| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Image.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-useImage.html)    [**NO FRAMES**](http://docs.google.com/Image.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.Image**

| Packages that use [Image](http://docs.google.com/java/awt/Image.html) | |
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| [**java.applet**](#3znysh7) | Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context. |
| [**java.awt**](#2et92p0) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.dnd**](#tyjcwt) | Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI. |
| [**java.awt.font**](#3dy6vkm) | Provides classes and interface relating to fonts. |
| [**java.awt.im.spi**](#1t3h5sf) | Provides interfaces that enable the development of input methods that can be used with any Java runtime environment. |
| [**java.awt.image**](#4d34og8) | Provides classes for creating and modifying images. |
| [**java.beans**](#2s8eyo1) | Contains classes related to developing *beans* -- components based on the JavaBeansTM architecture. |
| [**javax.swing**](#17dp8vu) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.text.html**](#3rdcrjn) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [java.applet](http://docs.google.com/java/applet/package-summary.html) | |
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| Methods in [java.applet](http://docs.google.com/java/applet/package-summary.html) that return [Image](http://docs.google.com/java/awt/Image.html) | |
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| [Image](http://docs.google.com/java/awt/Image.html) | **Applet.**[**getImage**](http://docs.google.com/java/applet/Applet.html#getImage(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Returns an Image object that can then be painted on the screen. |
| [Image](http://docs.google.com/java/awt/Image.html) | **AppletContext.**[**getImage**](http://docs.google.com/java/applet/AppletContext.html#getImage(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Returns an Image object that can then be painted on the screen. |
| [Image](http://docs.google.com/java/awt/Image.html) | **Applet.**[**getImage**](http://docs.google.com/java/applet/Applet.html#getImage(java.net.URL,%20java.lang.String))([URL](http://docs.google.com/java/net/URL.html) url, [String](http://docs.google.com/java/lang/String.html) name)            Returns an Image object that can then be painted on the screen. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Fields in [java.awt](http://docs.google.com/java/awt/package-summary.html) declared as [Image](http://docs.google.com/java/awt/Image.html) | |
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| protected  [Image](http://docs.google.com/java/awt/Image.html) | **Component.FlipBufferStrategy.**[**drawBuffer**](http://docs.google.com/java/awt/Component.FlipBufferStrategy.html#drawBuffer)            The drawing buffer |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [Image](http://docs.google.com/java/awt/Image.html) | |
| --- | --- |
| [Image](http://docs.google.com/java/awt/Image.html) | **Toolkit.**[**createImage**](http://docs.google.com/java/awt/Toolkit.html#createImage(byte%5B%5D))(byte[] imagedata)            Creates an image which decodes the image stored in the specified byte array. |
| abstract  [Image](http://docs.google.com/java/awt/Image.html) | **Toolkit.**[**createImage**](http://docs.google.com/java/awt/Toolkit.html#createImage(byte%5B%5D,%20int,%20int))(byte[] imagedata, int imageoffset, int imagelength)            Creates an image which decodes the image stored in the specified byte array, and at the specified offset and length. |
| [Image](http://docs.google.com/java/awt/Image.html) | **Component.**[**createImage**](http://docs.google.com/java/awt/Component.html#createImage(java.awt.image.ImageProducer))([ImageProducer](http://docs.google.com/java/awt/image/ImageProducer.html) producer)            Creates an image from the specified image producer. |
| abstract  [Image](http://docs.google.com/java/awt/Image.html) | **Toolkit.**[**createImage**](http://docs.google.com/java/awt/Toolkit.html#createImage(java.awt.image.ImageProducer))([ImageProducer](http://docs.google.com/java/awt/image/ImageProducer.html) producer)            Creates an image with the specified image producer. |
| [Image](http://docs.google.com/java/awt/Image.html) | **Component.**[**createImage**](http://docs.google.com/java/awt/Component.html#createImage(int,%20int))(int width, int height)            Creates an off-screen drawable image to be used for double buffering. |
| abstract  [Image](http://docs.google.com/java/awt/Image.html) | **Toolkit.**[**createImage**](http://docs.google.com/java/awt/Toolkit.html#createImage(java.lang.String))([String](http://docs.google.com/java/lang/String.html) filename)            Returns an image which gets pixel data from the specified file. |
| abstract  [Image](http://docs.google.com/java/awt/Image.html) | **Toolkit.**[**createImage**](http://docs.google.com/java/awt/Toolkit.html#createImage(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Returns an image which gets pixel data from the specified URL. |
| protected  [Image](http://docs.google.com/java/awt/Image.html) | **Component.FlipBufferStrategy.**[**getBackBuffer**](http://docs.google.com/java/awt/Component.FlipBufferStrategy.html#getBackBuffer())() |
| [Image](http://docs.google.com/java/awt/Image.html) | **Frame.**[**getIconImage**](http://docs.google.com/java/awt/Frame.html#getIconImage())()            Returns the image to be displayed as the icon for this frame. |
| [Image](http://docs.google.com/java/awt/Image.html) | **TrayIcon.**[**getImage**](http://docs.google.com/java/awt/TrayIcon.html#getImage())()            Returns the current image used for this TrayIcon. |
| abstract  [Image](http://docs.google.com/java/awt/Image.html) | **Toolkit.**[**getImage**](http://docs.google.com/java/awt/Toolkit.html#getImage(java.lang.String))([String](http://docs.google.com/java/lang/String.html) filename)            Returns an image which gets pixel data from the specified file, whose format can be either GIF, JPEG or PNG. |
| abstract  [Image](http://docs.google.com/java/awt/Image.html) | **Toolkit.**[**getImage**](http://docs.google.com/java/awt/Toolkit.html#getImage(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) url)            Returns an image which gets pixel data from the specified URL. |
| [Image](http://docs.google.com/java/awt/Image.html) | **Image.**[**getScaledInstance**](http://docs.google.com/java/awt/Image.html#getScaledInstance(int,%20int,%20int))(int width, int height, int hints)            Creates a scaled version of this image. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return types with arguments of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| [List](http://docs.google.com/java/util/List.html)<[Image](http://docs.google.com/java/awt/Image.html)> | **Window.**[**getIconImages**](http://docs.google.com/java/awt/Window.html#getIconImages())()            Returns the sequence of images to be displayed as the icon for this window. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| void | **MediaTracker.**[**addImage**](http://docs.google.com/java/awt/MediaTracker.html#addImage(java.awt.Image,%20int))([Image](http://docs.google.com/java/awt/Image.html) image, int id)            Adds an image to the list of images being tracked by this media tracker. |
| void | **MediaTracker.**[**addImage**](http://docs.google.com/java/awt/MediaTracker.html#addImage(java.awt.Image,%20int,%20int,%20int))([Image](http://docs.google.com/java/awt/Image.html) image, int id, int w, int h)            Adds a scaled image to the list of images being tracked by this media tracker. |
| int | **Component.**[**checkImage**](http://docs.google.com/java/awt/Component.html#checkImage(java.awt.Image,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) image, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Returns the status of the construction of a screen representation of the specified image. |
| int | **Component.**[**checkImage**](http://docs.google.com/java/awt/Component.html#checkImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) image, int width, int height, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Returns the status of the construction of a screen representation of the specified image. |
| abstract  int | **Toolkit.**[**checkImage**](http://docs.google.com/java/awt/Toolkit.html#checkImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) image, int width, int height, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Indicates the construction status of a specified image that is being prepared for display. |
| [Cursor](http://docs.google.com/java/awt/Cursor.html) | **Toolkit.**[**createCustomCursor**](http://docs.google.com/java/awt/Toolkit.html#createCustomCursor(java.awt.Image,%20java.awt.Point,%20java.lang.String))([Image](http://docs.google.com/java/awt/Image.html) cursor, [Point](http://docs.google.com/java/awt/Point.html) hotSpot, [String](http://docs.google.com/java/lang/String.html) name)            Creates a new custom cursor object. |
| abstract  boolean | **Graphics2D.**[**drawImage**](http://docs.google.com/java/awt/Graphics2D.html#drawImage(java.awt.Image,%20java.awt.geom.AffineTransform,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, [AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html) xform, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) obs)            Renders an image, applying a transform from image space into user space before drawing. |
| abstract  boolean | **Graphics.**[**drawImage**](http://docs.google.com/java/awt/Graphics.html#drawImage(java.awt.Image,%20int,%20int,%20java.awt.Color,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, [Color](http://docs.google.com/java/awt/Color.html) bgcolor, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Draws as much of the specified image as is currently available. |
| abstract  boolean | **Graphics.**[**drawImage**](http://docs.google.com/java/awt/Graphics.html#drawImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Draws as much of the specified image as is currently available. |
| abstract  boolean | **Graphics.**[**drawImage**](http://docs.google.com/java/awt/Graphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20java.awt.Color,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, int width, int height, [Color](http://docs.google.com/java/awt/Color.html) bgcolor, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Draws as much of the specified image as has already been scaled to fit inside the specified rectangle. |
| abstract  boolean | **Graphics.**[**drawImage**](http://docs.google.com/java/awt/Graphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, int width, int height, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Draws as much of the specified image as has already been scaled to fit inside the specified rectangle. |
| abstract  boolean | **Graphics.**[**drawImage**](http://docs.google.com/java/awt/Graphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20java.awt.Color,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int dx1, int dy1, int dx2, int dy2, int sx1, int sy1, int sx2, int sy2, [Color](http://docs.google.com/java/awt/Color.html) bgcolor, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Draws as much of the specified area of the specified image as is currently available, scaling it on the fly to fit inside the specified area of the destination drawable surface. |
| abstract  boolean | **Graphics.**[**drawImage**](http://docs.google.com/java/awt/Graphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int dx1, int dy1, int dx2, int dy2, int sx1, int sy1, int sx2, int sy2, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Draws as much of the specified area of the specified image as is currently available, scaling it on the fly to fit inside the specified area of the destination drawable surface. |
| boolean | **Component.**[**imageUpdate**](http://docs.google.com/java/awt/Component.html#imageUpdate(java.awt.Image,%20int,%20int,%20int,%20int,%20int))([Image](http://docs.google.com/java/awt/Image.html) img, int infoflags, int x, int y, int w, int h)            Repaints the component when the image has changed. |
| boolean | **Component.**[**prepareImage**](http://docs.google.com/java/awt/Component.html#prepareImage(java.awt.Image,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) image, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Prepares an image for rendering on this component. |
| boolean | **Component.**[**prepareImage**](http://docs.google.com/java/awt/Component.html#prepareImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) image, int width, int height, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Prepares an image for rendering on this component at the specified width and height. |
| abstract  boolean | **Toolkit.**[**prepareImage**](http://docs.google.com/java/awt/Toolkit.html#prepareImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) image, int width, int height, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Prepares an image for rendering. |
| void | **MediaTracker.**[**removeImage**](http://docs.google.com/java/awt/MediaTracker.html#removeImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Removes the specified image from this media tracker. |
| void | **MediaTracker.**[**removeImage**](http://docs.google.com/java/awt/MediaTracker.html#removeImage(java.awt.Image,%20int))([Image](http://docs.google.com/java/awt/Image.html) image, int id)            Removes the specified image from the specified tracking ID of this media tracker. |
| void | **MediaTracker.**[**removeImage**](http://docs.google.com/java/awt/MediaTracker.html#removeImage(java.awt.Image,%20int,%20int,%20int))([Image](http://docs.google.com/java/awt/Image.html) image, int id, int width, int height)            Removes the specified image with the specified width, height, and ID from this media tracker. |
| void | **Window.**[**setIconImage**](http://docs.google.com/java/awt/Window.html#setIconImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Sets the image to be displayed as the icon for this window. |
| void | **Frame.**[**setIconImage**](http://docs.google.com/java/awt/Frame.html#setIconImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Sets the image to be displayed as the icon for this window. |
| void | **TrayIcon.**[**setImage**](http://docs.google.com/java/awt/TrayIcon.html#setImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Sets the image for this TrayIcon. |

| Method parameters in [java.awt](http://docs.google.com/java/awt/package-summary.html) with type arguments of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| void | **Window.**[**setIconImages**](http://docs.google.com/java/awt/Window.html#setIconImages(java.util.List))([List](http://docs.google.com/java/util/List.html)<? extends [Image](http://docs.google.com/java/awt/Image.html)> icons)            Sets the sequence of images to be displayed as the icon for this window. |

| Constructors in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
| --- | --- |
| [**TrayIcon**](http://docs.google.com/java/awt/TrayIcon.html#TrayIcon(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Creates a TrayIcon with the specified image. |
| [**TrayIcon**](http://docs.google.com/java/awt/TrayIcon.html#TrayIcon(java.awt.Image,%20java.lang.String))([Image](http://docs.google.com/java/awt/Image.html) image, [String](http://docs.google.com/java/lang/String.html) tooltip)            Creates a TrayIcon with the specified image and tooltip text. |
| [**TrayIcon**](http://docs.google.com/java/awt/TrayIcon.html#TrayIcon(java.awt.Image,%20java.lang.String,%20java.awt.PopupMenu))([Image](http://docs.google.com/java/awt/Image.html) image, [String](http://docs.google.com/java/lang/String.html) tooltip, [PopupMenu](http://docs.google.com/java/awt/PopupMenu.html) popup)            Creates a TrayIcon with the specified image, tooltip and popup menu. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) | |
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| Methods in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
| --- | --- |
| protected  [DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) | **DragSource.**[**createDragSourceContext**](http://docs.google.com/java/awt/dnd/DragSource.html#createDragSourceContext(java.awt.dnd.peer.DragSourceContextPeer,%20java.awt.dnd.DragGestureEvent,%20java.awt.Cursor,%20java.awt.Image,%20java.awt.Point,%20java.awt.datatransfer.Transferable,%20java.awt.dnd.DragSourceListener))(java.awt.dnd.peer.DragSourceContextPeer dscp, [DragGestureEvent](http://docs.google.com/java/awt/dnd/DragGestureEvent.html) dgl, [Cursor](http://docs.google.com/java/awt/Cursor.html) dragCursor, [Image](http://docs.google.com/java/awt/Image.html) dragImage, [Point](http://docs.google.com/java/awt/Point.html) imageOffset, [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) t, [DragSourceListener](http://docs.google.com/java/awt/dnd/DragSourceListener.html) dsl)            Creates the DragSourceContext to handle this drag. |
| void | **DragGestureEvent.**[**startDrag**](http://docs.google.com/java/awt/dnd/DragGestureEvent.html#startDrag(java.awt.Cursor,%20java.awt.Image,%20java.awt.Point,%20java.awt.datatransfer.Transferable,%20java.awt.dnd.DragSourceListener))([Cursor](http://docs.google.com/java/awt/Cursor.html) dragCursor, [Image](http://docs.google.com/java/awt/Image.html) dragImage, [Point](http://docs.google.com/java/awt/Point.html) imageOffset, [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) transferable, [DragSourceListener](http://docs.google.com/java/awt/dnd/DragSourceListener.html) dsl)            Start the drag given the initial Cursor to display, a drag Image, the offset of the Image, the Transferable object, and the DragSourceListener to use. |
| void | **DragSource.**[**startDrag**](http://docs.google.com/java/awt/dnd/DragSource.html#startDrag(java.awt.dnd.DragGestureEvent,%20java.awt.Cursor,%20java.awt.Image,%20java.awt.Point,%20java.awt.datatransfer.Transferable,%20java.awt.dnd.DragSourceListener))([DragGestureEvent](http://docs.google.com/java/awt/dnd/DragGestureEvent.html) trigger, [Cursor](http://docs.google.com/java/awt/Cursor.html) dragCursor, [Image](http://docs.google.com/java/awt/Image.html) dragImage, [Point](http://docs.google.com/java/awt/Point.html) dragOffset, [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) transferable, [DragSourceListener](http://docs.google.com/java/awt/dnd/DragSourceListener.html) dsl)            Start a drag, given the DragGestureEvent that initiated the drag, the initial Cursor to use, the Image to drag, the offset of the Image origin from the hotspot of the Cursor at the instant of the trigger, the subject data of the drag, and the DragSourceListener. |
| void | **DragSource.**[**startDrag**](http://docs.google.com/java/awt/dnd/DragSource.html#startDrag(java.awt.dnd.DragGestureEvent,%20java.awt.Cursor,%20java.awt.Image,%20java.awt.Point,%20java.awt.datatransfer.Transferable,%20java.awt.dnd.DragSourceListener,%20java.awt.datatransfer.FlavorMap))([DragGestureEvent](http://docs.google.com/java/awt/dnd/DragGestureEvent.html) trigger, [Cursor](http://docs.google.com/java/awt/Cursor.html) dragCursor, [Image](http://docs.google.com/java/awt/Image.html) dragImage, [Point](http://docs.google.com/java/awt/Point.html) imageOffset, [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) transferable, [DragSourceListener](http://docs.google.com/java/awt/dnd/DragSourceListener.html) dsl, [FlavorMap](http://docs.google.com/java/awt/datatransfer/FlavorMap.html) flavorMap)            Start a drag, given the DragGestureEvent that initiated the drag, the initial Cursor to use, the Image to drag, the offset of the Image origin from the hotspot of the Cursor at the instant of the trigger, the Transferable subject data of the drag, the DragSourceListener, and the FlavorMap. |

| Constructors in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| [**DragSourceContext**](http://docs.google.com/java/awt/dnd/DragSourceContext.html#DragSourceContext(java.awt.dnd.peer.DragSourceContextPeer,%20java.awt.dnd.DragGestureEvent,%20java.awt.Cursor,%20java.awt.Image,%20java.awt.Point,%20java.awt.datatransfer.Transferable,%20java.awt.dnd.DragSourceListener))(java.awt.dnd.peer.DragSourceContextPeer dscp, [DragGestureEvent](http://docs.google.com/java/awt/dnd/DragGestureEvent.html) trigger, [Cursor](http://docs.google.com/java/awt/Cursor.html) dragCursor, [Image](http://docs.google.com/java/awt/Image.html) dragImage, [Point](http://docs.google.com/java/awt/Point.html) offset, [Transferable](http://docs.google.com/java/awt/datatransfer/Transferable.html) t, [DragSourceListener](http://docs.google.com/java/awt/dnd/DragSourceListener.html) dsl)            Called from DragSource, this constructor creates a new DragSourceContext given the DragSourceContextPeer for this Drag, the DragGestureEvent that triggered the Drag, the initial Cursor to use for the Drag, an (optional) Image to display while the Drag is taking place, the offset of the Image origin from the hotspot at the instant of the triggering event, the Transferable subject data, and the DragSourceListener to use during the Drag and Drop operation. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) | |
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| Constructors in [java.awt.font](http://docs.google.com/java/awt/font/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| [**ImageGraphicAttribute**](http://docs.google.com/java/awt/font/ImageGraphicAttribute.html#ImageGraphicAttribute(java.awt.Image,%20int))([Image](http://docs.google.com/java/awt/Image.html) image, int alignment)            Constucts an ImageGraphicAttribute from the specified [Image](http://docs.google.com/java/awt/Image.html). |
| [**ImageGraphicAttribute**](http://docs.google.com/java/awt/font/ImageGraphicAttribute.html#ImageGraphicAttribute(java.awt.Image,%20int,%20float,%20float))([Image](http://docs.google.com/java/awt/Image.html) image, int alignment, float originX, float originY)            Constructs an ImageGraphicAttribute from the specified Image. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [java.awt.im.spi](http://docs.google.com/java/awt/im/spi/package-summary.html) | |
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| Methods in [java.awt.im.spi](http://docs.google.com/java/awt/im/spi/package-summary.html) that return [Image](http://docs.google.com/java/awt/Image.html) | |
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| [Image](http://docs.google.com/java/awt/Image.html) | **InputMethodDescriptor.**[**getInputMethodIcon**](http://docs.google.com/java/awt/im/spi/InputMethodDescriptor.html#getInputMethodIcon(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) inputLocale)            Returns an icon for the corresponding input method. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
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| Subclasses of [Image](http://docs.google.com/java/awt/Image.html) in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
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| class | [**BufferedImage**](http://docs.google.com/java/awt/image/BufferedImage.html)            The BufferedImage subclass describes an [Image](http://docs.google.com/java/awt/Image.html) with an accessible buffer of image data. |
| class | [**VolatileImage**](http://docs.google.com/java/awt/image/VolatileImage.html)            VolatileImage is an image which can lose its contents at any time due to circumstances beyond the control of the application (e.g., situations caused by the operating system or by other applications). |

| Methods in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
| --- | --- |
| boolean | **ImageObserver.**[**imageUpdate**](http://docs.google.com/java/awt/image/ImageObserver.html#imageUpdate(java.awt.Image,%20int,%20int,%20int,%20int,%20int))([Image](http://docs.google.com/java/awt/Image.html) img, int infoflags, int x, int y, int width, int height)            This method is called when information about an image which was previously requested using an asynchronous interface becomes available. |

| Constructors in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| [**PixelGrabber**](http://docs.google.com/java/awt/image/PixelGrabber.html#PixelGrabber(java.awt.Image,%20int,%20int,%20int,%20int,%20boolean))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, int w, int h, boolean forceRGB)            Create a PixelGrabber object to grab the (x, y, w, h) rectangular section of pixels from the specified image. |
| [**PixelGrabber**](http://docs.google.com/java/awt/image/PixelGrabber.html#PixelGrabber(java.awt.Image,%20int,%20int,%20int,%20int,%20int%5B%5D,%20int,%20int))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, int w, int h, int[] pix, int off, int scansize)            Create a PixelGrabber object to grab the (x, y, w, h) rectangular section of pixels from the specified image into the given array. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [java.beans](http://docs.google.com/java/beans/package-summary.html) | |
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| Methods in [java.beans](http://docs.google.com/java/beans/package-summary.html) that return [Image](http://docs.google.com/java/awt/Image.html) | |
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| [Image](http://docs.google.com/java/awt/Image.html) | **SimpleBeanInfo.**[**getIcon**](http://docs.google.com/java/beans/SimpleBeanInfo.html#getIcon(int))(int iconKind)            Claim there are no icons available. |
| [Image](http://docs.google.com/java/awt/Image.html) | **BeanInfo.**[**getIcon**](http://docs.google.com/java/beans/BeanInfo.html#getIcon(int))(int iconKind)            This method returns an image object that can be used to represent the bean in toolboxes, toolbars, etc. |
| [Image](http://docs.google.com/java/awt/Image.html) | **SimpleBeanInfo.**[**loadImage**](http://docs.google.com/java/beans/SimpleBeanInfo.html#loadImage(java.lang.String))([String](http://docs.google.com/java/lang/String.html) resourceName)            This is a utility method to help in loading icon images. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Fields in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) declared as [Image](http://docs.google.com/java/awt/Image.html) | |
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| protected  [Image](http://docs.google.com/java/awt/Image.html) | **JViewport.**[**backingStoreImage**](http://docs.google.com/javax/swing/JViewport.html#backingStoreImage)            The view image used for a backing store. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [Image](http://docs.google.com/java/awt/Image.html) | |
| --- | --- |
| static [Image](http://docs.google.com/java/awt/Image.html) | **GrayFilter.**[**createDisabledImage**](http://docs.google.com/javax/swing/GrayFilter.html#createDisabledImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) i)            Creates a disabled image |
| [Image](http://docs.google.com/java/awt/Image.html) | **ImageIcon.**[**getImage**](http://docs.google.com/javax/swing/ImageIcon.html#getImage())()            Returns this icon's Image. |
| [Image](http://docs.google.com/java/awt/Image.html) | **RepaintManager.**[**getOffscreenBuffer**](http://docs.google.com/javax/swing/RepaintManager.html#getOffscreenBuffer(java.awt.Component,%20int,%20int))([Component](http://docs.google.com/java/awt/Component.html) c, int proposedWidth, int proposedHeight)            Return the offscreen buffer that should be used as a double buffer with the component c. |
| [Image](http://docs.google.com/java/awt/Image.html) | **RepaintManager.**[**getVolatileOffscreenBuffer**](http://docs.google.com/javax/swing/RepaintManager.html#getVolatileOffscreenBuffer(java.awt.Component,%20int,%20int))([Component](http://docs.google.com/java/awt/Component.html) c, int proposedWidth, int proposedHeight)            Return a volatile offscreen buffer that should be used as a double buffer with the specified component c. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| static [Image](http://docs.google.com/java/awt/Image.html) | **GrayFilter.**[**createDisabledImage**](http://docs.google.com/javax/swing/GrayFilter.html#createDisabledImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) i)            Creates a disabled image |
| boolean | **DebugGraphics.**[**drawImage**](http://docs.google.com/javax/swing/DebugGraphics.html#drawImage(java.awt.Image,%20int,%20int,%20java.awt.Color,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, [Color](http://docs.google.com/java/awt/Color.html) bgcolor, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Overrides Graphics.drawImage. |
| boolean | **DebugGraphics.**[**drawImage**](http://docs.google.com/javax/swing/DebugGraphics.html#drawImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Overrides Graphics.drawImage. |
| boolean | **DebugGraphics.**[**drawImage**](http://docs.google.com/javax/swing/DebugGraphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20java.awt.Color,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, int width, int height, [Color](http://docs.google.com/java/awt/Color.html) bgcolor, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Overrides Graphics.drawImage. |
| boolean | **DebugGraphics.**[**drawImage**](http://docs.google.com/javax/swing/DebugGraphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int x, int y, int width, int height, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Overrides Graphics.drawImage. |
| boolean | **DebugGraphics.**[**drawImage**](http://docs.google.com/javax/swing/DebugGraphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20java.awt.Color,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int dx1, int dy1, int dx2, int dy2, int sx1, int sy1, int sx2, int sy2, [Color](http://docs.google.com/java/awt/Color.html) bgcolor, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Overrides Graphics.drawImage. |
| boolean | **DebugGraphics.**[**drawImage**](http://docs.google.com/javax/swing/DebugGraphics.html#drawImage(java.awt.Image,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20int,%20java.awt.image.ImageObserver))([Image](http://docs.google.com/java/awt/Image.html) img, int dx1, int dy1, int dx2, int dy2, int sx1, int sy1, int sx2, int sy2, [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html) observer)            Overrides Graphics.drawImage. |
| boolean | **JLabel.**[**imageUpdate**](http://docs.google.com/javax/swing/JLabel.html#imageUpdate(java.awt.Image,%20int,%20int,%20int,%20int,%20int))([Image](http://docs.google.com/java/awt/Image.html) img, int infoflags, int x, int y, int w, int h)            This is overridden to return false if the current Icon's Image is not equal to the passed in Image img. |
| boolean | **AbstractButton.**[**imageUpdate**](http://docs.google.com/javax/swing/AbstractButton.html#imageUpdate(java.awt.Image,%20int,%20int,%20int,%20int,%20int))([Image](http://docs.google.com/java/awt/Image.html) img, int infoflags, int x, int y, int w, int h)            This is overridden to return false if the current Icon's Image is not equal to the passed in Image img. |
| protected  void | **ImageIcon.**[**loadImage**](http://docs.google.com/javax/swing/ImageIcon.html#loadImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Loads the image, returning only when the image is loaded. |
| void | **JFrame.**[**setIconImage**](http://docs.google.com/javax/swing/JFrame.html#setIconImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Sets the image to be displayed as the icon for this window. |
| void | **ImageIcon.**[**setImage**](http://docs.google.com/javax/swing/ImageIcon.html#setImage(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Sets the image displayed by this icon. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Image](http://docs.google.com/java/awt/Image.html) | |
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| [**ImageIcon**](http://docs.google.com/javax/swing/ImageIcon.html#ImageIcon(java.awt.Image))([Image](http://docs.google.com/java/awt/Image.html) image)            Creates an ImageIcon from an image object. |
| [**ImageIcon**](http://docs.google.com/javax/swing/ImageIcon.html#ImageIcon(java.awt.Image,%20java.lang.String))([Image](http://docs.google.com/java/awt/Image.html) image, [String](http://docs.google.com/java/lang/String.html) description)            Creates an ImageIcon from the image. |

| Uses of [Image](http://docs.google.com/java/awt/Image.html) in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
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| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that return [Image](http://docs.google.com/java/awt/Image.html) | |
| --- | --- |
| [Image](http://docs.google.com/java/awt/Image.html) | **ImageView.**[**getImage**](http://docs.google.com/javax/swing/text/html/ImageView.html#getImage())()            Returns the image to render. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Image.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-useImage.html)    [**NO FRAMES**](http://docs.google.com/Image.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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