiator's identity not be disclosed to the acceptor. [**requestConf(boolean)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestConf(boolean)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests that data confidentiality be enabled for the wrap method. [**requestCredDeleg(boolean)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestCredDeleg(boolean)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests that the initiator's credentials be delegated to the acceptor during context establishment. [**requestDefaultFocus()**](http://docs.google.com/javax/swing/JComponent.html#requestDefaultFocus()) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) **Deprecated.** *As of 1.4, replaced by FocusTraversalPolicy.getDefaultComponent(Container).requestFocus()* [**requestFocus()**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#requestFocus()) - Method in class java.awt.[Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) Requests focus for this object. [**requestFocus()**](http://docs.google.com/java/awt/Component.html#requestFocus()) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Requests that this Component get the input focus, and that this Component's top-level ancestor become the focused Window. [**requestFocus(boolean)**](http://docs.google.com/java/awt/Component.html#requestFocus(boolean)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Requests that this Component get the input focus, and that this Component's top-level ancestor become the focused Window. [**requestFocus()**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#requestFocus()) - Method in class java.awt.[List.AccessibleAWTList.AccessibleAWTListChild](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html) Requests focus for this object. [**requestFocus()**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#requestFocus()) - Method in class java.awt.[MenuComponent.AccessibleAWTMenuComponent](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html) Requests focus for this object. [**requestFocus()**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#requestFocus()) - Method in interface javax.accessibility.[AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) Requests focus for this object. [**requestFocus()**](http://docs.google.com/javax/swing/JComponent.html#requestFocus()) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Requests that this Component gets the input focus. [**requestFocus(boolean)**](http://docs.google.com/javax/swing/JComponent.html#requestFocus(boolean)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Requests that this Component gets the input focus. [**requestFocus()**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#requestFocus()) - Method in class javax.swing.[JList.AccessibleJList.AccessibleJListChild](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html)   [**requestFocus()**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#requestFocus()) - Method in class javax.swing.[JTable.AccessibleJTable.AccessibleJTableCell](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html)   [**requestFocus()**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#requestFocus()) - Method in class javax.swing.[JTree.AccessibleJTree.AccessibleJTreeNode](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html)   [**requestFocus()**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.SystemMenuBar.html#requestFocus()) - Method in class javax.swing.plaf.basic.[BasicInternalFrameTitlePane.SystemMenuBar](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.SystemMenuBar.html)   [**requestFocus()**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#requestFocus()) - Method in class javax.swing.table.[JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html)   [**requestFocusInWindow()**](http://docs.google.com/java/awt/Component.html#requestFocusInWindow()) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Requests that this Component get the input focus, if this Component's top-level ancestor is already the focused Window. [**requestFocusInWindow(boolean)**](http://docs.google.com/java/awt/Component.html#requestFocusInWindow(boolean)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Requests that this Component get the input focus, if this Component's top-level ancestor is already the focused Window. [**requestFocusInWindow()**](http://docs.google.com/javax/swing/JComponent.html#requestFocusInWindow()) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Requests that this Component gets the input focus. [**requestFocusInWindow(boolean)**](http://docs.google.com/javax/swing/JComponent.html#requestFocusInWindow(boolean)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Requests that this Component gets the input focus. [**RequestInfo**](http://docs.google.com/org/omg/PortableInterceptor/RequestInfo.html) - Interface in [org.omg.PortableInterceptor](http://docs.google.com/org/omg/PortableInterceptor/package-summary.html)Request Information, accessible to Interceptors.[**RequestInfoOperations**](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html) - Interface in [org.omg.PortableInterceptor](http://docs.google.com/org/omg/PortableInterceptor/package-summary.html)Request Information, accessible to Interceptors.[**RequestingUserName**](http://docs.google.com/javax/print/attribute/standard/RequestingUserName.html) - Class in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html)Class RequestingUserName is a printing attribute class, a text attribute, that specifies the name of the end user that submitted the print job.[**RequestingUserName(String, Locale)**](http://docs.google.com/javax/print/attribute/standard/RequestingUserName.html#RequestingUserName(java.lang.String,%20java.util.Locale)) - Constructor for class javax.print.attribute.standard.[RequestingUserName](http://docs.google.com/javax/print/attribute/standard/RequestingUserName.html) Constructs a new requesting user name attribute with the given user name and locale. [**requestInteg(boolean)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestInteg(boolean)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests that data integrity be enabled for the wrap and getMICmethods. [**requestLifetime(int)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestLifetime(int)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests a lifetime in seconds for the context. [**requestMutualAuth(boolean)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestMutualAuth(boolean)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests that mutual authentication be done during context establishment. [**requestPasswordAuthentication(InetAddress, int, String, String, String)**](http://docs.google.com/java/net/Authenticator.html#requestPasswordAuthentication(java.net.InetAddress,%20int,%20java.lang.String,%20java.lang.String,%20java.lang.String)) - Static method in class java.net.[Authenticator](http://docs.google.com/java/net/Authenticator.html) Ask the authenticator that has been registered with the system for a password. [**requestPasswordAuthentication(String, InetAddress, int, String, String, String)**](http://docs.google.com/java/net/Authenticator.html#requestPasswordAuthentication(java.lang.String,%20java.net.InetAddress,%20int,%20java.lang.String,%20java.lang.String,%20java.lang.String)) - Static method in class java.net.[Authenticator](http://docs.google.com/java/net/Authenticator.html) Ask the authenticator that has been registered with the system for a password. [**requestPasswordAuthentication(String, InetAddress, int, String, String, String, URL, Authenticator.RequestorType)**](http://docs.google.com/java/net/Authenticator.html#requestPasswordAuthentication(java.lang.String,%20java.net.InetAddress,%20int,%20java.lang.String,%20java.lang.String,%20java.lang.String,%20java.net.URL,%20java.net.Authenticator.RequestorType)) - Static method in class java.net.[Authenticator](http://docs.google.com/java/net/Authenticator.html) Ask the authenticator that has been registered with the system for a password. [**RequestProcessingPolicy**](http://docs.google.com/org/omg/PortableServer/RequestProcessingPolicy.html) - Interface in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html)This policy specifies how requests are processed by the created POA.[**RequestProcessingPolicyOperations**](http://docs.google.com/org/omg/PortableServer/RequestProcessingPolicyOperations.html) - Interface in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html)This policy specifies how requests are processed by the created POA.[**RequestProcessingPolicyValue**](http://docs.google.com/org/omg/PortableServer/RequestProcessingPolicyValue.html) - Class in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html)The RequestProcessingPolicyValue can have the following values.[**RequestProcessingPolicyValue(int)**](http://docs.google.com/org/omg/PortableServer/RequestProcessingPolicyValue.html#RequestProcessingPolicyValue(int)) - Constructor for class org.omg.PortableServer.[RequestProcessingPolicyValue](http://docs.google.com/org/omg/PortableServer/RequestProcessingPolicyValue.html)   [**requestReplayDet(boolean)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestReplayDet(boolean)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests that replay detection be enabled for the per-message security services after context establishemnt. [**requestSequenceDet(boolean)**](http://docs.google.com/org/ietf/jgss/GSSContext.html#requestSequenceDet(boolean)) - Method in interface org.ietf.jgss.[GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) Requests that sequence checking be enabled for the per-message security services after context establishemnt. [**requestTopDownLeftRightResend(ImageConsumer)**](http://docs.google.com/java/awt/image/FilteredImageSource.html#requestTopDownLeftRightResend(java.awt.image.ImageConsumer)) - Method in class java.awt.image.[FilteredImageSource](http://docs.google.com/java/awt/image/FilteredImageSource.html) Requests that a given ImageConsumer have the image data delivered one more time in top-down, left-right order. [**requestTopDownLeftRightResend(ImageConsumer)**](http://docs.google.com/java/awt/image/ImageProducer.html#requestTopDownLeftRightResend(java.awt.image.ImageConsumer)) - Method in interface java.awt.image.[ImageProducer](http://docs.google.com/java/awt/image/ImageProducer.html) Requests, on behalf of the ImageConsumer, that the ImageProducer attempt to resend the image data one more time in TOPDOWNLEFTRIGHT order so that higher quality conversion algorithms which depend on receiving pixels in order can be used to produce a better output version of the image. [**requestTopDownLeftRightResend(ImageConsumer)**](http://docs.google.com/java/awt/image/MemoryImageSource.html#requestTopDownLeftRightResend(java.awt.image.ImageConsumer)) - Method in class java.awt.image.[MemoryImageSource](http://docs.google.com/java/awt/image/MemoryImageSource.html) Requests that a given ImageConsumer have the image data delivered one more time in top-down, left-right order. [**requestTopDownLeftRightResend(ImageConsumer)**](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html#requestTopDownLeftRightResend(java.awt.image.ImageConsumer)) - Method in class java.awt.image.renderable.[RenderableImageProducer](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html) Requests that a given ImageConsumer have the image data delivered one more time in top-down, left-right order. [**RequestWrapper**](http://docs.google.com/javax/xml/ws/RequestWrapper.html) - Annotation Type in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html)Used to annotate methods in the Service Endpoint Interface with the request wrapper bean to be used at runtime.[**require(int, String, String)**](http://docs.google.com/javax/xml/stream/util/StreamReaderDelegate.html#require(int,%20java.lang.String,%20java.lang.String)) - Method in class javax.xml.stream.util.[StreamReaderDelegate](http://docs.google.com/javax/xml/stream/util/StreamReaderDelegate.html)   [**require(int, String, String)**](http://docs.google.com/javax/xml/stream/XMLStreamReader.html#require(int,%20java.lang.String,%20java.lang.String)) - Method in interface javax.xml.stream.[XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) Test if the current event is of the given type and if the namespace and name match the current namespace and name of the current event. [**REQUIRED**](http://docs.google.com/java/awt/GraphicsConfigTemplate.html#REQUIRED) - Static variable in class java.awt.[GraphicsConfigTemplate](http://docs.google.com/java/awt/GraphicsConfigTemplate.html) Value used for "Enum" (Integer) type. [**required**](http://docs.google.com/java/sql/DriverPropertyInfo.html#required) - Variable in class java.sql.[DriverPropertyInfo](http://docs.google.com/java/sql/DriverPropertyInfo.html) The required field is true if a value must be supplied for this property during Driver.connect and false otherwise. [**REQUIRED**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html#REQUIRED) - Static variable in class javax.security.auth.login.[AppConfigurationEntry.LoginModuleControlFlag](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) Required LoginModule. [**REQUIRED**](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html#REQUIRED) - Static variable in interface javax.swing.text.html.parser.[DTDConstants](http://docs.google.com/javax/swing/text/html/parser/DTDConstants.html)   [**RequiredModelMBean**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html) - Class in [javax.management.modelmbean](http://docs.google.com/javax/management/modelmbean/package-summary.html)This class is the implementation of a ModelMBean.[**RequiredModelMBean()**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#RequiredModelMBean()) - Constructor for class javax.management.modelmbean.[RequiredModelMBean](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html) Constructs an RequiredModelMBean with an empty ModelMBeanInfo. [**RequiredModelMBean(ModelMBeanInfo)**](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html#RequiredModelMBean(javax.management.modelmbean.ModelMBeanInfo)) - Constructor for class javax.management.modelmbean.[RequiredModelMBean](http://docs.google.com/javax/management/modelmbean/RequiredModelMBean.html) Constructs a RequiredModelMBean object using ModelMBeanInfo passed in. [**requireEnd()**](http://docs.google.com/java/util/regex/Matcher.html#requireEnd()) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Returns true if more input could change a positive match into a negative one. [**REQUIRES\_ATTENTION**](http://docs.google.com/javax/print/event/PrintJobEvent.html#REQUIRES_ATTENTION) - Static variable in class javax.print.event.[PrintJobEvent](http://docs.google.com/javax/print/event/PrintJobEvent.html) The print service indicates that a - possibly transient - problem may require external intervention before the print service can continue. [**requiresBidi(char[], int, int)**](http://docs.google.com/java/text/Bidi.html#requiresBidi(char%5B%5D,%20int,%20int)) - Static method in class java.text.[Bidi](http://docs.google.com/java/text/Bidi.html) Return true if the specified text requires bidi analysis. [**REQUISITE**](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html#REQUISITE) - Static variable in class javax.security.auth.login.[AppConfigurationEntry.LoginModuleControlFlag](http://docs.google.com/javax/security/auth/login/AppConfigurationEntry.LoginModuleControlFlag.html) Requisite LoginModule. [**RescaleOp**](http://docs.google.com/java/awt/image/RescaleOp.html) - Class in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html)This class performs a pixel-by-pixel rescaling of the data in the source image by multiplying the sample values for each pixel by a scale factor and then adding an offset.[**RescaleOp(float[], float[], RenderingHints)**](http://docs.google.com/java/awt/image/RescaleOp.html#RescaleOp(float%5B%5D,%20float%5B%5D,%20java.awt.RenderingHints)) - Constructor for class java.awt.image.[RescaleOp](http://docs.google.com/java/awt/image/RescaleOp.html) Constructs a new RescaleOp with the desired scale factors and offsets. [**RescaleOp(float, float, RenderingHints)**](http://docs.google.com/java/awt/image/RescaleOp.html#RescaleOp(float,%20float,%20java.awt.RenderingHints)) - Constructor for class java.awt.image.[RescaleOp](http://docs.google.com/java/awt/image/RescaleOp.html) Constructs a new RescaleOp with the desired scale factor and offset. [**rescanCurrentDirectory()**](http://docs.google.com/javax/swing/JFileChooser.html#rescanCurrentDirectory()) - Method in class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Tells the UI to rescan its files list from the current directory. [**rescanCurrentDirectory(JFileChooser)**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#rescanCurrentDirectory(javax.swing.JFileChooser)) - Method in class javax.swing.plaf.basic.[BasicFileChooserUI](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html)   [**rescanCurrentDirectory(JFileChooser)**](http://docs.google.com/javax/swing/plaf/FileChooserUI.html#rescanCurrentDirectory(javax.swing.JFileChooser)) - Method in class javax.swing.plaf.[FileChooserUI](http://docs.google.com/javax/swing/plaf/FileChooserUI.html)   [**rescanCurrentDirectory(JFileChooser)**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html#rescanCurrentDirectory(javax.swing.JFileChooser)) - Method in class javax.swing.plaf.metal.[MetalFileChooserUI](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html)   [**rescanCurrentDirectory(JFileChooser)**](http://docs.google.com/javax/swing/plaf/multi/MultiFileChooserUI.html#rescanCurrentDirectory(javax.swing.JFileChooser)) - Method in class javax.swing.plaf.multi.[MultiFileChooserUI](http://docs.google.com/javax/swing/plaf/multi/MultiFileChooserUI.html) Invokes the rescanCurrentDirectory method on each UI handled by this object. [**resendTopDownLeftRight(ImageProducer)**](http://docs.google.com/java/awt/image/ImageFilter.html#resendTopDownLeftRight(java.awt.image.ImageProducer)) - Method in class java.awt.image.[ImageFilter](http://docs.google.com/java/awt/image/ImageFilter.html) Responds to a request for a TopDownLeftRight (TDLR) ordered resend of the pixel data from an ImageConsumer. [**RESERVED\_ID\_MAX**](http://docs.google.com/java/awt/AWTEvent.html#RESERVED_ID_MAX) - Static variable in class java.awt.[AWTEvent](http://docs.google.com/java/awt/AWTEvent.html) The maximum value for reserved AWT event IDs. [**RESERVED\_UIROLE**](http://docs.google.com/javax/print/ServiceUIFactory.html#RESERVED_UIROLE) - Static variable in class javax.print.[ServiceUIFactory](http://docs.google.com/javax/print/ServiceUIFactory.html) Not a valid role but role id's greater than this may be used for private roles supported by a service. [**reset()**](http://docs.google.com/java/awt/geom/Area.html#reset()) - Method in class java.awt.geom.[Area](http://docs.google.com/java/awt/geom/Area.html) Removes all of the geometry from this Area and restores it to an empty area. [**reset()**](http://docs.google.com/java/awt/geom/Path2D.html#reset()) - Method in class java.awt.geom.[Path2D](http://docs.google.com/java/awt/geom/Path2D.html) Resets the path to empty. [**reset()**](http://docs.google.com/java/awt/Polygon.html#reset()) - Method in class java.awt.[Polygon](http://docs.google.com/java/awt/Polygon.html) Resets this Polygon object to an empty polygon. [**reset()**](http://docs.google.com/java/io/BufferedInputStream.html#reset()) - Method in class java.io.[BufferedInputStream](http://docs.google.com/java/io/BufferedInputStream.html) See the general contract of the reset method of InputStream. [**reset()**](http://docs.google.com/java/io/BufferedReader.html#reset()) - Method in class java.io.[BufferedReader](http://docs.google.com/java/io/BufferedReader.html) Resets the stream to the most recent mark. [**reset()**](http://docs.google.com/java/io/ByteArrayInputStream.html#reset()) - Method in class java.io.[ByteArrayInputStream](http://docs.google.com/java/io/ByteArrayInputStream.html) Resets the buffer to the marked position. [**reset()**](http://docs.google.com/java/io/ByteArrayOutputStream.html#reset()) - Method in class java.io.[ByteArrayOutputStream](http://docs.google.com/java/io/ByteArrayOutputStream.html) Resets the count field of this byte array output stream to zero, so that all currently accumulated output in the output stream is discarded. [**reset()**](http://docs.google.com/java/io/CharArrayReader.html#reset()) - Method in class java.io.[CharArrayReader](http://docs.google.com/java/io/CharArrayReader.html) Resets the stream to the most recent mark, or to the beginning if it has never been marked. [**reset()**](http://docs.google.com/java/io/CharArrayWriter.html#reset()) - Method in class java.io.[CharArrayWriter](http://docs.google.com/java/io/CharArrayWriter.html) Resets the buffer so that you can use it again without throwing away the already allocated buffer. [**reset()**](http://docs.google.com/java/io/FilterInputStream.html#reset()) - Method in class java.io.[FilterInputStream](http://docs.google.com/java/io/FilterInputStream.html) Repositions this stream to the position at the time the mark method was last called on this input stream. [**reset()**](http://docs.google.com/java/io/FilterReader.html#reset()) - Method in class java.io.[FilterReader](http://docs.google.com/java/io/FilterReader.html) Resets the stream. [**reset()**](http://docs.google.com/java/io/InputStream.html#reset()) - Method in class java.io.[InputStream](http://docs.google.com/java/io/InputStream.html) Repositions this stream to the position at the time the mark method was last called on this input stream. [**reset()**](http://docs.google.com/java/io/LineNumberInputStream.html#reset()) - Method in class java.io.[LineNumberInputStream](http://docs.google.com/java/io/LineNumberInputStream.html) **Deprecated.** Repositions this stream to the position at the time the mark method was last called on this input stream. [**reset()**](http://docs.google.com/java/io/LineNumberReader.html#reset()) - Method in class java.io.[LineNumberReader](http://docs.google.com/java/io/LineNumberReader.html) Reset the stream to the most recent mark. [**reset()**](http://docs.google.com/java/io/ObjectOutputStream.html#reset()) - Method in class java.io.[ObjectOutputStream](http://docs.google.com/java/io/ObjectOutputStream.html) Reset will disregard the state of any objects already written to the stream. [**reset()**](http://docs.google.com/java/io/PushbackInputStream.html#reset()) - Method in class java.io.[PushbackInputStream](http://docs.google.com/java/io/PushbackInputStream.html) Repositions this stream to the position at the time the mark method was last called on this input stream. [**reset()**](http://docs.google.com/java/io/PushbackReader.html#reset()) - Method in class java.io.[PushbackReader](http://docs.google.com/java/io/PushbackReader.html) Resets the stream. [**reset()**](http://docs.google.com/java/io/Reader.html#reset()) - Method in class java.io.[Reader](http://docs.google.com/java/io/Reader.html) Resets the stream. [**reset()**](http://docs.google.com/java/io/StringBufferInputStream.html#reset()) - Method in class java.io.[StringBufferInputStream](http://docs.google.com/java/io/StringBufferInputStream.html) **Deprecated.** Resets the input stream to begin reading from the first character of this input stream's underlying buffer. [**reset()**](http://docs.google.com/java/io/StringReader.html#reset()) - Method in class java.io.[StringReader](http://docs.google.com/java/io/StringReader.html) Resets the stream to the most recent mark, or to the beginning of the string if it has never been marked. [**reset()**](http://docs.google.com/java/nio/Buffer.html#reset()) - Method in class java.nio.[Buffer](http://docs.google.com/java/nio/Buffer.html) Resets this buffer's position to the previously-marked position. [**reset()**](http://docs.google.com/java/nio/charset/CharsetDecoder.html#reset()) - Method in class java.nio.charset.[CharsetDecoder](http://docs.google.com/java/nio/charset/CharsetDecoder.html) Resets this decoder, clearing any internal state. [**reset()**](http://docs.google.com/java/nio/charset/CharsetEncoder.html#reset()) - Method in class java.nio.charset.[CharsetEncoder](http://docs.google.com/java/nio/charset/CharsetEncoder.html) Resets this encoder, clearing any internal state. [**reset()**](http://docs.google.com/java/security/MessageDigest.html#reset()) - Method in class java.security.[MessageDigest](http://docs.google.com/java/security/MessageDigest.html) Resets the digest for further use. [**reset()**](http://docs.google.com/java/text/CollationElementIterator.html#reset()) - Method in class java.text.[CollationElementIterator](http://docs.google.com/java/text/CollationElementIterator.html) Resets the cursor to the beginning of the string. [**reset()**](http://docs.google.com/java/util/concurrent/CyclicBarrier.html#reset()) - Method in class java.util.concurrent.[CyclicBarrier](http://docs.google.com/java/util/concurrent/CyclicBarrier.html) Resets the barrier to its initial state. [**reset()**](http://docs.google.com/java/util/logging/LogManager.html#reset()) - Method in class java.util.logging.[LogManager](http://docs.google.com/java/util/logging/LogManager.html) Reset the logging configuration. [**reset()**](http://docs.google.com/java/util/regex/Matcher.html#reset()) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Resets this matcher. [**reset(CharSequence)**](http://docs.google.com/java/util/regex/Matcher.html#reset(java.lang.CharSequence)) - Method in class java.util.regex.[Matcher](http://docs.google.com/java/util/regex/Matcher.html) Resets this matcher with a new input sequence. [**reset()**](http://docs.google.com/java/util/Scanner.html#reset()) - Method in class java.util.[Scanner](http://docs.google.com/java/util/Scanner.html) Resets this scanner. [**reset()**](http://docs.google.com/java/util/zip/Adler32.html#reset()) - Method in class java.util.zip.[Adler32](http://docs.google.com/java/util/zip/Adler32.html) Resets checksum to initial value. [**reset()**](http://docs.google.com/java/util/zip/Checksum.html#reset()) - Method in interface java.util.zip.[Checksum](http://docs.google.com/java/util/zip/Checksum.html) Resets the checksum to its initial value. [**reset()**](http://docs.google.com/java/util/zip/CRC32.html#reset()) - Method in class java.util.zip.[CRC32](http://docs.google.com/java/util/zip/CRC32.html) Resets CRC-32 to initial value. [**reset()**](http://docs.google.com/java/util/zip/Deflater.html#reset()) - Method in class java.util.zip.[Deflater](http://docs.google.com/java/util/zip/Deflater.html) Resets deflater so that a new set of input data can be processed. [**reset()**](http://docs.google.com/java/util/zip/DeflaterInputStream.html#reset()) - Method in class java.util.zip.[DeflaterInputStream](http://docs.google.com/java/util/zip/DeflaterInputStream.html) *This operation is not supported*. [**reset()**](http://docs.google.com/java/util/zip/Inflater.html#reset()) - Method in class java.util.zip.[Inflater](http://docs.google.com/java/util/zip/Inflater.html) Resets inflater so that a new set of input data can be processed. [**reset()**](http://docs.google.com/java/util/zip/InflaterInputStream.html#reset()) - Method in class java.util.zip.[InflaterInputStream](http://docs.google.com/java/util/zip/InflaterInputStream.html) Repositions this stream to the position at the time the mark method was last called on this input stream. [**reset()**](http://docs.google.com/javax/crypto/Mac.html#reset()) - Method in class javax.crypto.[Mac](http://docs.google.com/javax/crypto/Mac.html) Resets this Mac object. [**reset()**](http://docs.google.com/javax/imageio/ImageReader.html#reset()) - Method in class javax.imageio.[ImageReader](http://docs.google.com/javax/imageio/ImageReader.html) Restores the ImageReader to its initial state. [**reset()**](http://docs.google.com/javax/imageio/ImageWriter.html#reset()) - Method in class javax.imageio.[ImageWriter](http://docs.google.com/javax/imageio/ImageWriter.html) Restores the ImageWriter to its initial state. [**reset()**](http://docs.google.com/javax/imageio/metadata/IIOMetadata.html#reset()) - Method in class javax.imageio.metadata.[IIOMetadata](http://docs.google.com/javax/imageio/metadata/IIOMetadata.html) Resets all the data stored in this object to default values, usually to the state this object was in immediately after construction, though the precise semantics are plug-in specific. [**reset()**](http://docs.google.com/javax/imageio/stream/ImageInputStream.html#reset()) - Method in interface javax.imageio.stream.[ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) Returns the stream pointer to its previous position, including the bit offset, at the time of the most recent unmatched call to mark. [**reset()**](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html#reset()) - Method in class javax.imageio.stream.[ImageInputStreamImpl](http://docs.google.com/javax/imageio/stream/ImageInputStreamImpl.html) Resets the current stream byte and bit positions from the stack of marked positions. [**reset()**](http://docs.google.com/javax/sound/sampled/AudioInputStream.html#reset()) - Method in class javax.sound.sampled.[AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) Repositions this audio input stream to the position it had at the time its mark method was last invoked. [**reset()**](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html#reset()) - Method in class javax.swing.[ProgressMonitorInputStream](http://docs.google.com/javax/swing/ProgressMonitorInputStream.html) Overrides FilterInputStream.reset to reset the progress monitor as well as the stream. [**RESET**](http://docs.google.com/javax/swing/text/html/FormView.html#RESET) - Static variable in class javax.swing.text.html.[FormView](http://docs.google.com/javax/swing/text/html/FormView.html) **Deprecated.** *As of 1.3, value comes from UIManager UIManager property FormView.resetButtonText* [**reset()**](http://docs.google.com/javax/xml/bind/util/ValidationEventCollector.html#reset()) - Method in class javax.xml.bind.util.[ValidationEventCollector](http://docs.google.com/javax/xml/bind/util/ValidationEventCollector.html) Clear all collected errors and warnings. [**reset()**](http://docs.google.com/javax/xml/datatype/XMLGregorianCalendar.html#reset()) - Method in class javax.xml.datatype.[XMLGregorianCalendar](http://docs.google.com/javax/xml/datatype/XMLGregorianCalendar.html) Reset this XMLGregorianCalendar to its original values. [**reset()**](http://docs.google.com/javax/xml/parsers/DocumentBuilder.html#reset()) - Method in class javax.xml.parsers.[DocumentBuilder](http://docs.google.com/javax/xml/parsers/DocumentBuilder.html) Reset this DocumentBuilder to its original configuration. [**reset()**](http://docs.google.com/javax/xml/parsers/SAXParser.html#reset()) - Method in class javax.xml.parsers.[SAXParser](http://docs.google.com/javax/xml/parsers/SAXParser.html) Reset this SAXParser to its original configuration. [**reset()**](http://docs.google.com/javax/xml/transform/Transformer.html#reset()) - Method in class javax.xml.transform.[Transformer](http://docs.google.com/javax/xml/transform/Transformer.html) Reset this Transformer to its original configuration. [**reset()**](http://docs.google.com/javax/xml/validation/Validator.html#reset()) - Method in class javax.xml.validation.[Validator](http://docs.google.com/javax/xml/validation/Validator.html) Reset this Validator to its original configuration. [**reset()**](http://docs.google.com/javax/xml/xpath/XPath.html#reset()) - Method in interface javax.xml.xpath.[XPath](http://docs.google.com/javax/xml/xpath/XPath.html) Reset this XPath to its original configuration. [**reset()**](http://docs.google.com/org/xml/sax/helpers/NamespaceSupport.html#reset()) - Method in class org.xml.sax.helpers.[NamespaceSupport](http://docs.google.com/org/xml/sax/helpers/NamespaceSupport.html) Reset this Namespace support object for reuse. [**RESET\_FLAGS\_ALREADY\_NOTIFIED**](http://docs.google.com/javax/management/monitor/Monitor.html#RESET_FLAGS_ALREADY_NOTIFIED) - Static variable in class javax.management.monitor.[Monitor](http://docs.google.com/javax/management/monitor/Monitor.html) This flag is used to reset the [alreadyNotifieds](http://docs.google.com/javax/management/monitor/Monitor.html#alreadyNotifieds) monitor attribute. [**resetAllControllers()**](http://docs.google.com/javax/sound/midi/MidiChannel.html#resetAllControllers()) - Method in interface javax.sound.midi.[MidiChannel](http://docs.google.com/javax/sound/midi/MidiChannel.html) Resets all the implemented controllers to their default values. [**resetChoosableFileFilters()**](http://docs.google.com/javax/swing/JFileChooser.html#resetChoosableFileFilters()) - Method in class javax.swing.[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) Resets the choosable file filter list to its starting state. [**resetInputValue()**](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.html#resetInputValue()) - Method in class javax.swing.plaf.basic.[BasicOptionPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicOptionPaneUI.html) Sets the input value in the option pane the receiver is providing the look and feel for based on the value in the inputComponent. [**resetKeyboardActions()**](http://docs.google.com/javax/swing/JComponent.html#resetKeyboardActions()) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Unregisters all the bindings in the first tier InputMaps and ActionMap. [**resetLayoutManager()**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#resetLayoutManager()) - Method in class javax.swing.plaf.basic.[BasicSplitPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html) Resets the layout manager based on orientation and messages it with invalidateLayout to pull in appropriate Components. [**resetMarksAtZero()**](http://docs.google.com/javax/swing/text/GapContent.html#resetMarksAtZero()) - Method in class javax.swing.text.[GapContent](http://docs.google.com/javax/swing/text/GapContent.html) Resets all the marks that have an offset of 0 to have an index of zero as well. [**resetPeakThreadCount()**](http://docs.google.com/java/lang/management/ThreadMXBean.html#resetPeakThreadCount()) - Method in interface java.lang.management.[ThreadMXBean](http://docs.google.com/java/lang/management/ThreadMXBean.html) Resets the peak thread count to the current number of live threads. [**resetPeakUsage()**](http://docs.google.com/java/lang/management/MemoryPoolMXBean.html#resetPeakUsage()) - Method in interface java.lang.management.[MemoryPoolMXBean](http://docs.google.com/java/lang/management/MemoryPoolMXBean.html) Resets the peak memory usage statistic of this memory pool to the current memory usage. [**resetRecognizer()**](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html#resetRecognizer()) - Method in class java.awt.dnd.[DragGestureRecognizer](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html) Reset the Recognizer, if its currently recognizing a gesture, ignore it. [**resetRowSelection()**](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html#resetRowSelection()) - Method in class javax.swing.tree.[DefaultTreeSelectionModel](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html) Updates this object's mapping from TreePath to rows. [**resetRowSelection()**](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html#resetRowSelection()) - Method in interface javax.swing.tree.[TreeSelectionModel](http://docs.google.com/javax/swing/tree/TreeSelectionModel.html) Updates this object's mapping from TreePaths to rows. [**resetSizeAt(int)**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#resetSizeAt(int)) - Method in class javax.swing.plaf.basic.[BasicSplitPaneUI.BasicHorizontalLayoutManager](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html) Resets the size of the Component at the passed in location. [**resetSyntax()**](http://docs.google.com/java/io/StreamTokenizer.html#resetSyntax()) - Method in class java.io.[StreamTokenizer](http://docs.google.com/java/io/StreamTokenizer.html) Resets this tokenizer's syntax table so that all characters are "ordinary." See the ordinaryChar method for more information on a character being ordinary. [**resetToPreferredSizes()**](http://docs.google.com/javax/swing/JSplitPane.html#resetToPreferredSizes()) - Method in class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Lays out the JSplitPane layout based on the preferred size of the children components. [**resetToPreferredSizes()**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html#resetToPreferredSizes()) - Method in class javax.swing.plaf.basic.[BasicSplitPaneUI.BasicHorizontalLayoutManager](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.BasicHorizontalLayoutManager.html) Marks the receiver so that the next time this instance is laid out it'll ask for the preferred sizes. [**resetToPreferredSizes(JSplitPane)**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#resetToPreferredSizes(javax.swing.JSplitPane)) - Method in class javax.swing.plaf.basic.[BasicSplitPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html) Messaged to reset the preferred sizes. [**resetToPreferredSizes(JSplitPane)**](http://docs.google.com/javax/swing/plaf/multi/MultiSplitPaneUI.html#resetToPreferredSizes(javax.swing.JSplitPane)) - Method in class javax.swing.plaf.multi.[MultiSplitPaneUI](http://docs.google.com/javax/swing/plaf/multi/MultiSplitPaneUI.html) Invokes the resetToPreferredSizes method on each UI handled by this object. [**resetToPreferredSizes(JSplitPane)**](http://docs.google.com/javax/swing/plaf/SplitPaneUI.html#resetToPreferredSizes(javax.swing.JSplitPane)) - Method in class javax.swing.plaf.[SplitPaneUI](http://docs.google.com/javax/swing/plaf/SplitPaneUI.html) Messaged to relayout the JSplitPane based on the preferred size of the children components. [**resetViewPort()**](http://docs.google.com/javax/swing/JScrollPane.AccessibleJScrollPane.html#resetViewPort()) - Method in class javax.swing.[JScrollPane.AccessibleJScrollPane](http://docs.google.com/javax/swing/JScrollPane.AccessibleJScrollPane.html)   [**reshape(int, int, int, int)**](http://docs.google.com/java/awt/Component.html#reshape(int,%20int,%20int,%20int)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) **Deprecated.** *As of JDK version 1.1, replaced by setBounds(int, int, int, int).* [**reshape(int, int, int, int)**](http://docs.google.com/java/awt/Rectangle.html#reshape(int,%20int,%20int,%20int)) - Method in class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) **Deprecated.** *As of JDK version 1.1, replaced by setBounds(int, int, int, int).* [**reshape(int, int, int, int)**](http://docs.google.com/java/awt/Window.html#reshape(int,%20int,%20int,%20int)) - Method in class java.awt.[Window](http://docs.google.com/java/awt/Window.html) **Deprecated.** *As of JDK version 1.1, replaced by setBounds(int, int, int, int).* [**reshape(int, int, int, int)**](http://docs.google.com/javax/swing/JComponent.html#reshape(int,%20int,%20int,%20int)) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) **Deprecated.** *As of JDK 5, replaced by Component.setBounds(int, int, int, int).*

*Moves and resizes this component.*

[**reshape(int, int, int, int)**](http://docs.google.com/javax/swing/JInternalFrame.html#reshape(int,%20int,%20int,%20int)) - Method in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Moves and resizes this component. [**reshape(int, int, int, int)**](http://docs.google.com/javax/swing/JViewport.html#reshape(int,%20int,%20int,%20int)) - Method in class javax.swing.[JViewport](http://docs.google.com/javax/swing/JViewport.html) Sets the bounds of this viewport. [**RESIZABLE**](http://docs.google.com/javax/accessibility/AccessibleState.html#RESIZABLE) - Static variable in class javax.accessibility.[AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html) Indicates the size of this object is not fixed. [**resizable**](http://docs.google.com/javax/swing/JInternalFrame.html#resizable) - Variable in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) The frame's size can be changed. [**resize(int, int)**](http://docs.google.com/java/applet/Applet.html#resize(int,%20int)) - Method in class java.applet.[Applet](http://docs.google.com/java/applet/Applet.html) Requests that this applet be resized. [**resize(Dimension)**](http://docs.google.com/java/applet/Applet.html#resize(java.awt.Dimension)) - Method in class java.applet.[Applet](http://docs.google.com/java/applet/Applet.html) Requests that this applet be resized. [**resize(int, int)**](http://docs.google.com/java/awt/Component.html#resize(int,%20int)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) **Deprecated.** *As of JDK version 1.1, replaced by setSize(int, int).* [**resize(Dimension)**](http://docs.google.com/java/awt/Component.html#resize(java.awt.Dimension)) - Method in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) **Deprecated.** *As of JDK version 1.1, replaced by setSize(Dimension).* [**resize(int, int)**](http://docs.google.com/java/awt/Rectangle.html#resize(int,%20int)) - Method in class java.awt.[Rectangle](http://docs.google.com/java/awt/Rectangle.html) **Deprecated.** *As of JDK version 1.1, replaced by setSize(int, int).* [**RESIZE\_NONE**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.BorderListener.html#RESIZE_NONE) - Variable in class javax.swing.plaf.basic.[BasicInternalFrameUI.BorderListener](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.BorderListener.html)   [**RESIZE\_WEIGHT\_PROPERTY**](http://docs.google.com/javax/swing/JSplitPane.html#RESIZE_WEIGHT_PROPERTY) - Static variable in class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Bound property for weight. [**resizeAndRepaint()**](http://docs.google.com/javax/swing/JTable.html#resizeAndRepaint()) - Method in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Equivalent to revalidate followed by repaint. [**resizeAndRepaint()**](http://docs.google.com/javax/swing/table/JTableHeader.html#resizeAndRepaint()) - Method in class javax.swing.table.[JTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.html) Sizes the header and marks it as needing display. [**resizedPostingDisableCount**](http://docs.google.com/javax/swing/table/TableColumn.html#resizedPostingDisableCount) - Variable in class javax.swing.table.[TableColumn](http://docs.google.com/javax/swing/table/TableColumn.html) **Deprecated.** *as of Java 2 platform v1.3* [**resizeFrame(JComponent, int, int, int, int)**](http://docs.google.com/javax/swing/DefaultDesktopManager.html#resizeFrame(javax.swing.JComponent,%20int,%20int,%20int,%20int)) - Method in class javax.swing.[DefaultDesktopManager](http://docs.google.com/javax/swing/DefaultDesktopManager.html) Calls setBoundsForFrame with the new values. [**resizeFrame(JComponent, int, int, int, int)**](http://docs.google.com/javax/swing/DesktopManager.html#resizeFrame(javax.swing.JComponent,%20int,%20int,%20int,%20int)) - Method in interface javax.swing.[DesktopManager](http://docs.google.com/javax/swing/DesktopManager.html) The user has resized the component. [**resizingAllowed**](http://docs.google.com/javax/swing/table/JTableHeader.html#resizingAllowed) - Variable in class javax.swing.table.[JTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.html) If true, resizing of columns are allowed by the user; the default is true. [**resizingColumn**](http://docs.google.com/javax/swing/table/JTableHeader.html#resizingColumn) - Variable in class javax.swing.table.[JTableHeader](http://docs.google.com/javax/swing/table/JTableHeader.html) The index of the column being resized. [**resolution**](http://docs.google.com/javax/sound/midi/MidiFileFormat.html#resolution) - Variable in class javax.sound.midi.[MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) The timing resolution of the MIDI file. [**resolution**](http://docs.google.com/javax/sound/midi/Sequence.html#resolution) - Variable in class javax.sound.midi.[Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) The timing resolution of the sequence. [**ResolutionSyntax**](http://docs.google.com/javax/print/attribute/ResolutionSyntax.html) - Class in [javax.print.attribute](http://docs.google.com/javax/print/attribute/package-summary.html)Class ResolutionSyntax is an abstract base class providing the common implementation of all attributes denoting a printer resolution.[**ResolutionSyntax(int, int, int)**](http://docs.google.com/javax/print/attribute/ResolutionSyntax.html#ResolutionSyntax(int,%20int,%20int)) - Constructor for class javax.print.attribute.[ResolutionSyntax](http://docs.google.com/javax/print/attribute/ResolutionSyntax.html) Construct a new resolution attribute from the given items. [**resolve(URI)**](http://docs.google.com/java/net/URI.html#resolve(java.net.URI)) - Method in class java.net.[URI](http://docs.google.com/java/net/URI.html) Resolves the given URI against this URI. [**resolve(String)**](http://docs.google.com/java/net/URI.html#resolve(java.lang.String)) - Method in class java.net.[URI](http://docs.google.com/java/net/URI.html) Constructs a new URI by parsing the given string and then resolving it against this URI. [**resolve(String, String)**](http://docs.google.com/javax/xml/transform/URIResolver.html#resolve(java.lang.String,%20java.lang.String)) - Method in interface javax.xml.transform.[URIResolver](http://docs.google.com/javax/xml/transform/URIResolver.html) Called by the processor when it encounters an xsl:include, xsl:import, or document() function. [**resolve(NameComponent[])**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#resolve(org.omg.CosNaming.NameComponent%5B%5D)) - Method in class org.omg.CosNaming.[\_NamingContextExtStub](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html) The resolve operation is the process of retrieving an object bound to a name in a given context. [**resolve(NameComponent[])**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.html#resolve(org.omg.CosNaming.NameComponent%5B%5D)) - Method in class org.omg.CosNaming.[\_NamingContextStub](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.html) The resolve operation is the process of retrieving an object bound to a name in a given context. [**resolve(NameComponent[])**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#resolve(org.omg.CosNaming.NameComponent%5B%5D)) - Method in interface org.omg.CosNaming.[NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) The resolve operation is the process of retrieving an object bound to a name in a given context. [**resolve\_initial\_references(String)**](http://docs.google.com/org/omg/CORBA/ORB.html#resolve_initial_references(java.lang.String)) - Method in class org.omg.CORBA.[ORB](http://docs.google.com/org/omg/CORBA/ORB.html) Resolves a specific object reference from the set of available initial service names. [**resolve\_initial\_references(String)**](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoOperations.html#resolve_initial_references(java.lang.String)) - Method in interface org.omg.PortableInterceptor.[ORBInitInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/ORBInitInfoOperations.html) Identical to ORB.resolve\_initial\_references. [**resolve\_str(String)**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#resolve_str(java.lang.String)) - Method in class org.omg.CosNaming.[\_NamingContextExtStub](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html) This operation resolves the Stringified name into the object reference. [**resolve\_str(String)**](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html#resolve_str(java.lang.String)) - Method in interface org.omg.CosNaming.[NamingContextExtOperations](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html) This operation resolves the Stringified name into the object reference. [**ResolveAttribute**](http://docs.google.com/javax/swing/text/AttributeSet.html#ResolveAttribute) - Static variable in interface javax.swing.text.[AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) Attribute name used to identify the resolving parent set of attributes, if one is defined. [**ResolveAttribute**](http://docs.google.com/javax/swing/text/StyleConstants.html#ResolveAttribute) - Static variable in class javax.swing.text.[StyleConstants](http://docs.google.com/javax/swing/text/StyleConstants.html) Attribute name used to identifiy the resolving parent set of attributes, if one is defined. [**resolveClass(ObjectStreamClass)**](http://docs.google.com/java/io/ObjectInputStream.html#resolveClass(java.io.ObjectStreamClass)) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Load the local class equivalent of the specified stream class description. [**resolveClass(Class<?>)**](http://docs.google.com/java/lang/ClassLoader.html#resolveClass(java.lang.Class)) - Method in class java.lang.[ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) Links the specified class. [**resolvedName**](http://docs.google.com/javax/naming/NamingException.html#resolvedName) - Variable in exception javax.naming.[NamingException](http://docs.google.com/javax/naming/NamingException.html) Contains the part of the name that has been successfully resolved. [**resolvedObj**](http://docs.google.com/javax/naming/NamingException.html#resolvedObj) - Variable in exception javax.naming.[NamingException](http://docs.google.com/javax/naming/NamingException.html) Contains the object to which resolution of the part of the name was successful. [**resolvedObj**](http://docs.google.com/javax/naming/spi/ResolveResult.html#resolvedObj) - Variable in class javax.naming.spi.[ResolveResult](http://docs.google.com/javax/naming/spi/ResolveResult.html) Field containing the Object that was resolved to successfully. [**resolveEntity(String, String, String, String)**](http://docs.google.com/javax/xml/stream/XMLResolver.html#resolveEntity(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String)) - Method in interface javax.xml.stream.[XMLResolver](http://docs.google.com/javax/xml/stream/XMLResolver.html) Retrieves a resource. [**resolveEntity(String, String)**](http://docs.google.com/org/xml/sax/EntityResolver.html#resolveEntity(java.lang.String,%20java.lang.String)) - Method in interface org.xml.sax.[EntityResolver](http://docs.google.com/org/xml/sax/EntityResolver.html) Allow the application to resolve external entities. [**resolveEntity(String, String, String, String)**](http://docs.google.com/org/xml/sax/ext/DefaultHandler2.html#resolveEntity(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String)) - Method in class org.xml.sax.ext.[DefaultHandler2](http://docs.google.com/org/xml/sax/ext/DefaultHandler2.html) Tells the parser to resolve the systemId against the baseURI and read the entity text from that resulting absolute URI. [**resolveEntity(String, String)**](http://docs.google.com/org/xml/sax/ext/DefaultHandler2.html#resolveEntity(java.lang.String,%20java.lang.String)) - Method in class org.xml.sax.ext.[DefaultHandler2](http://docs.google.com/org/xml/sax/ext/DefaultHandler2.html) Invokes [EntityResolver2.resolveEntity()](http://docs.google.com/org/xml/sax/ext/EntityResolver2.html#resolveEntity(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String)) with null entity name and base URI. [**resolveEntity(String, String, String, String)**](http://docs.google.com/org/xml/sax/ext/EntityResolver2.html#resolveEntity(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String)) - Method in interface org.xml.sax.ext.[EntityResolver2](http://docs.google.com/org/xml/sax/ext/EntityResolver2.html) Allows applications to map references to external entities into input sources, or tell the parser it should use conventional URI resolution. [**resolveEntity(String, String)**](http://docs.google.com/org/xml/sax/HandlerBase.html#resolveEntity(java.lang.String,%20java.lang.String)) - Method in class org.xml.sax.[HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) **Deprecated.** Resolve an external entity. [**resolveEntity(String, String)**](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html#resolveEntity(java.lang.String,%20java.lang.String)) - Method in class org.xml.sax.helpers.[DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) Resolve an external entity. [**resolveEntity(String, String)**](http://docs.google.com/org/xml/sax/helpers/XMLFilterImpl.html#resolveEntity(java.lang.String,%20java.lang.String)) - Method in class org.xml.sax.helpers.[XMLFilterImpl](http://docs.google.com/org/xml/sax/helpers/XMLFilterImpl.html) Filter an external entity resolution. [**resolveFunction(QName, int)**](http://docs.google.com/javax/xml/xpath/XPathFunctionResolver.html#resolveFunction(javax.xml.namespace.QName,%20int)) - Method in interface javax.xml.xpath.[XPathFunctionResolver](http://docs.google.com/javax/xml/xpath/XPathFunctionResolver.html) Find a function in the set of available functions. [**resolveObject(Object)**](http://docs.google.com/java/io/ObjectInputStream.html#resolveObject(java.lang.Object)) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) This method will allow trusted subclasses of ObjectInputStream to substitute one object for another during deserialization. [**resolveProxyClass(String[])**](http://docs.google.com/java/io/ObjectInputStream.html#resolveProxyClass(java.lang.String%5B%5D)) - Method in class java.io.[ObjectInputStream](http://docs.google.com/java/io/ObjectInputStream.html) Returns a proxy class that implements the interfaces named in a proxy class descriptor; subclasses may implement this method to read custom data from the stream along with the descriptors for dynamic proxy classes, allowing them to use an alternate loading mechanism for the interfaces and the proxy class. [**Resolver**](http://docs.google.com/javax/naming/spi/Resolver.html) - Interface in [javax.naming.spi](http://docs.google.com/javax/naming/spi/package-summary.html)This interface represents an "intermediate context" for name resolution.[**RESOLVER**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#RESOLVER) - Static variable in class javax.xml.stream.[XMLInputFactory](http://docs.google.com/javax/xml/stream/XMLInputFactory.html) The property used to set/get the implementation of the XMLResolver [**resolveResource(String, String, String, String, String)**](http://docs.google.com/org/w3c/dom/ls/LSResourceResolver.html#resolveResource(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String)) - Method in interface org.w3c.dom.ls.[LSResourceResolver](http://docs.google.com/org/w3c/dom/ls/LSResourceResolver.html) Allow the application to resolve external resources. [**ResolveResult**](http://docs.google.com/javax/naming/spi/ResolveResult.html) - Class in [javax.naming.spi](http://docs.google.com/javax/naming/spi/package-summary.html)This class represents the result of resolution of a name.[**ResolveResult()**](http://docs.google.com/javax/naming/spi/ResolveResult.html#ResolveResult()) - Constructor for class javax.naming.spi.[ResolveResult](http://docs.google.com/javax/naming/spi/ResolveResult.html) Constructs an instance of ResolveResult with the resolved object and remaining name both initialized to null. [**ResolveResult(Object, String)**](http://docs.google.com/javax/naming/spi/ResolveResult.html#ResolveResult(java.lang.Object,%20java.lang.String)) - Constructor for class javax.naming.spi.[ResolveResult](http://docs.google.com/javax/naming/spi/ResolveResult.html) Constructs a new instance of ResolveResult consisting of the resolved object and the remaining unresolved component. [**ResolveResult(Object, Name)**](http://docs.google.com/javax/naming/spi/ResolveResult.html#ResolveResult(java.lang.Object,%20javax.naming.Name)) - Constructor for class javax.naming.spi.[ResolveResult](http://docs.google.com/javax/naming/spi/ResolveResult.html) Constructs a new instance of ResolveResult consisting of the resolved Object and the remaining name. [**resolveToClass(Name, Class<? extends Context>)**](http://docs.google.com/javax/naming/spi/Resolver.html#resolveToClass(javax.naming.Name,%20java.lang.Class)) - Method in interface javax.naming.spi.[Resolver](http://docs.google.com/javax/naming/spi/Resolver.html) Partially resolves a name. [**resolveToClass(String, Class<? extends Context>)**](http://docs.google.com/javax/naming/spi/Resolver.html#resolveToClass(java.lang.String,%20java.lang.Class)) - Method in interface javax.naming.spi.[Resolver](http://docs.google.com/javax/naming/spi/Resolver.html) Partially resolves a name. [**resolveVariable(QName)**](http://docs.google.com/javax/xml/xpath/XPathVariableResolver.html#resolveVariable(javax.xml.namespace.QName)) - Method in interface javax.xml.xpath.[XPathVariableResolver](http://docs.google.com/javax/xml/xpath/XPathVariableResolver.html) Find a variable in the set of available variables. [**Resource**](http://docs.google.com/javax/annotation/Resource.html) - Annotation Type in [javax.annotation](http://docs.google.com/javax/annotation/package-summary.html)The Resource annotation marks a resource that is needed by the application.[**Resource.AuthenticationType**](http://docs.google.com/javax/annotation/Resource.AuthenticationType.html) - Enum in [javax.annotation](http://docs.google.com/javax/annotation/package-summary.html)The two possible authentication types for a resource.[**ResourceBundle**](http://docs.google.com/java/util/ResourceBundle.html) - Class in [java.util](http://docs.google.com/java/util/package-summary.html)Resource bundles contain locale-specific objects.[**ResourceBundle()**](http://docs.google.com/java/util/ResourceBundle.html#ResourceBundle()) - Constructor for class java.util.[ResourceBundle](http://docs.google.com/java/util/ResourceBundle.html) Sole constructor. [**ResourceBundle.Control**](http://docs.google.com/java/util/ResourceBundle.Control.html) - Class in [java.util](http://docs.google.com/java/util/package-summary.html)ResourceBundle.Control defines a set of callback methods that are invoked by the [ResourceBundle.getBundle](http://docs.google.com/java/util/ResourceBundle.html#getBundle(java.lang.String,%20java.util.Locale,%20java.lang.ClassLoader,%20java.util.ResourceBundle.Control)) factory methods during the bundle loading process.[**ResourceBundle.Control()**](http://docs.google.com/java/util/ResourceBundle.Control.html#ResourceBundle.Control()) - Constructor for class java.util.[ResourceBundle.Control](http://docs.google.com/java/util/ResourceBundle.Control.html) Sole constructor. [**Resources**](http://docs.google.com/javax/annotation/Resources.html) - Annotation Type in [javax.annotation](http://docs.google.com/javax/annotation/package-summary.html)This class is used to allow multiple resources declarations.[**RESOURCES\_ARE\_NOT\_READY**](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html#RESOURCES_ARE_NOT_READY) - Static variable in class javax.print.attribute.standard.[JobStateReason](http://docs.google.com/javax/print/attribute/standard/JobStateReason.html) At least one of the resources needed by the job, such as media, fonts, resource objects, etc., is not ready on any of the physical printers for which the job is a candidate. [**Response**](http://docs.google.com/javax/xml/ws/Response.html)<[T](http://docs.google.com/javax/xml/ws/Response.html)> - Interface in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html)The Response interface provides methods used to obtain the payload and context of a message sent in response to an operation invocation.[**response\_expected()**](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#response_expected()) - Method in interface org.omg.PortableInterceptor.[RequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html) Indicates whether a response is expected. [**ResponseCache**](http://docs.google.com/java/net/ResponseCache.html) - Class in [java.net](http://docs.google.com/java/net/package-summary.html)Represents implementations of URLConnection caches.[**ResponseCache()**](http://docs.google.com/java/net/ResponseCache.html#ResponseCache()) - Constructor for class java.net.[ResponseCache](http://docs.google.com/java/net/ResponseCache.html)   [**responseCode()**](http://docs.google.com/java/net/HttpRetryException.html#responseCode()) - Method in exception java.net.[HttpRetryException](http://docs.google.com/java/net/HttpRetryException.html) Returns the http response code [**responseCode**](http://docs.google.com/java/net/HttpURLConnection.html#responseCode) - Variable in class java.net.[HttpURLConnection](http://docs.google.com/java/net/HttpURLConnection.html) An int representing the three digit HTTP Status-Code. [**ResponseHandler**](http://docs.google.com/org/omg/CORBA/portable/ResponseHandler.html) - Interface in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html)This interface is supplied by an ORB to a servant at invocation time and allows the servant to later retrieve an OutputStream for returning the invocation results.[**responseMessage**](http://docs.google.com/java/net/HttpURLConnection.html#responseMessage) - Variable in class java.net.[HttpURLConnection](http://docs.google.com/java/net/HttpURLConnection.html) The HTTP response message. [**ResponseWrapper**](http://docs.google.com/javax/xml/ws/ResponseWrapper.html) - Annotation Type in [javax.xml.ws](http://docs.google.com/javax/xml/ws/package-summary.html)Used to annotate methods in the Service Endpoint Interface with the response wrapper bean to be used at runtime.[**rest\_of\_name**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html#rest_of_name) - Variable in exception org.omg.CosNaming.NamingContextPackage.[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html)   [**rest\_of\_name**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html#rest_of_name) - Variable in exception org.omg.CosNaming.NamingContextPackage.[NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html)   [**restart()**](http://docs.google.com/javax/swing/Timer.html#restart()) - Method in class javax.swing.[Timer](http://docs.google.com/javax/swing/Timer.html) Restarts the Timer, canceling any pending firings and causing it to fire with its initial delay. [**RESTORE\_CMD**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#RESTORE_CMD) - Static variable in class javax.swing.plaf.basic.[BasicInternalFrameTitlePane](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html)   [**restoreAction**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html#restoreAction) - Variable in class javax.swing.plaf.basic.[BasicInternalFrameTitlePane](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameTitlePane.html)   [**restoreOriginal()**](http://docs.google.com/javax/sql/rowset/CachedRowSet.html#restoreOriginal()) - Method in interface javax.sql.rowset.[CachedRowSet](http://docs.google.com/javax/sql/rowset/CachedRowSet.html) Restores this CachedRowSet object to its original value, that is, its value before the last set of changes. [**restoreState(Hashtable<?, ?>)**](http://docs.google.com/javax/swing/undo/StateEditable.html#restoreState(java.util.Hashtable)) - Method in interface javax.swing.undo.[StateEditable](http://docs.google.com/javax/swing/undo/StateEditable.html) Upon receiving this message the receiver should extract any relevant state out of *state*. [**restoreSubcomponentFocus()**](http://docs.google.com/javax/swing/JInternalFrame.html#restoreSubcomponentFocus()) - Method in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Requests the internal frame to restore focus to the last subcomponent that had focus. [**Result**](http://docs.google.com/javax/xml/transform/Result.html) - Interface in [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html)An object that implements this interface contains the information needed to build a transformation result tree.[**result()**](http://docs.google.com/org/omg/CORBA/Request.html#result()) - Method in class org.omg.CORBA.[Request](http://docs.google.com/org/omg/CORBA/Request.html) Retrieves the NamedValue object containing the return value for the method. [**result(Any)**](http://docs.google.com/org/omg/CORBA/ServerRequest.html#result(org.omg.CORBA.Any)) - Method in class org.omg.CORBA.[ServerRequest](http://docs.google.com/org/omg/CORBA/ServerRequest.html) **Deprecated.** *use the method set\_result* [**result()**](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html#result()) - Method in interface org.omg.PortableInterceptor.[RequestInfoOperations](http://docs.google.com/org/omg/PortableInterceptor/RequestInfoOperations.html) Returns an any containing the result of the operation invocation. [**ResultSet**](http://docs.google.com/java/sql/ResultSet.html) - Interface in [java.sql](http://docs.google.com/java/sql/package-summary.html)A table of data representing a database result set, which is usually generated by executing a statement that queries the database.[**ResultSetMetaData**](http://docs.google.com/java/sql/ResultSetMetaData.html) - Interface in [java.sql](http://docs.google.com/java/sql/package-summary.html)An object that can be used to get information about the types and properties of the columns in a ResultSet object.[**resume()**](http://docs.google.com/java/lang/Thread.html#resume()) - Method in class java.lang.[Thread](http://docs.google.com/java/lang/Thread.html) **Deprecated.** *This method exists solely for use with* [*Thread.suspend()*](http://docs.google.com/java/lang/Thread.html#suspend())*, which has been deprecated because it is deadlock-prone. For more information, see* [*Why are Thread.stop, Thread.suspend and Thread.resume Deprecated?*](http://docs.google.com/technotes/guides/concurrency/threadPrimitiveDeprecation.html)*.* [**resume()**](http://docs.google.com/java/lang/ThreadGroup.html#resume()) - Method in class java.lang.[ThreadGroup](http://docs.google.com/java/lang/ThreadGroup.html) **Deprecated.** *This method is used solely in conjunction with Thread.suspend and ThreadGroup.suspend, both of which have been deprecated, as they are inherently deadlock-prone. See* [*Thread.suspend()*](http://docs.google.com/java/lang/Thread.html#suspend()) *for details.* [**RETAIN**](http://docs.google.com/org/omg/PortableServer/ServantRetentionPolicyValue.html#RETAIN) - Static variable in class org.omg.PortableServer.[ServantRetentionPolicyValue](http://docs.google.com/org/omg/PortableServer/ServantRetentionPolicyValue.html)   [**retainAll(Collection)**](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html#retainAll(java.util.Collection)) - Method in class java.beans.beancontext.[BeanContextSupport](http://docs.google.com/java/beans/beancontext/BeanContextSupport.html) retain only specified children (Unsupported) implementations must synchronized on the hierarchy lock and "children" protected field [**retainAll(Collection<?>)**](http://docs.google.com/java/util/AbstractCollection.html#retainAll(java.util.Collection)) - Method in class java.util.[AbstractCollection](http://docs.google.com/java/util/AbstractCollection.html) Retains only the elements in this collection that are contained in the specified collection (optional operation). [**retainAll(Collection<?>)**](http://docs.google.com/java/util/Collection.html#retainAll(java.util.Collection)) - Method in interface java.util.[Collection](http://docs.google.com/java/util/Collection.html) Retains only the elements in this collection that are contained in the specified collection (optional operation). [**retainAll(Collection<?>)**](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html#retainAll(java.util.Collection)) - Method in class java.util.concurrent.[CopyOnWriteArrayList](http://docs.google.com/java/util/concurrent/CopyOnWriteArrayList.html) Retains only the elements in this list that are contained in the specified collection. [**retainAll(Collection<?>)**](http://docs.google.com/java/util/concurrent/CopyOnWriteArraySet.html#retainAll(java.util.Collection)) - Method in class java.util.concurrent.[CopyOnWriteArraySet](http://docs.google.com/java/util/concurrent/CopyOnWriteArraySet.html) Retains only the elements in this set that are contained in the specified collection. [**retainAll(Collection<?>)**](http://docs.google.com/java/util/concurrent/SynchronousQueue.html#retainAll(java.util.Collection)) - Method in class java.util.concurrent.[SynchronousQueue](http://docs.google.com/java/util/concurrent/SynchronousQueue.html) Always returns false. [**retainAll(Collection<?>)**](http://docs.google.com/java/util/List.html#retainAll(java.util.Collection)) - Method in interface java.util.[List](http://docs.google.com/java/util/List.html) Retains only the elements in this list that are contained in the specified collection (optional operation). [**retainAll(Collection<?>)**](http://docs.google.com/java/util/Set.html#retainAll(java.util.Collection)) - Method in interface java.util.[Set](http://docs.google.com/java/util/Set.html) Retains only the elements in this set that are contained in the specified collection (optional operation). [**retainAll(Collection<?>)**](http://docs.google.com/java/util/Vector.html#retainAll(java.util.Collection)) - Method in class java.util.[Vector](http://docs.google.com/java/util/Vector.html) Retains only the elements in this Vector that are contained in the specified Collection. [**Retention**](http://docs.google.com/java/lang/annotation/Retention.html) - Annotation Type in [java.lang.annotation](http://docs.google.com/java/lang/annotation/package-summary.html)Indicates how long annotations with the annotated type are to be retained.[**RetentionPolicy**](http://docs.google.com/java/lang/annotation/RetentionPolicy.html) - Enum in [java.lang.annotation](http://docs.google.com/java/lang/annotation/package-summary.html)Annotation retention policy.[**retransformClasses(Class<?>...)**](http://docs.google.com/java/lang/instrument/Instrumentation.html#retransformClasses(java.lang.Class...)) - Method in interface java.lang.instrument.[Instrumentation](http://docs.google.com/java/lang/instrument/Instrumentation.html) Retransform the supplied set of classes. [**RetrievalMethod**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/RetrievalMethod.html) - Interface in [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html)A representation of the XML RetrievalMethod element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/).[**retrieveAllRoles()**](http://docs.google.com/javax/management/relation/Relation.html#retrieveAllRoles()) - Method in interface javax.management.relation.[Relation](http://docs.google.com/javax/management/relation/Relation.html) Returns all roles in the relation without checking read mode. [**retrieveAllRoles()**](http://docs.google.com/javax/management/relation/RelationSupport.html#retrieveAllRoles()) - Method in class javax.management.relation.[RelationSupport](http://docs.google.com/javax/management/relation/RelationSupport.html) Returns all roles in the relation without checking read mode. [**retryReferral()**](http://docs.google.com/javax/naming/ReferralException.html#retryReferral()) - Method in exception javax.naming.[ReferralException](http://docs.google.com/javax/naming/ReferralException.html) Retries the referral currently being processed. [**RETURN\_GENERATED\_KEYS**](http://docs.google.com/java/sql/Statement.html#RETURN_GENERATED_KEYS) - Static variable in interface java.sql.[Statement](http://docs.google.com/java/sql/Statement.html) The constant indicating that generated keys should be made available for retrieval. [**return\_value()**](http://docs.google.com/org/omg/CORBA/Request.html#return_value()) - Method in class org.omg.CORBA.[Request](http://docs.google.com/org/omg/CORBA/Request.html) Returns the Any object that contains the value for the result of the method. [**REUSE**](http://docs.google.com/javax/security/sasl/Sasl.html#REUSE) - Static variable in class javax.security.sasl.[Sasl](http://docs.google.com/javax/security/sasl/Sasl.html) The name of a property that specifies whether to reuse previously authenticated session information. [**REV**](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html#REV) - Static variable in class javax.swing.text.html.[HTML.Attribute](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html)   [**revalidate()**](http://docs.google.com/java/awt/Component.BltBufferStrategy.html#revalidate()) - Method in class java.awt.[Component.BltBufferStrategy](http://docs.google.com/java/awt/Component.BltBufferStrategy.html) Restore the drawing buffer if it has been lost [**revalidate()**](http://docs.google.com/java/awt/Component.FlipBufferStrategy.html#revalidate()) - Method in class java.awt.[Component.FlipBufferStrategy](http://docs.google.com/java/awt/Component.FlipBufferStrategy.html) Restore the drawing buffer if it has been lost [**revalidate()**](http://docs.google.com/javax/swing/DefaultListCellRenderer.html#revalidate()) - Method in class javax.swing.[DefaultListCellRenderer](http://docs.google.com/javax/swing/DefaultListCellRenderer.html) Overridden for performance reasons. [**revalidate()**](http://docs.google.com/javax/swing/JComponent.html#revalidate()) - Method in class javax.swing.[JComponent](http://docs.google.com/javax/swing/JComponent.html) Supports deferred automatic layout. [**revalidate()**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html#revalidate()) - Method in class javax.swing.table.[DefaultTableCellRenderer](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html) Overridden for performance reasons. [**revalidate()**](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html#revalidate()) - Method in class javax.swing.tree.[DefaultTreeCellRenderer](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html) Overridden for performance reasons. [**REVERB**](http://docs.google.com/javax/sound/sampled/EnumControl.Type.html#REVERB) - Static variable in class javax.sound.sampled.[EnumControl.Type](http://docs.google.com/javax/sound/sampled/EnumControl.Type.html) Represents a control over a set of possible reverberation settings. [**REVERB\_RETURN**](http://docs.google.com/javax/sound/sampled/FloatControl.Type.html#REVERB_RETURN) - Static variable in class javax.sound.sampled.[FloatControl.Type](http://docs.google.com/javax/sound/sampled/FloatControl.Type.html) Represents a control for the post-reverb gain on a line. [**REVERB\_SEND**](http://docs.google.com/javax/sound/sampled/FloatControl.Type.html#REVERB_SEND) - Static variable in class javax.sound.sampled.[FloatControl.Type](http://docs.google.com/javax/sound/sampled/FloatControl.Type.html) Represents a control for the pre-reverb gain on a line. [**ReverbType**](http://docs.google.com/javax/sound/sampled/ReverbType.html) - Class in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html)The ReverbType class provides methods for accessing various reverberation settings to be applied to an audio signal.[**ReverbType(String, int, float, int, float, int)**](http://docs.google.com/javax/sound/sampled/ReverbType.html#ReverbType(java.lang.String,%20int,%20float,%20int,%20float,%20int)) - Constructor for class javax.sound.sampled.[ReverbType](http://docs.google.com/javax/sound/sampled/ReverbType.html) Constructs a new reverb type that has the specified reverberation parameter values. [**reverse(int)**](http://docs.google.com/java/lang/Integer.html#reverse(int)) - Static method in class java.lang.[Integer](http://docs.google.com/java/lang/Integer.html) Returns the value obtained by reversing the order of the bits in the two's complement binary representation of the specified int value. [**reverse(long)**](http://docs.google.com/java/lang/Long.html#reverse(long)) - Static method in class java.lang.[Long](http://docs.google.com/java/lang/Long.html) Returns the value obtained by reversing the order of the bits in the two's complement binary representation of the specified long value. [**reverse()**](http://docs.google.com/java/lang/StringBuffer.html#reverse()) - Method in class java.lang.[StringBuffer](http://docs.google.com/java/lang/StringBuffer.html)   [**reverse()**](http://docs.google.com/java/lang/StringBuilder.html#reverse()) - Method in class java.lang.[StringBuilder](http://docs.google.com/java/lang/StringBuilder.html)   [**reverse(List<?>)**](http://docs.google.com/java/util/Collections.html#reverse(java.util.List)) - Static method in class java.util.[Collections](http://docs.google.com/java/util/Collections.html) Reverses the order of the elements in the specified list. [**REVERSE\_LANDSCAPE**](http://docs.google.com/java/awt/print/PageFormat.html#REVERSE_LANDSCAPE) - Static variable in class java.awt.print.[PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) The origin is at the top right of the paper with x running top to bottom and y running right to left. [**REVERSE\_LANDSCAPE**](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html#REVERSE_LANDSCAPE) - Static variable in class javax.print.attribute.standard.[OrientationRequested](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html) The content will be imaged across the long edge of the medium, but in the opposite manner from landscape. [**REVERSE\_PORTRAIT**](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html#REVERSE_PORTRAIT) - Static variable in class javax.print.attribute.standard.[OrientationRequested](http://docs.google.com/javax/print/attribute/standard/OrientationRequested.html) The content will be imaged across the short edge of the medium, but in the opposite manner from portrait. [**reverseBytes(char)**](http://docs.google.com/java/lang/Character.html#reverseBytes(char)) - Static method in class java.lang.[Character](http://docs.google.com/java/lang/Character.html) Returns the value obtained by reversing the order of the bytes in the specified char value. [**reverseBytes(int)**](http://docs.google.com/java/lang/Integer.html#reverseBytes(int)) - Static method in class java.lang.[Integer](http://docs.google.com/java/lang/Integer.html) Returns the value obtained by reversing the order of the bytes in the two's complement representation of the specified int value. [**reverseBytes(long)**](http://docs.google.com/java/lang/Long.html#reverseBytes(long)) - Static method in class java.lang.[Long](http://docs.google.com/java/lang/Long.html) Returns the value obtained by reversing the order of the bytes in the two's complement representation of the specified long value. [**reverseBytes(short)**](http://docs.google.com/java/lang/Short.html#reverseBytes(short)) - Static method in class java.lang.[Short](http://docs.google.com/java/lang/Short.html) Returns the value obtained by reversing the order of the bytes in the two's complement representation of the specified short value. [**reverseOrder()**](http://docs.google.com/java/util/Collections.html#reverseOrder()) - Static method in class java.util.[Collections](http://docs.google.com/java/util/Collections.html) Returns a comparator that imposes the reverse of the *natural ordering* on a collection of objects that implement the Comparable interface. [**reverseOrder(Comparator<T>)**](http://docs.google.com/java/util/Collections.html#reverseOrder(java.util.Comparator)) - Static method in class java.util.[Collections](http://docs.google.com/java/util/Collections.html) Returns a comparator that imposes the reverse ordering of the specified comparator. [**REVERT**](http://docs.google.com/javax/swing/JFormattedTextField.html#REVERT) - Static variable in class javax.swing.[JFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.html) Constant identifying that when focus is lost, editing value should be reverted to current value set on the JFormattedTextField. [**revokeService(Class, BeanContextServiceProvider, boolean)**](http://docs.google.com/java/beans/beancontext/BeanContextServices.html#revokeService(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider,%20boolean)) - Method in interface java.beans.beancontext.[BeanContextServices](http://docs.google.com/java/beans/beancontext/BeanContextServices.html) BeanContextServiceProviders wishing to remove a currently registered service from this context may do so via invocation of this method. [**revokeService(Class, BeanContextServiceProvider, boolean)**](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html#revokeService(java.lang.Class,%20java.beans.beancontext.BeanContextServiceProvider,%20boolean)) - Method in class java.beans.beancontext.[BeanContextServicesSupport](http://docs.google.com/java/beans/beancontext/BeanContextServicesSupport.html) remove a service [**rewind()**](http://docs.google.com/java/nio/Buffer.html#rewind()) - Method in class java.nio.[Buffer](http://docs.google.com/java/nio/Buffer.html) Rewinds this buffer. [**rewind()**](http://docs.google.com/org/omg/CORBA/DynAny.html#rewind()) - Method in interface org.omg.CORBA.[DynAny](http://docs.google.com/org/omg/CORBA/DynAny.html) **Deprecated.** Moves the internal pointer to the first component. [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynAnyStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynAnyStub](http://docs.google.com/org/omg/DynamicAny/_DynAnyStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynArrayStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynArrayStub](http://docs.google.com/org/omg/DynamicAny/_DynArrayStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynEnumStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynEnumStub](http://docs.google.com/org/omg/DynamicAny/_DynEnumStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynFixedStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynFixedStub](http://docs.google.com/org/omg/DynamicAny/_DynFixedStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynSequenceStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynSequenceStub](http://docs.google.com/org/omg/DynamicAny/_DynSequenceStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynStructStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynStructStub](http://docs.google.com/org/omg/DynamicAny/_DynStructStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynUnionStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynUnionStub](http://docs.google.com/org/omg/DynamicAny/_DynUnionStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/_DynValueStub.html#rewind()) - Method in class org.omg.DynamicAny.[\_DynValueStub](http://docs.google.com/org/omg/DynamicAny/_DynValueStub.html) Is equivalent to seek(0). [**rewind()**](http://docs.google.com/org/omg/DynamicAny/DynAnyOperations.html#rewind()) - Method in interface org.omg.DynamicAny.[DynAnyOperations](http://docs.google.com/org/omg/DynamicAny/DynAnyOperations.html) Is equivalent to seek(0). [**RFC1779**](http://docs.google.com/javax/security/auth/x500/X500Principal.html#RFC1779) - Static variable in class javax.security.auth.x500.[X500Principal](http://docs.google.com/javax/security/auth/x500/X500Principal.html) RFC 1779 String format of Distinguished Names. [**RFC2253**](http://docs.google.com/javax/security/auth/x500/X500Principal.html#RFC2253) - Static variable in class javax.security.auth.x500.[X500Principal](http://docs.google.com/javax/security/auth/x500/X500Principal.html) RFC 2253 String format of Distinguished Names. [**RGBImageFilter**](http://docs.google.com/java/awt/image/RGBImageFilter.html) - Class in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html)This class provides an easy way to create an ImageFilter which modifies the pixels of an image in the default RGB ColorModel.[**RGBImageFilter()**](http://docs.google.com/java/awt/image/RGBImageFilter.html#RGBImageFilter()) - Constructor for class java.awt.image.[RGBImageFilter](http://docs.google.com/java/awt/image/RGBImageFilter.html)   [**RGBtoHSB(int, int, int, float[])**](http://docs.google.com/java/awt/Color.html#RGBtoHSB(int,%20int,%20int,%20float%5B%5D)) - Static method in class java.awt.[Color](http://docs.google.com/java/awt/Color.html) Converts the components of a color, as specified by the default RGB model, to an equivalent set of values for hue, saturation, and brightness that are the three components of the HSB model. [**RIGHT**](http://docs.google.com/java/awt/Event.html#RIGHT) - Static variable in class java.awt.[Event](http://docs.google.com/java/awt/Event.html) The Right Arrow key, a non-ASCII action key. [**RIGHT**](http://docs.google.com/java/awt/FlowLayout.html#RIGHT) - Static variable in class java.awt.[FlowLayout](http://docs.google.com/java/awt/FlowLayout.html) This value indicates that each row of components should be right-justified. [**right**](http://docs.google.com/java/awt/Insets.html#right) - Variable in class java.awt.[Insets](http://docs.google.com/java/awt/Insets.html) The inset from the right. [**RIGHT**](http://docs.google.com/java/awt/Label.html#RIGHT) - Static variable in class java.awt.[Label](http://docs.google.com/java/awt/Label.html) Indicates that the label should be right justified. [**right**](http://docs.google.com/javax/swing/border/EmptyBorder.html#right) - Variable in class javax.swing.border.[EmptyBorder](http://docs.google.com/javax/swing/border/EmptyBorder.html)   [**RIGHT**](http://docs.google.com/javax/swing/border/TitledBorder.html#RIGHT) - Static variable in class javax.swing.border.[TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) Position title text at the right side of the border line. [**RIGHT**](http://docs.google.com/javax/swing/JSplitPane.html#RIGHT) - Static variable in class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) Used to add a Component to the right of the other Component. [**RIGHT**](http://docs.google.com/javax/swing/SwingConstants.html#RIGHT) - Static variable in interface javax.swing.[SwingConstants](http://docs.google.com/javax/swing/SwingConstants.html) Box-orientation constant used to specify the right side of a box. [**RIGHT\_ALIGNMENT**](http://docs.google.com/java/awt/Component.html#RIGHT_ALIGNMENT) - Static variable in class java.awt.[Component](http://docs.google.com/java/awt/Component.html) Ease-of-use constant for getAlignmentX. [**RIGHT\_OUTER\_JOIN**](http://docs.google.com/javax/sql/rowset/JoinRowSet.html#RIGHT_OUTER_JOIN) - Static variable in interface javax.sql.rowset.[JoinRowSet](http://docs.google.com/javax/sql/rowset/JoinRowSet.html) An ANSI-style JOIN providing a right outer join between two tables. [**RIGHT\_TO\_LEFT**](http://docs.google.com/java/awt/ComponentOrientation.html#RIGHT_TO_LEFT) - Static variable in class java.awt.[ComponentOrientation](http://docs.google.com/java/awt/ComponentOrientation.html) Items run right to left and lines flow top to bottom Examples: Arabic, Hebrew. [**rightButton**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.html#rightButton) - Variable in class javax.swing.plaf.basic.[BasicSplitPaneDivider](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.html) Button for quickly toggling the right component. [**rightChildIndent**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#rightChildIndent) - Variable in class javax.swing.plaf.basic.[BasicTreeUI](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html) Distance to add to leftChildIndent to determine where cell contents will be drawn. [**rightComponent**](http://docs.google.com/javax/swing/JSplitPane.html#rightComponent) - Variable in class javax.swing.[JSplitPane](http://docs.google.com/javax/swing/JSplitPane.html) The right or bottom component. [**RightIndent**](http://docs.google.com/javax/swing/text/StyleConstants.html#RightIndent) - Static variable in class javax.swing.text.[StyleConstants](http://docs.google.com/javax/swing/text/StyleConstants.html) The amount to indent the right side of the paragraph. [**rightKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#rightKey) - Variable in class javax.swing.plaf.basic.[BasicSplitPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html) **Deprecated.** *As of Java 2 platform v1.3.* [**rightKey**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#rightKey) - Variable in class javax.swing.plaf.basic.[BasicTabbedPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html) **Deprecated.** *As of Java 2 platform v1.3.* [**rightKey**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#rightKey) - Variable in class javax.swing.plaf.basic.[BasicToolBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html) **Deprecated.** *As of Java 2 platform v1.3.* [**rint(double)**](http://docs.google.com/java/lang/Math.html#rint(double)) - Static method in class java.lang.[Math](http://docs.google.com/java/lang/Math.html) Returns the double value that is closest in value to the argument and is equal to a mathematical integer. [**rint(double)**](http://docs.google.com/java/lang/StrictMath.html#rint(double)) - Static method in class java.lang.[StrictMath](http://docs.google.com/java/lang/StrictMath.html) Returns the double value that is closest in value to the argument and is equal to a mathematical integer. [**RIPEMD160**](http://docs.google.com/javax/xml/crypto/dsig/DigestMethod.html#RIPEMD160) - Static variable in interface javax.xml.crypto.dsig.[DigestMethod](http://docs.google.com/javax/xml/crypto/dsig/DigestMethod.html) The  [RIPEMD-160](http://www.w3.org/2001/04/xmlenc#ripemd160) digest method algorithm URI. [**RMI\_CLIENT\_SOCKET\_FACTORY\_ATTRIBUTE**](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html#RMI_CLIENT_SOCKET_FACTORY_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 the [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) for the RMI objects created in conjunction with this connector. [**RMI\_SERVER\_SOCKET\_FACTORY\_ATTRIBUTE**](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html#RMI_SERVER_SOCKET_FACTORY_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 the [RMIServerSocketFactory](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) for the RMI objects created in conjunction with this connector. [**RMIClassLoader**](http://docs.google.com/java/rmi/server/RMIClassLoader.html) - Class in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)RMIClassLoader comprises static methods to support dynamic class loading with RMI.[**RMIClassLoaderSpi**](http://docs.google.com/java/rmi/server/RMIClassLoaderSpi.html) - Class in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)RMIClassLoaderSpi is the service provider interface for RMIClassLoader.[**RMIClassLoaderSpi()**](http://docs.google.com/java/rmi/server/RMIClassLoaderSpi.html#RMIClassLoaderSpi()) - Constructor for class java.rmi.server.[RMIClassLoaderSpi](http://docs.google.com/java/rmi/server/RMIClassLoaderSpi.html)   [**RMIClientSocketFactory**](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) - Interface in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)An RMIClientSocketFactory instance is used by the RMI runtime in order to obtain client sockets for RMI calls.[**RMIConnection**](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html) - Interface in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)RMI object used to forward an MBeanServer request from a client to its MBeanServer implementation on the server side.[**RMIConnectionImpl**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)Implementation of the [RMIConnection](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html) interface.[**RMIConnectionImpl(RMIServerImpl, String, ClassLoader, Subject, Map<String, ?>)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html#RMIConnectionImpl(javax.management.remote.rmi.RMIServerImpl,%20java.lang.String,%20java.lang.ClassLoader,%20javax.security.auth.Subject,%20java.util.Map)) - Constructor for class javax.management.remote.rmi.[RMIConnectionImpl](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl.html) Constructs a new [RMIConnection](http://docs.google.com/javax/management/remote/rmi/RMIConnection.html). [**RMIConnectionImpl\_Stub**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html) [**RMIConnectionImpl\_Stub(RemoteRef)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html#RMIConnectionImpl_Stub(java.rmi.server.RemoteRef)) - Constructor for class javax.management.remote.rmi.[RMIConnectionImpl\_Stub](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html)   [**RMIConnector**](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)A connection to a remote RMI connector.[**RMIConnector(JMXServiceURL, Map<String, ?>)**](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html#RMIConnector(javax.management.remote.JMXServiceURL,%20java.util.Map)) - Constructor for class javax.management.remote.rmi.[RMIConnector](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html) Constructs an RMIConnector that will connect the RMI connector server with the given address. [**RMIConnector(RMIServer, Map<String, ?>)**](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html#RMIConnector(javax.management.remote.rmi.RMIServer,%20java.util.Map)) - Constructor for class javax.management.remote.rmi.[RMIConnector](http://docs.google.com/javax/management/remote/rmi/RMIConnector.html) Constructs an RMIConnector using the given RMI stub. [**RMIConnectorServer**](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)A JMX API connector server that creates RMI-based connections from remote clients.[**RMIConnectorServer(JMXServiceURL, Map<String, ?>)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html#RMIConnectorServer(javax.management.remote.JMXServiceURL,%20java.util.Map)) - Constructor for class javax.management.remote.rmi.[RMIConnectorServer](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html) Makes an RMIConnectorServer. [**RMIConnectorServer(JMXServiceURL, Map<String, ?>, MBeanServer)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html#RMIConnectorServer(javax.management.remote.JMXServiceURL,%20java.util.Map,%20javax.management.MBeanServer)) - Constructor for class javax.management.remote.rmi.[RMIConnectorServer](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html) Makes an RMIConnectorServer for the given MBean server. [**RMIConnectorServer(JMXServiceURL, Map<String, ?>, RMIServerImpl, MBeanServer)**](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html#RMIConnectorServer(javax.management.remote.JMXServiceURL,%20java.util.Map,%20javax.management.remote.rmi.RMIServerImpl,%20javax.management.MBeanServer)) - Constructor for class javax.management.remote.rmi.[RMIConnectorServer](http://docs.google.com/javax/management/remote/rmi/RMIConnectorServer.html) Makes an RMIConnectorServer for the given MBean server. [**RMICustomMaxStreamFormat**](http://docs.google.com/org/omg/IOP/RMICustomMaxStreamFormat.html) - Interface in [org.omg.IOP](http://docs.google.com/org/omg/IOP/package-summary.html)org/omg/IOP/RMICustomMaxStreamFormat.java .[**RMIFailureHandler**](http://docs.google.com/java/rmi/server/RMIFailureHandler.html) - Interface in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)An RMIFailureHandler can be registered via the RMISocketFactory.setFailureHandler call.[**RMIIIOPServerImpl**](http://docs.google.com/javax/management/remote/rmi/RMIIIOPServerImpl.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)An [RMIServerImpl](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl.html) that is exported through IIOP and that creates client connections as RMI objects exported through IIOP.[**RMIIIOPServerImpl(Map<String, ?>)**](http://docs.google.com/javax/management/remote/rmi/RMIIIOPServerImpl.html#RMIIIOPServerImpl(java.util.Map)) - Constructor for class javax.management.remote.rmi.[RMIIIOPServerImpl](http://docs.google.com/javax/management/remote/rmi/RMIIIOPServerImpl.html) Creates a new [RMIServerImpl](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl.html). [**RMIJRMPServerImpl**](http://docs.google.com/javax/management/remote/rmi/RMIJRMPServerImpl.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)An [RMIServer](http://docs.google.com/javax/management/remote/rmi/RMIServer.html) object that is exported through JRMP and that creates client connections as RMI objects exported through JRMP.[**RMIJRMPServerImpl(int, RMIClientSocketFactory, RMIServerSocketFactory, Map<String, ?>)**](http://docs.google.com/javax/management/remote/rmi/RMIJRMPServerImpl.html#RMIJRMPServerImpl(int,%20java.rmi.server.RMIClientSocketFactory,%20java.rmi.server.RMIServerSocketFactory,%20java.util.Map)) - Constructor for class javax.management.remote.rmi.[RMIJRMPServerImpl](http://docs.google.com/javax/management/remote/rmi/RMIJRMPServerImpl.html) Creates a new [RMIServer](http://docs.google.com/javax/management/remote/rmi/RMIServer.html) object that will be exported on the given port using the given socket factories. [**RMISecurityException**](http://docs.google.com/java/rmi/RMISecurityException.html) - Exception in [java.rmi](http://docs.google.com/java/rmi/package-summary.html)**Deprecated.** *Use* [*SecurityException*](http://docs.google.com/java/lang/SecurityException.html) *instead. Application code should never directly reference this class, and RMISecurityManager no longer throws this subclass of java.lang.SecurityException.*[**RMISecurityException(String)**](http://docs.google.com/java/rmi/RMISecurityException.html#RMISecurityException(java.lang.String)) - Constructor for exception java.rmi.[RMISecurityException](http://docs.google.com/java/rmi/RMISecurityException.html) **Deprecated.** *no replacement* [**RMISecurityException(String, String)**](http://docs.google.com/java/rmi/RMISecurityException.html#RMISecurityException(java.lang.String,%20java.lang.String)) - Constructor for exception java.rmi.[RMISecurityException](http://docs.google.com/java/rmi/RMISecurityException.html) **Deprecated.** *no replacement* [**RMISecurityManager**](http://docs.google.com/java/rmi/RMISecurityManager.html) - Class in [java.rmi](http://docs.google.com/java/rmi/package-summary.html)A subclass of [SecurityManager](http://docs.google.com/java/lang/SecurityManager.html) used by RMI applications that use downloaded code.[**RMISecurityManager()**](http://docs.google.com/java/rmi/RMISecurityManager.html#RMISecurityManager()) - Constructor for class java.rmi.[RMISecurityManager](http://docs.google.com/java/rmi/RMISecurityManager.html) Constructs a new RMISecurityManager. [**RMIServer**](http://docs.google.com/javax/management/remote/rmi/RMIServer.html) - Interface in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)RMI object used to establish connections to an RMI connector.[**RMIServerImpl**](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html)An RMI object representing a connector server.[**RMIServerImpl(Map<String, ?>)**](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl.html#RMIServerImpl(java.util.Map)) - Constructor for class javax.management.remote.rmi.[RMIServerImpl](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl.html) Constructs a new RMIServerImpl. [**RMIServerImpl\_Stub**](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl_Stub.html) - Class in [javax.management.remote.rmi](http://docs.google.com/javax/management/remote/rmi/package-summary.html) [**RMIServerImpl\_Stub(RemoteRef)**](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl_Stub.html#RMIServerImpl_Stub(java.rmi.server.RemoteRef)) - Constructor for class javax.management.remote.rmi.[RMIServerImpl\_Stub](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl_Stub.html)   [**RMIServerSocketFactory**](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) - Interface in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)An RMIServerSocketFactory instance is used by the RMI runtime in order to obtain server sockets for RMI calls.[**RMISocketFactory**](http://docs.google.com/java/rmi/server/RMISocketFactory.html) - Class in [java.rmi.server](http://docs.google.com/java/rmi/server/package-summary.html)An RMISocketFactory instance is used by the RMI runtime in order to obtain client and server sockets for RMI calls.[**RMISocketFactory()**](http://docs.google.com/java/rmi/server/RMISocketFactory.html#RMISocketFactory()) - Constructor for class java.rmi.server.[RMISocketFactory](http://docs.google.com/java/rmi/server/RMISocketFactory.html) Constructs an RMISocketFactory. [**Robot**](http://docs.google.com/java/awt/Robot.html) - Class in [java.awt](http://docs.google.com/java/awt/package-summary.html)This class is used to generate native system input events for the purposes of test automation, self-running demos, and other applications where control of the mouse and keyboard is needed.[**Robot()**](http://docs.google.com/java/awt/Robot.html#Robot()) - Constructor for class java.awt.[Robot](http://docs.google.com/java/awt/Robot.html) Constructs a Robot object in the coordinate system of the primary screen. [**Robot(GraphicsDevice)**](http://docs.google.com/java/awt/Robot.html#Robot(java.awt.GraphicsDevice)) - Constructor for class java.awt.[Robot](http://docs.google.com/java/awt/Robot.html) Creates a Robot for the given screen device. [**Role**](http://docs.google.com/javax/management/relation/Role.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)Represents a role: includes a role name and referenced MBeans (via their ObjectNames).[**Role(String, List<ObjectName>)**](http://docs.google.com/javax/management/relation/Role.html#Role(java.lang.String,%20java.util.List)) - Constructor for class javax.management.relation.[Role](http://docs.google.com/javax/management/relation/Role.html) Make a new Role object. [**ROLE\_CARDINALITY\_INFINITY**](http://docs.google.com/javax/management/relation/RoleInfo.html#ROLE_CARDINALITY_INFINITY) - Static variable in class javax.management.relation.[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html) To specify an unlimited cardinality. [**ROLE\_NOT\_READABLE**](http://docs.google.com/javax/management/relation/RoleStatus.html#ROLE_NOT_READABLE) - Static variable in class javax.management.relation.[RoleStatus](http://docs.google.com/javax/management/relation/RoleStatus.html) Problem type when trying to read a non-readable attribute. [**ROLE\_NOT\_WRITABLE**](http://docs.google.com/javax/management/relation/RoleStatus.html#ROLE_NOT_WRITABLE) - Static variable in class javax.management.relation.[RoleStatus](http://docs.google.com/javax/management/relation/RoleStatus.html) Problem type when trying to update a non-writable attribute. [**RoleInfo**](http://docs.google.com/javax/management/relation/RoleInfo.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)A RoleInfo object summarises a role in a relation type.[**RoleInfo(String, String, boolean, boolean, int, int, String)**](http://docs.google.com/javax/management/relation/RoleInfo.html#RoleInfo(java.lang.String,%20java.lang.String,%20boolean,%20boolean,%20int,%20int,%20java.lang.String)) - Constructor for class javax.management.relation.[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html) Constructor. [**RoleInfo(String, String, boolean, boolean)**](http://docs.google.com/javax/management/relation/RoleInfo.html#RoleInfo(java.lang.String,%20java.lang.String,%20boolean,%20boolean)) - Constructor for class javax.management.relation.[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html) Constructor. [**RoleInfo(String, String)**](http://docs.google.com/javax/management/relation/RoleInfo.html#RoleInfo(java.lang.String,%20java.lang.String)) - Constructor for class javax.management.relation.[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html) Constructor. [**RoleInfo(RoleInfo)**](http://docs.google.com/javax/management/relation/RoleInfo.html#RoleInfo(javax.management.relation.RoleInfo)) - Constructor for class javax.management.relation.[RoleInfo](http://docs.google.com/javax/management/relation/RoleInfo.html) Copy constructor. [**RoleInfoNotFoundException**](http://docs.google.com/javax/management/relation/RoleInfoNotFoundException.html) - Exception in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This exception is raised when there is no role info with given name in a given relation type.[**RoleInfoNotFoundException()**](http://docs.google.com/javax/management/relation/RoleInfoNotFoundException.html#RoleInfoNotFoundException()) - Constructor for exception javax.management.relation.[RoleInfoNotFoundException](http://docs.google.com/javax/management/relation/RoleInfoNotFoundException.html) Default constructor, no message put in exception. [**RoleInfoNotFoundException(String)**](http://docs.google.com/javax/management/relation/RoleInfoNotFoundException.html#RoleInfoNotFoundException(java.lang.String)) - Constructor for exception javax.management.relation.[RoleInfoNotFoundException](http://docs.google.com/javax/management/relation/RoleInfoNotFoundException.html) Constructor with given message put in exception. [**RoleList**](http://docs.google.com/javax/management/relation/RoleList.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)A RoleList represents a list of roles (Role objects).[**RoleList()**](http://docs.google.com/javax/management/relation/RoleList.html#RoleList()) - Constructor for class javax.management.relation.[RoleList](http://docs.google.com/javax/management/relation/RoleList.html) Constructs an empty RoleList. [**RoleList(int)**](http://docs.google.com/javax/management/relation/RoleList.html#RoleList(int)) - Constructor for class javax.management.relation.[RoleList](http://docs.google.com/javax/management/relation/RoleList.html) Constructs an empty RoleList with the initial capacity specified. [**RoleList(List<Role>)**](http://docs.google.com/javax/management/relation/RoleList.html#RoleList(java.util.List)) - Constructor for class javax.management.relation.[RoleList](http://docs.google.com/javax/management/relation/RoleList.html) Constructs a RoleList containing the elements of the List specified, in the order in which they are returned by the List's iterator. [**RoleNotFoundException**](http://docs.google.com/javax/management/relation/RoleNotFoundException.html) - Exception in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This exception is raised when a role in a relation does not exist, or is not readable, or is not settable.[**RoleNotFoundException()**](http://docs.google.com/javax/management/relation/RoleNotFoundException.html#RoleNotFoundException()) - Constructor for exception javax.management.relation.[RoleNotFoundException](http://docs.google.com/javax/management/relation/RoleNotFoundException.html) Default constructor, no message put in exception. [**RoleNotFoundException(String)**](http://docs.google.com/javax/management/relation/RoleNotFoundException.html#RoleNotFoundException(java.lang.String)) - Constructor for exception javax.management.relation.[RoleNotFoundException](http://docs.google.com/javax/management/relation/RoleNotFoundException.html) Constructor with given message put in exception. [**RoleResult**](http://docs.google.com/javax/management/relation/RoleResult.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)Represents the result of a multiple access to several roles of a relation (either for reading or writing).[**RoleResult(RoleList, RoleUnresolvedList)**](http://docs.google.com/javax/management/relation/RoleResult.html#RoleResult(javax.management.relation.RoleList,%20javax.management.relation.RoleUnresolvedList)) - Constructor for class javax.management.relation.[RoleResult](http://docs.google.com/javax/management/relation/RoleResult.html) Constructor. [**RoleStatus**](http://docs.google.com/javax/management/relation/RoleStatus.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)This class describes the various problems which can be encountered when accessing a role.[**RoleStatus()**](http://docs.google.com/javax/management/relation/RoleStatus.html#RoleStatus()) - Constructor for class javax.management.relation.[RoleStatus](http://docs.google.com/javax/management/relation/RoleStatus.html)   [**RoleUnresolved**](http://docs.google.com/javax/management/relation/RoleUnresolved.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)Represents an unresolved role: a role not retrieved from a relation due to a problem.[**RoleUnresolved(String, List<ObjectName>, int)**](http://docs.google.com/javax/management/relation/RoleUnresolved.html#RoleUnresolved(java.lang.String,%20java.util.List,%20int)) - Constructor for class javax.management.relation.[RoleUnresolved](http://docs.google.com/javax/management/relation/RoleUnresolved.html) Constructor. [**RoleUnresolvedList**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html) - Class in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html)A RoleUnresolvedList represents a list of RoleUnresolved objects, representing roles not retrieved from a relation due to a problem encountered when trying to access (read or write) the roles.[**RoleUnresolvedList()**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html#RoleUnresolvedList()) - Constructor for class javax.management.relation.[RoleUnresolvedList](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html) Constructs an empty RoleUnresolvedList. [**RoleUnresolvedList(int)**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html#RoleUnresolvedList(int)) - Constructor for class javax.management.relation.[RoleUnresolvedList](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html) Constructs an empty RoleUnresolvedList with the initial capacity specified. [**RoleUnresolvedList(List<RoleUnresolved>)**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html#RoleUnresolvedList(java.util.List)) - Constructor for class javax.management.relation.[RoleUnresolvedList](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html) Constructs a RoleUnresolvedList containing the elements of the List specified, in the order in which they are returned by the List's iterator. [**roleValueToString(List<ObjectName>)**](http://docs.google.com/javax/management/relation/Role.html#roleValueToString(java.util.List)) - Static method in class javax.management.relation.[Role](http://docs.google.com/javax/management/relation/Role.html) Returns a string for the given role value. [**roll(int, boolean)**](http://docs.google.com/java/util/Calendar.html#roll(int,%20boolean)) - Method in class java.util.[Calendar](http://docs.google.com/java/util/Calendar.html) Adds or subtracts (up/down) a single unit of time on the given time field without changing larger fields. [**roll(int, int)**](http://docs.google.com/java/util/Calendar.html#roll(int,%20int)) - Method in class java.util.[Calendar](http://docs.google.com/java/util/Calendar.html) Adds the specified (signed) amount to the specified calendar field without changing larger fields. [**roll(int, boolean)**](http://docs.google.com/java/util/GregorianCalendar.html#roll(int,%20boolean)) - Method in class java.util.[GregorianCalendar](http://docs.google.com/java/util/GregorianCalendar.html) Adds or subtracts (up/down) a single unit of time on the given time field without changing larger fields. [**roll(int, int)**](http://docs.google.com/java/util/GregorianCalendar.html#roll(int,%20int)) - Method in class java.util.[GregorianCalendar](http://docs.google.com/java/util/GregorianCalendar.html) Adds a signed amount to the specified calendar field without changing larger fields. [**rollback()**](http://docs.google.com/java/sql/Connection.html#rollback()) - Method in interface java.sql.[Connection](http://docs.google.com/java/sql/Connection.html) Undoes all changes made in the current transaction and releases any database locks currently held by this Connection object. [**rollback(Savepoint)**](http://docs.google.com/java/sql/Connection.html#rollback(java.sql.Savepoint)) - Method in interface java.sql.[Connection](http://docs.google.com/java/sql/Connection.html) Undoes all changes made after the given Savepoint object was set. [**rollback()**](http://docs.google.com/javax/sql/rowset/CachedRowSet.html#rollback()) - Method in interface javax.sql.rowset.[CachedRowSet](http://docs.google.com/javax/sql/rowset/CachedRowSet.html) Each CachedRowSet object's SyncProvider contains a Connection object from the original ResultSet or JDBC properties passed to it. [**rollback(Savepoint)**](http://docs.google.com/javax/sql/rowset/CachedRowSet.html#rollback(java.sql.Savepoint)) - Method in interface javax.sql.rowset.[CachedRowSet](http://docs.google.com/javax/sql/rowset/CachedRowSet.html) Each CachedRowSet object's SyncProvider contains a Connection object from the original ResultSet or JDBC properties passed to it. [**rollback()**](http://docs.google.com/javax/sql/rowset/JdbcRowSet.html#rollback()) - Method in interface javax.sql.rowset.[JdbcRowSet](http://docs.google.com/javax/sql/rowset/JdbcRowSet.html) Each JdbcRowSet contains a Connection object from the original ResultSet or JDBC properties passed to it. [**rollback(Savepoint)**](http://docs.google.com/javax/sql/rowset/JdbcRowSet.html#rollback(java.sql.Savepoint)) - Method in interface javax.sql.rowset.[JdbcRowSet](http://docs.google.com/javax/sql/rowset/JdbcRowSet.html) Each JdbcRowSet contains a Connection object from the original ResultSet or JDBC properties passed to it. [**rollback()**](http://docs.google.com/javax/sql/rowset/spi/TransactionalWriter.html#rollback()) - Method in interface javax.sql.rowset.spi.[TransactionalWriter](http://docs.google.com/javax/sql/rowset/spi/TransactionalWriter.html) Undoes all changes made in the current transaction. [**rollback(Savepoint)**](http://docs.google.com/javax/sql/rowset/spi/TransactionalWriter.html#rollback(java.sql.Savepoint)) - Method in interface javax.sql.rowset.spi.[TransactionalWriter](http://docs.google.com/javax/sql/rowset/spi/TransactionalWriter.html) Undoes all changes made in the current transaction made prior to the given Savepoint object. [**rollback(Xid)**](http://docs.google.com/javax/transaction/xa/XAResource.html#rollback(javax.transaction.xa.Xid)) - Method in interface javax.transaction.xa.[XAResource](http://docs.google.com/javax/transaction/xa/XAResource.html) Informs the resource manager to roll back work done on behalf of a transaction branch. [**ROLLOVER**](http://docs.google.com/javax/swing/DefaultButtonModel.html#ROLLOVER) - Static variable in class javax.swing.[DefaultButtonModel](http://docs.google.com/javax/swing/DefaultButtonModel.html) Identifies the "rollover" bit in the bitmask, which indicates that the mouse is over the button. [**ROLLOVER\_ENABLED\_CHANGED\_PROPERTY**](http://docs.google.com/javax/swing/AbstractButton.html#ROLLOVER_ENABLED_CHANGED_PROPERTY) - Static variable in class javax.swing.[AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) Identifies a change from rollover enabled to disabled or back to enabled. [**ROLLOVER\_ICON\_CHANGED\_PROPERTY**](http://docs.google.com/javax/swing/AbstractButton.html#ROLLOVER_ICON_CHANGED_PROPERTY) - Static variable in class javax.swing.[AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) Identifies a change to the icon used when the cursor is over the button. [**ROLLOVER\_SELECTED\_ICON\_CHANGED\_PROPERTY**](http://docs.google.com/javax/swing/AbstractButton.html#ROLLOVER_SELECTED_ICON_CHANGED_PROPERTY) - Static variable in class javax.swing.[AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) Identifies a change to the icon used when the cursor is over the button and it has been selected. [**rolloverColumnUpdated(int, int)**](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.html#rolloverColumnUpdated(int,%20int)) - Method in class javax.swing.plaf.basic.[BasicTableHeaderUI](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.html) This method gets called every time the rollover column in the table header is updated. [**rolloverListener**](http://docs.google.com/javax/swing/plaf/metal/MetalToolBarUI.html#rolloverListener) - Variable in class javax.swing.plaf.metal.[MetalToolBarUI](http://docs.google.com/javax/swing/plaf/metal/MetalToolBarUI.html) This protected field is implemenation specific. [**ROMAN\_BASELINE**](http://docs.google.com/java/awt/font/GraphicAttribute.html#ROMAN_BASELINE) - Static variable in class java.awt.font.[GraphicAttribute](http://docs.google.com/java/awt/font/GraphicAttribute.html) Aligns origin of graphic to roman baseline of line. [**ROMAN\_BASELINE**](http://docs.google.com/java/awt/Font.html#ROMAN_BASELINE) - Static variable in class java.awt.[Font](http://docs.google.com/java/awt/Font.html) The baseline used in most Roman scripts when laying out text. [**ROOT**](http://docs.google.com/java/util/Locale.html#ROOT) - Static variable in class java.util.[Locale](http://docs.google.com/java/util/Locale.html) Useful constant for the root locale. [**root**](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html#root) - Variable in class javax.swing.tree.[DefaultTreeModel](http://docs.google.com/javax/swing/tree/DefaultTreeModel.html) Root of the tree. [**ROOT\_PANE**](http://docs.google.com/javax/accessibility/AccessibleRole.html#ROOT_PANE) - Static variable in class javax.accessibility.[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) A specialized pane that has a glass pane and a layered pane as its children. [**ROOT\_PANE**](http://docs.google.com/javax/swing/plaf/synth/Region.html#ROOT_PANE) - Static variable in class javax.swing.plaf.synth.[Region](http://docs.google.com/javax/swing/plaf/synth/Region.html) RootPane region. [**ROOT\_PANE\_PROPERTY**](http://docs.google.com/javax/swing/JInternalFrame.html#ROOT_PANE_PROPERTY) - Static variable in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) Bound property name. [**ROOT\_VISIBLE\_PROPERTY**](http://docs.google.com/javax/swing/JTree.html#ROOT_VISIBLE_PROPERTY) - Static variable in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Bound property name for rootVisible. [**rootException**](http://docs.google.com/javax/naming/NamingException.html#rootException) - Variable in exception javax.naming.[NamingException](http://docs.google.com/javax/naming/NamingException.html) Contains the original exception that caused this NamingException to be thrown. [**rootPane**](http://docs.google.com/javax/swing/JApplet.html#rootPane) - Variable in class javax.swing.[JApplet](http://docs.google.com/javax/swing/JApplet.html)   [**rootPane**](http://docs.google.com/javax/swing/JDialog.html#rootPane) - Variable in class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html)   [**rootPane**](http://docs.google.com/javax/swing/JFrame.html#rootPane) - Variable in class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) The JRootPane instance that manages the contentPane and optional menuBar for this frame, as well as the glassPane. [**rootPane**](http://docs.google.com/javax/swing/JInternalFrame.html#rootPane) - Variable in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) The JRootPane instance that manages the content pane and optional menu bar for this internal frame, as well as the glass pane. [**rootPane**](http://docs.google.com/javax/swing/JWindow.html#rootPane) - Variable in class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) The JRootPane instance that manages the contentPane and optional menuBar for this frame, as well as the glassPane. [**rootPaneCheckingEnabled**](http://docs.google.com/javax/swing/JApplet.html#rootPaneCheckingEnabled) - Variable in class javax.swing.[JApplet](http://docs.google.com/javax/swing/JApplet.html) If true then calls to add and setLayout will be forwarded to the contentPane. [**rootPaneCheckingEnabled**](http://docs.google.com/javax/swing/JDialog.html#rootPaneCheckingEnabled) - Variable in class javax.swing.[JDialog](http://docs.google.com/javax/swing/JDialog.html) If true then calls to add and setLayout will be forwarded to the contentPane. [**rootPaneCheckingEnabled**](http://docs.google.com/javax/swing/JFrame.html#rootPaneCheckingEnabled) - Variable in class javax.swing.[JFrame](http://docs.google.com/javax/swing/JFrame.html) If true then calls to add and setLayout will be forwarded to the contentPane. [**rootPaneCheckingEnabled**](http://docs.google.com/javax/swing/JInternalFrame.html#rootPaneCheckingEnabled) - Variable in class javax.swing.[JInternalFrame](http://docs.google.com/javax/swing/JInternalFrame.html) If true then calls to add and setLayout will be forwarded to the contentPane. [**rootPaneCheckingEnabled**](http://docs.google.com/javax/swing/JWindow.html#rootPaneCheckingEnabled) - Variable in class javax.swing.[JWindow](http://docs.google.com/javax/swing/JWindow.html) If true then calls to add and setLayout will be forwarded to the contentPane. [**RootPaneContainer**](http://docs.google.com/javax/swing/RootPaneContainer.html) - Interface in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)This interface is implemented by components that have a single JRootPane child: JDialog, JFrame, JWindow, JApplet, JInternalFrame.[**RootPaneUI**](http://docs.google.com/javax/swing/plaf/RootPaneUI.html) - Class in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html)Pluggable look and feel interface for JRootPane.[**RootPaneUI()**](http://docs.google.com/javax/swing/plaf/RootPaneUI.html#RootPaneUI()) - Constructor for class javax.swing.plaf.[RootPaneUI](http://docs.google.com/javax/swing/plaf/RootPaneUI.html)   [**rootVisible**](http://docs.google.com/javax/swing/JTree.html#rootVisible) - Variable in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) True if the root node is displayed, false if its children are the highest visible nodes. [**rootVisible**](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.html#rootVisible) - Variable in class javax.swing.tree.[AbstractLayoutCache](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.html) True if the root node is displayed, false if its children are the highest visible nodes. [**rotate(double)**](http://docs.google.com/java/awt/geom/AffineTransform.html#rotate(double)) - Method in class java.awt.geom.[AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html) Concatenates this transform with a rotation transformation. [**rotate(double, double, double)**](http://docs.google.com/java/awt/geom/AffineTransform.html#rotate(double,%20double,%20double)) - Method in class java.awt.geom.[AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html) Concatenates this transform with a transform that rotates coordinates around an anchor point. [**rotate(double, double)**](http://docs.google.com/java/awt/geom/AffineTransform.html#rotate(double,%20double)) - Method in class java.awt.geom.[AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html) Concatenates this transform with a transform that rotates coordinates according to a rotation vector. [**rotate(double, double, double, double)**](http://docs.google.com/java/awt/geom/AffineTransform.html#rotate(double,%20double,%20double,%20double)) - Method in class java.awt.geom.[AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html) Concatenates this transform with a transform that rotates coordinates around an anchor point according to a rotation vector. [**rotate(double)**](http://docs.google.com/java/awt/Graphics2D.html#rotate(double)) - Method in class java.awt.[Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) Concatenates the current Graphics2D Transform with a rotation transform. [**rotate(double, double, double)**](http://docs.google.com/java/awt/Graphics2D.html#rotate(double,%20double,%20double)) - Method in class java.awt.[Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) Concatenates the current Graphics2D Transform with a translated rotation transform. [**rotate(List<?>, int)**](http://docs.google.com/java/util/Collections.html#rotate(java.util.List,%20int)) - Static method in class java.util.[Collections](http://docs.google.com/java/util/Collections.html) Rotates the elements in the specified list by the specified distance. [**rotateInsets(Insets, Insets, int)**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#rotateInsets(java.awt.Insets,%20java.awt.Insets,%20int)) - Static method in class javax.swing.plaf.basic.[BasicTabbedPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html)   [**rotateLeft(int, int)**](http://docs.google.com/java/lang/Integer.html#rotateLeft(int,%20int)) - Static method in class java.lang.[Integer](http://docs.google.com/java/lang/Integer.html) Returns the value obtained by rotating the two's complement binary representation of the specified int value left by the specified number of bits. [**rotateLeft(long, int)**](http://docs.google.com/java/lang/Long.html#rotateLeft(long,%20int)) - Static method in class java.lang.[Long](http://docs.google.com/java/lang/Long.html) Returns the value obtained by rotating the two's complement binary representation of the specified long value left by the specified number of bits. [**rotateRight(int, int)**](http://docs.google.com/java/lang/Integer.html#rotateRight(int,%20int)) - Static method in class java.lang.[Integer](http://docs.google.com/java/lang/Integer.html) Returns the value obtained by rotating the two's complement binary representation of the specified int value right by the specified number of bits. [**rotateRight(long, int)**](http://docs.google.com/java/lang/Long.html#rotateRight(long,%20int)) - Static method in class java.lang.[Long](http://docs.google.com/java/lang/Long.html) Returns the value obtained by rotating the two's complement binary representation of the specified long value right by the specified number of bits. [**rotateTabRuns(int, int)**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html#rotateTabRuns(int,%20int)) - Method in class javax.swing.plaf.basic.[BasicTabbedPaneUI.TabbedPaneLayout](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.TabbedPaneLayout.html)   [**rotateTabRuns(int, int)**](http://docs.google.com/javax/swing/plaf/metal/MetalTabbedPaneUI.TabbedPaneLayout.html#rotateTabRuns(int,%20int)) - Method in class javax.swing.plaf.metal.[MetalTabbedPaneUI.TabbedPaneLayout](http://docs.google.com/javax/swing/plaf/metal/MetalTabbedPaneUI.TabbedPaneLayout.html)   [**round(float)**](http://docs.google.com/java/lang/Math.html#round(float)) - Static method in class java.lang.[Math](http://docs.google.com/java/lang/Math.html) Returns the closest int to the argument. [**round(double)**](http://docs.google.com/java/lang/Math.html#round(double)) - Static method in class java.lang.[Math](http://docs.google.com/java/lang/Math.html) Returns the closest long to the argument. [**round(float)**](http://docs.google.com/java/lang/StrictMath.html#round(float)) - Static method in class java.lang.[StrictMath](http://docs.google.com/java/lang/StrictMath.html) Returns the closest int to the argument. [**round(double)**](http://docs.google.com/java/lang/StrictMath.html#round(double)) - Static method in class java.lang.[StrictMath](http://docs.google.com/java/lang/StrictMath.html) Returns the closest long to the argument. [**round(MathContext)**](http://docs.google.com/java/math/BigDecimal.html#round(java.math.MathContext)) - Method in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Returns a BigDecimal rounded according to the MathContext settings. [**ROUND\_CEILING**](http://docs.google.com/java/math/BigDecimal.html#ROUND_CEILING) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to round towards positive infinity. [**ROUND\_DOWN**](http://docs.google.com/java/math/BigDecimal.html#ROUND_DOWN) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to round towards zero. [**ROUND\_FLOOR**](http://docs.google.com/java/math/BigDecimal.html#ROUND_FLOOR) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to round towards negative infinity. [**ROUND\_HALF\_DOWN**](http://docs.google.com/java/math/BigDecimal.html#ROUND_HALF_DOWN) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to round towards "nearest neighbor" unless both neighbors are equidistant, in which case round down. [**ROUND\_HALF\_EVEN**](http://docs.google.com/java/math/BigDecimal.html#ROUND_HALF_EVEN) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to round towards the "nearest neighbor" unless both neighbors are equidistant, in which case, round towards the even neighbor. [**ROUND\_HALF\_UP**](http://docs.google.com/java/math/BigDecimal.html#ROUND_HALF_UP) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to round towards "nearest neighbor" unless both neighbors are equidistant, in which case round up. [**ROUND\_UNNECESSARY**](http://docs.google.com/java/math/BigDecimal.html#ROUND_UNNECESSARY) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to assert that the requested operation has an exact result, hence no rounding is necessary. [**ROUND\_UP**](http://docs.google.com/java/math/BigDecimal.html#ROUND_UP) - Static variable in class java.math.[BigDecimal](http://docs.google.com/java/math/BigDecimal.html) Rounding mode to round away from zero. [**roundedCorners**](http://docs.google.com/javax/swing/border/LineBorder.html#roundedCorners) - Variable in class javax.swing.border.[LineBorder](http://docs.google.com/javax/swing/border/LineBorder.html)   [**RoundEnvironment**](http://docs.google.com/javax/annotation/processing/RoundEnvironment.html) - Interface in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html)An annotation processing tool framework will [provide an annotation processor with an object implementing this interface](http://docs.google.com/javax/annotation/processing/Processor.html#process(java.util.Set,%20javax.annotation.processing.RoundEnvironment)) so that the processor can query for information about a round of annotation processing.[**RoundingMode**](http://docs.google.com/java/math/RoundingMode.html) - Enum in [java.math](http://docs.google.com/java/math/package-summary.html)Specifies a *rounding behavior* for numerical operations capable of discarding precision.[**RoundRectangle2D**](http://docs.google.com/java/awt/geom/RoundRectangle2D.html) - Class in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html)The RoundRectangle2D class defines a rectangle with rounded corners defined by a location (x,y), a dimension (w x h), and the width and height of an arc with which to round the corners.[**RoundRectangle2D()**](http://docs.google.com/java/awt/geom/RoundRectangle2D.html#RoundRectangle2D()) - Constructor for class java.awt.geom.[RoundRectangle2D](http://docs.google.com/java/awt/geom/RoundRectangle2D.html) This is an abstract class that cannot be instantiated directly. [**RoundRectangle2D.Double**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Double.html) - Class in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html)The Double class defines a rectangle with rounded corners all specified in double coordinates.[**RoundRectangle2D.Double()**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Double.html#RoundRectangle2D.Double()) - Constructor for class java.awt.geom.[RoundRectangle2D.Double](http://docs.google.com/java/awt/geom/RoundRectangle2D.Double.html) Constructs a new RoundRectangle2D, initialized to location (0.0, 0), size (0.0, 0.0), and corner arcs of radius 0.0. [**RoundRectangle2D.Double(double, double, double, double, double, double)**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Double.html#RoundRectangle2D.Double(double,%20double,%20double,%20double,%20double,%20double)) - Constructor for class java.awt.geom.[RoundRectangle2D.Double](http://docs.google.com/java/awt/geom/RoundRectangle2D.Double.html) Constructs and initializes a RoundRectangle2D from the specified double coordinates. [**RoundRectangle2D.Float**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Float.html) - Class in [java.awt.geom](http://docs.google.com/java/awt/geom/package-summary.html)The Float class defines a rectangle with rounded corners all specified in float coordinates.[**RoundRectangle2D.Float()**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Float.html#RoundRectangle2D.Float()) - Constructor for class java.awt.geom.[RoundRectangle2D.Float](http://docs.google.com/java/awt/geom/RoundRectangle2D.Float.html) Constructs a new RoundRectangle2D, initialized to location (0.0, 0), size (0.0, 0.0), and corner arcs of radius 0.0. [**RoundRectangle2D.Float(float, float, float, float, float, float)**](http://docs.google.com/java/awt/geom/RoundRectangle2D.Float.html#RoundRectangle2D.Float(float,%20float,%20float,%20float,%20float,%20float)) - Constructor for class java.awt.geom.[RoundRectangle2D.Float](http://docs.google.com/java/awt/geom/RoundRectangle2D.Float.html) Constructs and initializes a RoundRectangle2D from the specified float coordinates. [**ROW\_HEADER**](http://docs.google.com/javax/accessibility/AccessibleRole.html#ROW_HEADER) - Static variable in class javax.accessibility.[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) The header for a row of data. [**ROW\_HEADER**](http://docs.google.com/javax/swing/ScrollPaneConstants.html#ROW_HEADER) - Static variable in interface javax.swing.[ScrollPaneConstants](http://docs.google.com/javax/swing/ScrollPaneConstants.html) Identifies the area along the left side of the viewport between the upper left corner and the lower left corner. [**ROW\_HEIGHT\_PROPERTY**](http://docs.google.com/javax/swing/JTree.html#ROW_HEIGHT_PROPERTY) - Static variable in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Bound property name for rowHeight. [**rowAtPoint(Point)**](http://docs.google.com/javax/swing/JTable.html#rowAtPoint(java.awt.Point)) - Method in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) Returns the index of the row that point lies in, or -1 if the result is not in the range [0, getRowCount()-1]. [**rowChanged(RowSetEvent)**](http://docs.google.com/javax/sql/RowSetListener.html#rowChanged(javax.sql.RowSetEvent)) - Method in interface javax.sql.[RowSetListener](http://docs.google.com/javax/sql/RowSetListener.html) Notifies registered listeners that a RowSet object has had a change in one of its rows. [**rowDeleted()**](http://docs.google.com/java/sql/ResultSet.html#rowDeleted()) - Method in interface java.sql.[ResultSet](http://docs.google.com/java/sql/ResultSet.html) Retrieves whether a row has been deleted. [**RowFilter**](http://docs.google.com/javax/swing/RowFilter.html)<[M](http://docs.google.com/javax/swing/RowFilter.html),[I](http://docs.google.com/javax/swing/RowFilter.html)> - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)RowFilter is used to filter out entries from the model so that they are not shown in the view.[**RowFilter()**](http://docs.google.com/javax/swing/RowFilter.html#RowFilter()) - Constructor for class javax.swing.[RowFilter](http://docs.google.com/javax/swing/RowFilter.html)   [**RowFilter.ComparisonType**](http://docs.google.com/javax/swing/RowFilter.ComparisonType.html) - Enum in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)Enumeration of the possible comparison values supported by some of the default RowFilters.[**RowFilter.Entry**](http://docs.google.com/javax/swing/RowFilter.Entry.html)<[M](http://docs.google.com/javax/swing/RowFilter.Entry.html),[I](http://docs.google.com/javax/swing/RowFilter.Entry.html)> - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)An Entry object is passed to instances of RowFilter, allowing the filter to get the value of the entry's data, and thus to determine whether the entry should be shown.[**RowFilter.Entry()**](http://docs.google.com/javax/swing/RowFilter.Entry.html#RowFilter.Entry()) - Constructor for class javax.swing.[RowFilter.Entry](http://docs.google.com/javax/swing/RowFilter.Entry.html) Creates an Entry. [**rowHead**](http://docs.google.com/javax/swing/ScrollPaneLayout.html#rowHead) - Variable in class javax.swing.[ScrollPaneLayout](http://docs.google.com/javax/swing/ScrollPaneLayout.html) The row header child. [**rowHeader**](http://docs.google.com/javax/swing/JScrollPane.html#rowHeader) - Variable in class javax.swing.[JScrollPane](http://docs.google.com/javax/swing/JScrollPane.html) The row header child. [**rowHeight**](http://docs.google.com/javax/swing/JTable.html#rowHeight) - Variable in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) The height in pixels of each row in the table. [**rowHeight**](http://docs.google.com/javax/swing/JTree.html#rowHeight) - Variable in class javax.swing.[JTree](http://docs.google.com/javax/swing/JTree.html) Height to use for each display row. [**rowHeight**](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.html#rowHeight) - Variable in class javax.swing.tree.[AbstractLayoutCache](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.html) Height to use for each row. [**rowHeights**](http://docs.google.com/java/awt/GridBagLayout.html#rowHeights) - Variable in class java.awt.[GridBagLayout](http://docs.google.com/java/awt/GridBagLayout.html) This field holds the overrides to the row minimum heights. [**RowId**](http://docs.google.com/java/sql/RowId.html) - Interface in [java.sql](http://docs.google.com/java/sql/package-summary.html)The representation (mapping) in the Java programming language of an SQL ROWID value.[**ROWID**](http://docs.google.com/java/sql/Types.html#ROWID) - 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 ROWID [**RowIdLifetime**](http://docs.google.com/java/sql/RowIdLifetime.html) - Enum in [java.sql](http://docs.google.com/java/sql/package-summary.html)Enumeration for RowId life-time values.[**rowInserted()**](http://docs.google.com/java/sql/ResultSet.html#rowInserted()) - Method in interface java.sql.[ResultSet](http://docs.google.com/java/sql/ResultSet.html) Retrieves whether the current row has had an insertion. [**rowMapper**](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html#rowMapper) - Variable in class javax.swing.tree.[DefaultTreeSelectionModel](http://docs.google.com/javax/swing/tree/DefaultTreeSelectionModel.html) Provides a row for a given path. [**RowMapper**](http://docs.google.com/javax/swing/tree/RowMapper.html) - Interface in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html)Defines the requirements for an object that translates paths in the tree into display rows.[**rowMargin**](http://docs.google.com/javax/swing/JTable.html#rowMargin) - Variable in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) The height in pixels of the margin between the cells in each row. [**ROWS**](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html#ROWS) - Static variable in class javax.swing.text.html.[HTML.Attribute](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html)   [**rowsDeleted(int, int)**](http://docs.google.com/javax/swing/DefaultRowSorter.html#rowsDeleted(int,%20int)) - Method in class javax.swing.[DefaultRowSorter](http://docs.google.com/javax/swing/DefaultRowSorter.html) Invoked when rows have been deleted from the underlying model in the specified range (inclusive). [**rowsDeleted(int, int)**](http://docs.google.com/javax/swing/RowSorter.html#rowsDeleted(int,%20int)) - Method in class javax.swing.[RowSorter](http://docs.google.com/javax/swing/RowSorter.html) Invoked when rows have been deleted from the underlying model in the specified range (inclusive). [**rowSelectionAllowed**](http://docs.google.com/javax/swing/JTable.html#rowSelectionAllowed) - Variable in class javax.swing.[JTable](http://docs.google.com/javax/swing/JTable.html) True if row selection is allowed in this table. [**RowSet**](http://docs.google.com/javax/sql/RowSet.html) - Interface in [javax.sql](http://docs.google.com/javax/sql/package-summary.html)The interface that adds support to the JDBC API for the JavaBeansTM component model.[**ROWSET\_SYNC\_PROVIDER**](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html#ROWSET_SYNC_PROVIDER) - Static variable in class javax.sql.rowset.spi.[SyncFactory](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html) The standard property-id for a synchronization provider implementation name. [**ROWSET\_SYNC\_PROVIDER\_VERSION**](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html#ROWSET_SYNC_PROVIDER_VERSION) - Static variable in class javax.sql.rowset.spi.[SyncFactory](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html) The standard property-id for a synchronization provider implementation version tag. [**ROWSET\_SYNC\_VENDOR**](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html#ROWSET_SYNC_VENDOR) - Static variable in class javax.sql.rowset.spi.[SyncFactory](http://docs.google.com/javax/sql/rowset/spi/SyncFactory.html) The standard property-id for a synchronization provider implementation vendor name. [**rowSetChanged(RowSetEvent)**](http://docs.google.com/javax/sql/RowSetListener.html#rowSetChanged(javax.sql.RowSetEvent)) - Method in interface javax.sql.[RowSetListener](http://docs.google.com/javax/sql/RowSetListener.html) Notifies registered listeners that a RowSet object in the given RowSetEvent object has changed its entire contents. [**RowSetEvent**](http://docs.google.com/javax/sql/RowSetEvent.html) - Class in [javax.sql](http://docs.google.com/javax/sql/package-summary.html)An Event object generated when an event occurs to a RowSet object.[**RowSetEvent(RowSet)**](http://docs.google.com/javax/sql/RowSetEvent.html#RowSetEvent(javax.sql.RowSet)) - Constructor for class javax.sql.[RowSetEvent](http://docs.google.com/javax/sql/RowSetEvent.html) Constructs a RowSetEvent object initialized with the given RowSet object. [**RowSetInternal**](http://docs.google.com/javax/sql/RowSetInternal.html) - Interface in [javax.sql](http://docs.google.com/javax/sql/package-summary.html)The interface that a RowSet object implements in order to present itself to a RowSetReader or RowSetWriter object.[**RowSetListener**](http://docs.google.com/javax/sql/RowSetListener.html) - Interface in [javax.sql](http://docs.google.com/javax/sql/package-summary.html)An interface that must be implemented by a component that wants to be notified when a significant event happens in the life of a RowSet object.[**RowSetMetaData**](http://docs.google.com/javax/sql/RowSetMetaData.html) - Interface in [javax.sql](http://docs.google.com/javax/sql/package-summary.html)An object that contains information about the columns in a RowSet object.[**RowSetMetaDataImpl**](http://docs.google.com/javax/sql/rowset/RowSetMetaDataImpl.html) - Class in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html)Provides implementations for the methods that set and get metadata information about a RowSet object's columns.[**RowSetMetaDataImpl()**](http://docs.google.com/javax/sql/rowset/RowSetMetaDataImpl.html#RowSetMetaDataImpl()) - Constructor for class javax.sql.rowset.[RowSetMetaDataImpl](http://docs.google.com/javax/sql/rowset/RowSetMetaDataImpl.html)   [**rowSetPopulated(RowSetEvent, int)**](http://docs.google.com/javax/sql/rowset/CachedRowSet.html#rowSetPopulated(javax.sql.RowSetEvent,%20int)) - Method in interface javax.sql.rowset.[CachedRowSet](http://docs.google.com/javax/sql/rowset/CachedRowSet.html) Notifies registered listeners that a RowSet object in the given RowSetEvent object has populated a number of additional rows. [**RowSetReader**](http://docs.google.com/javax/sql/RowSetReader.html) - Interface in [javax.sql](http://docs.google.com/javax/sql/package-summary.html)The facility that a disconnected RowSet object calls on to populate itself with rows of data.[**RowSetWarning**](http://docs.google.com/javax/sql/rowset/RowSetWarning.html) - Exception in [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html)An extension of SQLException that provides information about database warnings set on RowSet objects.[**RowSetWarning(String)**](http://docs.google.com/javax/sql/rowset/RowSetWarning.html#RowSetWarning(java.lang.String)) - Constructor for exception javax.sql.rowset.[RowSetWarning](http://docs.google.com/javax/sql/rowset/RowSetWarning.html) Constructs a RowSetWarning object with the given value for the reason; SQLState defaults to null, and vendorCode defaults to 0. [**RowSetWarning()**](http://docs.google.com/javax/sql/rowset/RowSetWarning.html#RowSetWarning()) - Constructor for exception javax.sql.rowset.[RowSetWarning](http://docs.google.com/javax/sql/rowset/RowSetWarning.html) Constructs a default RowSetWarning object. [**RowSetWarning(String, String)**](http://docs.google.com/javax/sql/rowset/RowSetWarning.html#RowSetWarning(java.lang.String,%20java.lang.String)) - Constructor for exception javax.sql.rowset.[RowSetWarning](http://docs.google.com/javax/sql/rowset/RowSetWarning.html) Constructs a RowSetWarning object initialized with the given values for the reason and SQLState. [**RowSetWarning(String, String, int)**](http://docs.google.com/javax/sql/rowset/RowSetWarning.html#RowSetWarning(java.lang.String,%20java.lang.String,%20int)) - Constructor for exception javax.sql.rowset.[RowSetWarning](http://docs.google.com/javax/sql/rowset/RowSetWarning.html) Constructs a fully specified RowSetWarning object initialized with the given values for the reason, SQLState and vendorCode. [**RowSetWriter**](http://docs.google.com/javax/sql/RowSetWriter.html) - Interface in [javax.sql](http://docs.google.com/javax/sql/package-summary.html)An object that implements the RowSetWriter interface, called a *writer*.[**rowsInserted(int, int)**](http://docs.google.com/javax/swing/DefaultRowSorter.html#rowsInserted(int,%20int)) - Method in class javax.swing.[DefaultRowSorter](http://docs.google.com/javax/swing/DefaultRowSorter.html) Invoked when rows have been inserted into the underlying model in the specified range (inclusive). [**rowsInserted(int, int)**](http://docs.google.com/javax/swing/RowSorter.html#rowsInserted(int,%20int)) - Method in class javax.swing.[RowSorter](http://docs.google.com/javax/swing/RowSorter.html) Invoked when rows have been inserted into the underlying model in the specified range (inclusive). [**RowSorter**](http://docs.google.com/javax/swing/RowSorter.html)<[M](http://docs.google.com/javax/swing/RowSorter.html)> - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)RowSorter provides the basis for sorting and filtering.[**RowSorter()**](http://docs.google.com/javax/swing/RowSorter.html#RowSorter()) - Constructor for class javax.swing.[RowSorter](http://docs.google.com/javax/swing/RowSorter.html) Creates a RowSorter. [**RowSorter.SortKey**](http://docs.google.com/javax/swing/RowSorter.SortKey.html) - Class in [javax.swing](http://docs.google.com/javax/swing/package-summary.html)SortKey describes the sort order for a particular column.[**RowSorter.SortKey(int, SortOrder)**](http://docs.google.com/javax/swing/RowSorter.SortKey.html#RowSorter.SortKey(int,%20javax.swing.SortOrder)) - Constructor for class javax.swing.[RowSorter.SortKey](http://docs.google.com/javax/swing/RowSorter.SortKey.html) Creates a SortKey for the specified column with the specified sort order. [**RowSorterEvent**](http://docs.google.com/javax/swing/event/RowSorterEvent.html) - Class in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html)RowSorterEvent provides notification of changes to a RowSorter.[**RowSorterEvent(RowSorter)**](http://docs.google.com/javax/swing/event/RowSorterEvent.html#RowSorterEvent(javax.swing.RowSorter)) - Constructor for class javax.swing.event.[RowSorterEvent](http://docs.google.com/javax/swing/event/RowSorterEvent.html) Creates a RowSorterEvent of type SORT\_ORDER\_CHANGED. [**RowSorterEvent(RowSorter, RowSorterEvent.Type, int[])**](http://docs.google.com/javax/swing/event/RowSorterEvent.html#RowSorterEvent(javax.swing.RowSorter,%20javax.swing.event.RowSorterEvent.Type,%20int%5B%5D)) - Constructor for class javax.swing.event.[RowSorterEvent](http://docs.google.com/javax/swing/event/RowSorterEvent.html) Creates a RowSorterEvent. [**RowSorterEvent.Type**](http://docs.google.com/javax/swing/event/RowSorterEvent.Type.html) - Enum in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html)Enumeration of the types of RowSorterEvents.[**RowSorterListener**](http://docs.google.com/javax/swing/event/RowSorterListener.html) - Interface in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html)RowSorterListeners are notified of changes to a RowSorter.[**ROWSPAN**](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html#ROWSPAN) - Static variable in class javax.swing.text.html.[HTML.Attribute](http://docs.google.com/javax/swing/text/html/HTML.Attribute.html)   [**rowsRemoved(TableModelEvent)**](http://docs.google.com/javax/swing/table/DefaultTableModel.html#rowsRemoved(javax.swing.event.TableModelEvent)) - Method in class javax.swing.table.[DefaultTableModel](http://docs.google.com/javax/swing/table/DefaultTableModel.html) Equivalent to fireTableChanged. [**rowsUpdated(int, int)**](http://docs.google.com/javax/swing/DefaultRowSorter.html#rowsUpdated(int,%20int)) - Method in class javax.swing.[DefaultRowSorter](http://docs.google.com/javax/swing/DefaultRowSorter.html) Invoked when rows have been changed in the underlying model between the specified range (inclusive). [**rowsUpdated(int, int, int)**](http://docs.google.com/javax/swing/DefaultRowSorter.html#rowsUpdated(int,%20int,%20int)) - Method in class javax.swing.[DefaultRowSorter](http://docs.google.com/javax/swing/DefaultRowSorter.html) Invoked when the column in the rows have been updated in the underlying model between the specified range. [**rowsUpdated(int, int)**](http://docs.google.com/javax/swing/RowSorter.html#rowsUpdated(int,%20int)) - Method in class javax.swing.[RowSorter](http://docs.google.com/javax/swing/RowSorter.html) Invoked when rows have been changed in the underlying model between the specified range (inclusive). [**rowsUpdated(int, int, int)**](http://docs.google.com/javax/swing/RowSorter.html#rowsUpdated(int,%20int,%20int)) - Method in class javax.swing.[RowSorter](http://docs.google.com/javax/swing/RowSorter.html) Invoked when the column in the rows have been updated in the underlying model between the specified range. [**rowUpdated()**](http://docs.google.com/java/sql/ResultSet.html#rowUpdated()) - Method in interface java.sql.[ResultSet](http://docs.google.com/java/sql/ResultSet.html) Retrieves whether the current row has been updated. [**rowWeights**](http://docs.google.com/java/awt/GridBagLayout.html#rowWeights) - Variable in class java.awt.[GridBagLayout](http://docs.google.com/java/awt/GridBagLayout.html) This field holds the overrides to the row weights. [**RSA\_SHA1**](http://docs.google.com/javax/xml/crypto/dsig/SignatureMethod.html#RSA_SHA1) - Static variable in interface javax.xml.crypto.dsig.[SignatureMethod](http://docs.google.com/javax/xml/crypto/dsig/SignatureMethod.html) The [RSAwithSHA1](http://www.w3.org/2000/09/xmldsig#rsa-sha1) (PKCS #1) signature method algorithm URI. [**RSA\_TYPE**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyValue.html#RSA_TYPE) - Static variable in interface javax.xml.crypto.dsig.keyinfo.[KeyValue](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyValue.html) URI identifying the RSA KeyValue KeyInfo type: http://www.w3.org/2000/09/xmldsig#RSAKeyValue. [**RSAKey**](http://docs.google.com/java/security/interfaces/RSAKey.html) - Interface in [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html)The interface to an RSA public or private key.[**RSAKeyGenParameterSpec**](http://docs.google.com/java/security/spec/RSAKeyGenParameterSpec.html) - Class in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html)This class specifies the set of parameters used to generate an RSA key pair.[**RSAKeyGenParameterSpec(int, BigInteger)**](http://docs.google.com/java/security/spec/RSAKeyGenParameterSpec.html#RSAKeyGenParameterSpec(int,%20java.math.BigInteger)) - Constructor for class java.security.spec.[RSAKeyGenParameterSpec](http://docs.google.com/java/security/spec/RSAKeyGenParameterSpec.html) Constructs a new RSAParameterSpec object from the given keysize and public-exponent value. [**RSAMultiPrimePrivateCrtKey**](http://docs.google.com/java/security/interfaces/RSAMultiPrimePrivateCrtKey.html) - Interface in [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html)The interface to an RSA multi-prime private key, as defined in the PKCS#1 v2.1, using the *Chinese Remainder Theorem* (CRT) information values.[**RSAMultiPrimePrivateCrtKeySpec**](http://docs.google.com/java/security/spec/RSAMultiPrimePrivateCrtKeySpec.html) - Class in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html)This class specifies an RSA multi-prime private key, as defined in the PKCS#1 v2.1, using the Chinese Remainder Theorem (CRT) information values for efficiency.[**RSAMultiPrimePrivateCrtKeySpec(BigInteger, BigInteger, BigInteger, BigInteger, BigInteger, BigInteger, BigInteger, BigInteger, RSAOtherPrimeInfo[])**](http://docs.google.com/java/security/spec/RSAMultiPrimePrivateCrtKeySpec.html#RSAMultiPrimePrivateCrtKeySpec(java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.security.spec.RSAOtherPrimeInfo%5B%5D)) - Constructor for class java.security.spec.[RSAMultiPrimePrivateCrtKeySpec](http://docs.google.com/java/security/spec/RSAMultiPrimePrivateCrtKeySpec.html) Creates a new RSAMultiPrimePrivateCrtKeySpec given the modulus, publicExponent, privateExponent, primeP, primeQ, primeExponentP, primeExponentQ, crtCoefficient, and otherPrimeInfo as defined in PKCS#1 v2.1. [**RSAOtherPrimeInfo**](http://docs.google.com/java/security/spec/RSAOtherPrimeInfo.html) - Class in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html)This class represents the triplet (prime, exponent, and coefficient) inside RSA's OtherPrimeInfo structure, as defined in the PKCS#1 v2.1.[**RSAOtherPrimeInfo(BigInteger, BigInteger, BigInteger)**](http://docs.google.com/java/security/spec/RSAOtherPrimeInfo.html#RSAOtherPrimeInfo(java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger)) - Constructor for class java.security.spec.[RSAOtherPrimeInfo](http://docs.google.com/java/security/spec/RSAOtherPrimeInfo.html) Creates a new RSAOtherPrimeInfo given the prime, primeExponent, and crtCoefficient as defined in PKCS#1. [**RSAPrivateCrtKey**](http://docs.google.com/java/security/interfaces/RSAPrivateCrtKey.html) - Interface in [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html)The interface to an RSA private key, as defined in the PKCS#1 standard, using the *Chinese Remainder Theorem* (CRT) information values.[**RSAPrivateCrtKeySpec**](http://docs.google.com/java/security/spec/RSAPrivateCrtKeySpec.html) - Class in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html)This class specifies an RSA private key, as defined in the PKCS#1 standard, using the Chinese Remainder Theorem (CRT) information values for efficiency.[**RSAPrivateCrtKeySpec(BigInteger, BigInteger, BigInteger, BigInteger, BigInteger, BigInteger, BigInteger, BigInteger)**](http://docs.google.com/java/security/spec/RSAPrivateCrtKeySpec.html#RSAPrivateCrtKeySpec(java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger,%20java.math.BigInteger)) - Constructor for class java.security.spec.[RSAPrivateCrtKeySpec](http://docs.google.com/java/security/spec/RSAPrivateCrtKeySpec.html) Creates a new RSAPrivateCrtKeySpec given the modulus, publicExponent, privateExponent, primeP, primeQ, primeExponentP, primeExponentQ, and crtCoefficient as defined in PKCS#1. [**RSAPrivateKey**](http://docs.google.com/java/security/interfaces/RSAPrivateKey.html) - Interface in [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html)The interface to an RSA private key.[**RSAPrivateKeySpec**](http://docs.google.com/java/security/spec/RSAPrivateKeySpec.html) - Class in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html)This class specifies an RSA private key.[**RSAPrivateKeySpec(BigInteger, BigInteger)**](http://docs.google.com/java/security/spec/RSAPrivateKeySpec.html#RSAPrivateKeySpec(java.math.BigInteger,%20java.math.BigInteger)) - Constructor for class java.security.spec.[RSAPrivateKeySpec](http://docs.google.com/java/security/spec/RSAPrivateKeySpec.html) Creates a new RSAPrivateKeySpec. [**RSAPublicKey**](http://docs.google.com/java/security/interfaces/RSAPublicKey.html) - Interface in [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html)The interface to an RSA public key.[**RSAPublicKeySpec**](http://docs.google.com/java/security/spec/RSAPublicKeySpec.html) - Class in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html)This class specifies an RSA public key.[**RSAPublicKeySpec(BigInteger, BigInteger)**](http://docs.google.com/java/security/spec/RSAPublicKeySpec.html#RSAPublicKeySpec(java.math.BigInteger,%20java.math.BigInteger)) - Constructor for class java.security.spec.[RSAPublicKeySpec](http://docs.google.com/java/security/spec/RSAPublicKeySpec.html) Creates a new RSAPublicKeySpec. [**RTFEditorKit**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html) - Class in [javax.swing.text.rtf](http://docs.google.com/javax/swing/text/rtf/package-summary.html)This is the default implementation of RTF editing functionality.[**RTFEditorKit()**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html#RTFEditorKit()) - Constructor for class javax.swing.text.rtf.[RTFEditorKit](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html) Constructs an RTFEditorKit. [**RuleBasedCollator**](http://docs.google.com/java/text/RuleBasedCollator.html) - Class in [java.text](http://docs.google.com/java/text/package-summary.html)The RuleBasedCollator class is a concrete subclass of Collator that provides a simple, data-driven, table collator.[**RuleBasedCollator(String)**](http://docs.google.com/java/text/RuleBasedCollator.html#RuleBasedCollator(java.lang.String)) - Constructor for class java.text.[RuleBasedCollator](http://docs.google.com/java/text/RuleBasedCollator.html) RuleBasedCollator constructor. [**RULER**](http://docs.google.com/javax/accessibility/AccessibleRole.html#RULER) - Static variable in class javax.accessibility.[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) A ruler is an object used to measure distance [**run()**](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html#run()) - Method in class java.awt.image.renderable.[RenderableImageProducer](http://docs.google.com/java/awt/image/renderable/RenderableImageProducer.html) The runnable method for this class. [**run()**](http://docs.google.com/java/lang/Runnable.html#run()) - Method in interface java.lang.[Runnable](http://docs.google.com/java/lang/Runnable.html) When an object implementing interface Runnable is used to create a thread, starting the thread causes the object's run method to be called in that separately executing thread. [**run()**](http://docs.google.com/java/lang/Thread.html#run()) - Method in class java.lang.[Thread](http://docs.google.com/java/lang/Thread.html) If this thread was constructed using a separate Runnable run object, then that Runnable object's run method is called; otherwise, this method does nothing and returns. [**run()**](http://docs.google.com/java/security/PrivilegedAction.html#run()) - Method in interface java.security.[PrivilegedAction](http://docs.google.com/java/security/PrivilegedAction.html) Performs the computation. [**run()**](http://docs.google.com/java/security/PrivilegedExceptionAction.html#run()) - Method in interface java.security.[PrivilegedExceptionAction](http://docs.google.com/java/security/PrivilegedExceptionAction.html) Performs the computation. [**run()**](http://docs.google.com/java/util/concurrent/FutureTask.html#run()) - Method in class java.util.concurrent.[FutureTask](http://docs.google.com/java/util/concurrent/FutureTask.html) Sets this Future to the result of its computation unless it has been cancelled. [**run()**](http://docs.google.com/java/util/concurrent/RunnableFuture.html#run()) - Method in interface java.util.concurrent.[RunnableFuture](http://docs.google.com/java/util/concurrent/RunnableFuture.html) Sets this Future to the result of its computation unless it has been cancelled. [**run()**](http://docs.google.com/java/util/TimerTask.html#run()) - Method in class java.util.[TimerTask](http://docs.google.com/java/util/TimerTask.html) The action to be performed by this timer task. [**run()**](http://docs.google.com/javax/swing/SwingWorker.html#run()) - Method in class javax.swing.[SwingWorker](http://docs.google.com/javax/swing/SwingWorker.html) Sets this Future to the result of computation unless it has been cancelled. [**run()**](http://docs.google.com/javax/swing/text/AsyncBoxView.ChildState.html#run()) - Method in class javax.swing.text.[AsyncBoxView.ChildState](http://docs.google.com/javax/swing/text/AsyncBoxView.ChildState.html) Update the child state. [**run(InputStream, OutputStream, OutputStream, String...)**](http://docs.google.com/javax/tools/Tool.html#run(java.io.InputStream,%20java.io.OutputStream,%20java.io.OutputStream,%20java.lang.String...)) - Method in interface javax.tools.[Tool](http://docs.google.com/javax/tools/Tool.html) Run the tool with the given I/O channels and arguments. [**run()**](http://docs.google.com/org/omg/CORBA/ORB.html#run()) - Method in class org.omg.CORBA.[ORB](http://docs.google.com/org/omg/CORBA/ORB.html) This operation blocks the current thread until the ORB has completed the shutdown process, initiated when some thread calls shutdown. [**RUN\_DIRECTION**](http://docs.google.com/java/awt/font/TextAttribute.html#RUN_DIRECTION) - Static variable in class java.awt.font.[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) Attribute key for the run direction of the line. [**RUN\_DIRECTION\_LTR**](http://docs.google.com/java/awt/font/TextAttribute.html#RUN_DIRECTION_LTR) - Static variable in class java.awt.font.[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) Left-to-right run direction. [**RUN\_DIRECTION\_RTL**](http://docs.google.com/java/awt/font/TextAttribute.html#RUN_DIRECTION_RTL) - Static variable in class java.awt.font.[TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) Right-to-left run direction. [**runAndReset()**](http://docs.google.com/java/util/concurrent/FutureTask.html#runAndReset()) - Method in class java.util.concurrent.[FutureTask](http://docs.google.com/java/util/concurrent/FutureTask.html) Executes the computation without setting its result, and then resets this Future to initial state, failing to do so if the computation encounters an exception or is cancelled. [**runCount**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#runCount) - Variable in class javax.swing.plaf.basic.[BasicTabbedPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html)   [**runFinalization()**](http://docs.google.com/java/lang/Runtime.html#runFinalization()) - Method in class java.lang.[Runtime](http://docs.google.com/java/lang/Runtime.html) Runs the finalization methods of any objects pending finalization. [**runFinalization()**](http://docs.google.com/java/lang/System.html#runFinalization()) - Static method in class java.lang.[System](http://docs.google.com/java/lang/System.html) Runs the finalization methods of any objects pending finalization. [**runFinalizersOnExit(boolean)**](http://docs.google.com/java/lang/Runtime.html#runFinalizersOnExit(boolean)) - Static method in class java.lang.[Runtime](http://docs.google.com/java/lang/Runtime.html) **Deprecated.** *This method is inherently unsafe. It may result in finalizers being called on live objects while other threads are concurrently manipulating those objects, resulting in erratic behavior or deadlock.* [**runFinalizersOnExit(boolean)**](http://docs.google.com/java/lang/System.html#runFinalizersOnExit(boolean)) - Static method in class java.lang.[System](http://docs.google.com/java/lang/System.html) **Deprecated.** *This method is inherently unsafe. It may result in finalizers being called on live objects while other threads are concurrently manipulating those objects, resulting in erratic behavior or deadlock.* [**RUNIC**](http://docs.google.com/java/lang/Character.UnicodeBlock.html#RUNIC) - Static variable in class java.lang.[Character.UnicodeBlock](http://docs.google.com/java/lang/Character.UnicodeBlock.html) Constant for the "Runic" Unicode character block. [**runnable**](http://docs.google.com/java/awt/event/InvocationEvent.html#runnable) - Variable in class java.awt.event.[InvocationEvent](http://docs.google.com/java/awt/event/InvocationEvent.html) The Runnable whose run() method will be called. [**Runnable**](http://docs.google.com/java/lang/Runnable.html) - Interface in [java.lang](http://docs.google.com/java/lang/package-summary.html)The Runnable interface should be implemented by any class whose instances are intended to be executed by a thread.[**RunnableFuture**](http://docs.google.com/java/util/concurrent/RunnableFuture.html)<[V](http://docs.google.com/java/util/concurrent/RunnableFuture.html)> - Interface in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html)A [Future](http://docs.google.com/java/util/concurrent/Future.html) that is [Runnable](http://docs.google.com/java/lang/Runnable.html).[**RunnableScheduledFuture**](http://docs.google.com/java/util/concurrent/RunnableScheduledFuture.html)<[V](http://docs.google.com/java/util/concurrent/RunnableScheduledFuture.html)> - Interface in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html)A [ScheduledFuture](http://docs.google.com/java/util/concurrent/ScheduledFuture.html) that is [Runnable](http://docs.google.com/java/lang/Runnable.html).[**Runtime**](http://docs.google.com/java/lang/Runtime.html) - Class in [java.lang](http://docs.google.com/java/lang/package-summary.html)Every Java application has a single instance of class Runtime that allows the application to interface with the environment in which the application is running.[**RunTime**](http://docs.google.com/org/omg/SendingContext/RunTime.html) - Interface in [org.omg.SendingContext](http://docs.google.com/org/omg/SendingContext/package-summary.html)Defines the base class that represents the Sending Context of a request.[**RUNTIME\_ERROR**](http://docs.google.com/javax/management/monitor/MonitorNotification.html#RUNTIME_ERROR) - Static variable in class javax.management.monitor.[MonitorNotification](http://docs.google.com/javax/management/monitor/MonitorNotification.html) Notification type denoting that a non-predefined error type has occurred when trying to get the value of the observed attribute. [**RUNTIME\_ERROR\_NOTIFIED**](http://docs.google.com/javax/management/monitor/Monitor.html#RUNTIME_ERROR_NOTIFIED) - Static variable in class javax.management.monitor.[Monitor](http://docs.google.com/javax/management/monitor/Monitor.html) Flag denoting that a notification has occurred after changing the observed object or the observed attribute. [**RUNTIME\_MXBEAN\_NAME**](http://docs.google.com/java/lang/management/ManagementFactory.html#RUNTIME_MXBEAN_NAME) - Static variable in class java.lang.management.[ManagementFactory](http://docs.google.com/java/lang/management/ManagementFactory.html) String representation of the ObjectName for the [RuntimeMXBean](http://docs.google.com/java/lang/management/RuntimeMXBean.html). [**RuntimeErrorException**](http://docs.google.com/javax/management/RuntimeErrorException.html) - Exception in [javax.management](http://docs.google.com/javax/management/package-summary.html)When a java.lang.Error occurs in the agent it should be caught and re-thrown as a RuntimeErrorException.[**RuntimeErrorException(Error)**](http://docs.google.com/javax/management/RuntimeErrorException.html#RuntimeErrorException(java.lang.Error)) - Constructor for exception javax.management.[RuntimeErrorException](http://docs.google.com/javax/management/RuntimeErrorException.html) Default constructor. [**RuntimeErrorException(Error, String)**](http://docs.google.com/javax/management/RuntimeErrorException.html#RuntimeErrorException(java.lang.Error,%20java.lang.String)) - Constructor for exception javax.management.[RuntimeErrorException](http://docs.google.com/javax/management/RuntimeErrorException.html) Constructor that allows a specific error message to be specified. [**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html) - Exception in [java.lang](http://docs.google.com/java/lang/package-summary.html)RuntimeException is the superclass of those exceptions that can be thrown during the normal operation of the Java Virtual Machine.[**RuntimeException()**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException()) - Constructor for exception java.lang.[RuntimeException](http://docs.google.com/java/lang/RuntimeException.html) Constructs a new runtime exception with null as its detail message. [**RuntimeException(String)**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException(java.lang.String)) - Constructor for exception java.lang.[RuntimeException](http://docs.google.com/java/lang/RuntimeException.html) Constructs a new runtime exception with the specified detail message. [**RuntimeException(String, Throwable)**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException(java.lang.String,%20java.lang.Throwable)) - Constructor for exception java.lang.[RuntimeException](http://docs.google.com/java/lang/RuntimeException.html) Constructs a new runtime exception with the specified detail message and cause. [**RuntimeException(Throwable)**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException(java.lang.Throwable)) - Constructor for exception java.lang.[RuntimeException](http://docs.google.com/java/lang/RuntimeException.html) Constructs a new runtime exception with the specified cause and a detail message of (cause==null ? null : cause.toString()) (which typically contains the class and detail message of cause). [**RuntimeMBeanException**](http://docs.google.com/javax/management/RuntimeMBeanException.html) - Exception in [javax.management](http://docs.google.com/javax/management/package-summary.html)Represents runtime exceptions thrown by MBean methods in the agent.[**RuntimeMBeanException(RuntimeException)**](http://docs.google.com/javax/management/RuntimeMBeanException.html#RuntimeMBeanException(java.lang.RuntimeException)) - Constructor for exception javax.management.[RuntimeMBeanException](http://docs.google.com/javax/management/RuntimeMBeanException.html) Creates a RuntimeMBeanException that wraps the actual java.lang.RuntimeException. [**RuntimeMBeanException(RuntimeException, String)**](http://docs.google.com/javax/management/RuntimeMBeanException.html#RuntimeMBeanException(java.lang.RuntimeException,%20java.lang.String)) - Constructor for exception javax.management.[RuntimeMBeanException](http://docs.google.com/javax/management/RuntimeMBeanException.html) Creates a RuntimeMBeanException that wraps the actual java.lang.RuntimeException with a detailed message. [**RuntimeMXBean**](http://docs.google.com/java/lang/management/RuntimeMXBean.html) - Interface in [java.lang.management](http://docs.google.com/java/lang/management/package-summary.html)The management interface for the runtime system of the Java virtual machine.[**RunTimeOperations**](http://docs.google.com/org/omg/SendingContext/RunTimeOperations.html) - Interface in [org.omg.SendingContext](http://docs.google.com/org/omg/SendingContext/package-summary.html)Defines operations on the base class that represents the Sending Context of a request.[**RuntimeOperationsException**](http://docs.google.com/javax/management/RuntimeOperationsException.html) - Exception in [javax.management](http://docs.google.com/javax/management/package-summary.html)Represents runtime exceptions thrown in the agent when performing operations on MBeans.[**RuntimeOperationsException(RuntimeException)**](http://docs.google.com/javax/management/RuntimeOperationsException.html#RuntimeOperationsException(java.lang.RuntimeException)) - Constructor for exception javax.management.[RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) Creates a RuntimeOperationsException that wraps the actual java.lang.RuntimeException. [**RuntimeOperationsException(RuntimeException, String)**](http://docs.google.com/javax/management/RuntimeOperationsException.html#RuntimeOperationsException(java.lang.RuntimeException,%20java.lang.String)) - Constructor for exception javax.management.[RuntimeOperationsException](http://docs.google.com/javax/management/RuntimeOperationsException.html) Creates a RuntimeOperationsException that wraps the actual java.lang.RuntimeException with a detailed message. [**RuntimePermission**](http://docs.google.com/java/lang/RuntimePermission.html) - Class in [java.lang](http://docs.google.com/java/lang/package-summary.html)This class is for runtime permissions.[**RuntimePermission(String)**](http://docs.google.com/java/lang/RuntimePermission.html#RuntimePermission(java.lang.String)) - Constructor for class java.lang.[RuntimePermission](http://docs.google.com/java/lang/RuntimePermission.html) Creates a new RuntimePermission with the specified name. [**RuntimePermission(String, String)**](http://docs.google.com/java/lang/RuntimePermission.html#RuntimePermission(java.lang.String,%20java.lang.String)) - Constructor for class java.lang.[RuntimePermission](http://docs.google.com/java/lang/RuntimePermission.html) Creates a new RuntimePermission object with the specified name.

| | [**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-17.html)   [**NEXT LETTER**](http://docs.google.com/index-19.html) | [**FRAMES**](http://docs.google.com/index.html?index-filesindex-18.html)    [**NO FRAMES**](http://docs.google.com/index-18.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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).