| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Point.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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-usePoint.html)    [**NO FRAMES**](http://docs.google.com/Point.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.Point**

| Packages that use [Point](http://docs.google.com/java/awt/Point.html) | |
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| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.dnd**](#2et92p0) | Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI. |
| [**java.awt.event**](#tyjcwt) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**java.awt.image**](#3dy6vkm) | Provides classes for creating and modifying images. |
| [**javax.accessibility**](#1t3h5sf) | Defines a contract between user-interface components and an assistive technology that provides access to those components. |
| [**javax.imageio**](#4d34og8) | The main package of the Java Image I/O API. |
| [**javax.swing**](#2s8eyo1) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf**](#17dp8vu) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |
| [**javax.swing.plaf.basic**](#3rdcrjn) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#26in1rg) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.plaf.multi**](#lnxbz9) | Provides user interface objects that combine two or more look and feels. |
| [**javax.swing.table**](#35nkun2) | Provides classes and interfaces for dealing with javax.swing.JTable. |
| [**javax.swing.text**](#1ksv4uv) | Provides classes and interfaces that deal with editable and noneditable text components. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| [Point](http://docs.google.com/java/awt/Point.html) | **GraphicsEnvironment.**[**getCenterPoint**](http://docs.google.com/java/awt/GraphicsEnvironment.html#getCenterPoint())()            Returns the Point where Windows should be centered. |
| [Point](http://docs.google.com/java/awt/Point.html) | **GridBagLayout.**[**getLayoutOrigin**](http://docs.google.com/java/awt/GridBagLayout.html#getLayoutOrigin())()            Determines the origin of the layout area, in the graphics coordinate space of the target container. |
| [Point](http://docs.google.com/java/awt/Point.html) | **MenuComponent.AccessibleAWTMenuComponent.**[**getLocation**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#getLocation())()            Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space. |
| [Point](http://docs.google.com/java/awt/Point.html) | **List.AccessibleAWTList.AccessibleAWTListChild.**[**getLocation**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#getLocation())()            Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Rectangle.**[**getLocation**](http://docs.google.com/java/awt/Rectangle.html#getLocation())()            Returns the location of this Rectangle. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.**[**getLocation**](http://docs.google.com/java/awt/Component.html#getLocation())()            Gets the location of this component in the form of a point specifying the component's top-left corner. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.AccessibleAWTComponent.**[**getLocation**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocation())()            Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Point.**[**getLocation**](http://docs.google.com/java/awt/Point.html#getLocation())()            Returns the location of this point. |
| [Point](http://docs.google.com/java/awt/Point.html) | **PointerInfo.**[**getLocation**](http://docs.google.com/java/awt/PointerInfo.html#getLocation())()            Returns the Point that represents the coordinates of the pointer on the screen. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.**[**getLocation**](http://docs.google.com/java/awt/Component.html#getLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) rv)            Stores the x,y origin of this component into "return value" **rv** and return **rv**. |
| [Point](http://docs.google.com/java/awt/Point.html) | **MenuComponent.AccessibleAWTMenuComponent.**[**getLocationOnScreen**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#getLocationOnScreen())()            Returns the location of the object on the screen. |
| [Point](http://docs.google.com/java/awt/Point.html) | **List.AccessibleAWTList.AccessibleAWTListChild.**[**getLocationOnScreen**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#getLocationOnScreen())()            Returns the location of the object on the screen. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.**[**getLocationOnScreen**](http://docs.google.com/java/awt/Component.html#getLocationOnScreen())()            Gets the location of this component in the form of a point specifying the component's top-left corner in the screen's coordinate space. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.AccessibleAWTComponent.**[**getLocationOnScreen**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocationOnScreen())()            Returns the location of the object on the screen. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.**[**getMousePosition**](http://docs.google.com/java/awt/Component.html#getMousePosition())()            Returns the position of the mouse pointer in this Component's coordinate space if the Component is directly under the mouse pointer, otherwise returns null. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Container.**[**getMousePosition**](http://docs.google.com/java/awt/Container.html#getMousePosition(boolean))(boolean allowChildren)            Returns the position of the mouse pointer in this Container's coordinate space if the Container is under the mouse pointer, otherwise returns null. |
| [Point](http://docs.google.com/java/awt/Point.html) | **ScrollPane.**[**getScrollPosition**](http://docs.google.com/java/awt/ScrollPane.html#getScrollPosition())()            Returns the current x,y position within the child which is displayed at the 0,0 location of the scrolled panel's view port. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.**[**location**](http://docs.google.com/java/awt/Component.html#location())()  **Deprecated.** *As of JDK version 1.1, replaced by getLocation().* |
| [Point](http://docs.google.com/java/awt/Point.html) | **GridBagLayout.**[**location**](http://docs.google.com/java/awt/GridBagLayout.html#location(int,%20int))(int x, int y)            Determines which cell in the layout grid contains the point specified by (x, y). |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| void | **Rectangle.**[**add**](http://docs.google.com/java/awt/Rectangle.html#add(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) pt)            Adds the specified Point to the bounds of this Rectangle. |
| boolean | **MenuComponent.AccessibleAWTMenuComponent.**[**contains**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object. |
| boolean | **List.AccessibleAWTList.AccessibleAWTListChild.**[**contains**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object. |
| boolean | **Rectangle.**[**contains**](http://docs.google.com/java/awt/Rectangle.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether or not this Rectangle contains the specified Point. |
| boolean | **Component.**[**contains**](http://docs.google.com/java/awt/Component.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether this component "contains" the specified point, where the point's *x* and *y* coordinates are defined to be relative to the coordinate system of this component. |
| boolean | **Component.AccessibleAWTComponent.**[**contains**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object. |
| boolean | **Polygon.**[**contains**](http://docs.google.com/java/awt/Polygon.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Determines whether the specified [Point](http://docs.google.com/java/awt/Point.html) is inside this Polygon. |
| [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. |
| [Component](http://docs.google.com/java/awt/Component.html) | **Container.**[**findComponentAt**](http://docs.google.com/java/awt/Container.html#findComponentAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Locates the visible child component that contains the specified point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **MenuComponent.AccessibleAWTMenuComponent.**[**getAccessibleAt**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **Container.AccessibleAWTContainer.**[**getAccessibleAt**](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **List.AccessibleAWTList.**[**getAccessibleAt**](http://docs.google.com/java/awt/List.AccessibleAWTList.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child contained at the local coordinate Point, if one exists. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **List.AccessibleAWTList.AccessibleAWTListChild.**[**getAccessibleAt**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **Component.AccessibleAWTComponent.**[**getAccessibleAt**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Component](http://docs.google.com/java/awt/Component.html) | **Container.**[**getComponentAt**](http://docs.google.com/java/awt/Container.html#getComponentAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Gets the component that contains the specified point. |
| [Component](http://docs.google.com/java/awt/Component.html) | **Component.**[**getComponentAt**](http://docs.google.com/java/awt/Component.html#getComponentAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the component or subcomponent that contains the specified point. |
| int | **TextComponent.AccessibleAWTTextComponent.**[**getIndexAtPoint**](http://docs.google.com/java/awt/TextComponent.AccessibleAWTTextComponent.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Component.**[**getLocation**](http://docs.google.com/java/awt/Component.html#getLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) rv)            Stores the x,y origin of this component into "return value" **rv** and return **rv**. |
| void | **MenuComponent.AccessibleAWTMenuComponent.**[**setLocation**](http://docs.google.com/java/awt/MenuComponent.AccessibleAWTMenuComponent.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the object relative to the parent. |
| void | **List.AccessibleAWTList.AccessibleAWTListChild.**[**setLocation**](http://docs.google.com/java/awt/List.AccessibleAWTList.AccessibleAWTListChild.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the object relative to the parent. |
| void | **Rectangle.**[**setLocation**](http://docs.google.com/java/awt/Rectangle.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Moves this Rectangle to the specified location. |
| void | **Component.**[**setLocation**](http://docs.google.com/java/awt/Component.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Moves this component to a new location. |
| void | **Component.AccessibleAWTComponent.**[**setLocation**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the object relative to the parent. |
| void | **Point.**[**setLocation**](http://docs.google.com/java/awt/Point.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the point to the specified location. |
| void | **ScrollPane.**[**setScrollPosition**](http://docs.google.com/java/awt/ScrollPane.html#setScrollPosition(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Scrolls to the specified position within the child component. |

| Constructors in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| [**Point**](http://docs.google.com/java/awt/Point.html#Point(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Constructs and initializes a point with the same location as the specified Point object. |
| [**Rectangle**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Constructs a new Rectangle whose upper-left corner is the specified Point, and whose width and height are both zero. |
| [**Rectangle**](http://docs.google.com/java/awt/Rectangle.html#Rectangle(java.awt.Point,%20java.awt.Dimension))([Point](http://docs.google.com/java/awt/Point.html) p, [Dimension](http://docs.google.com/java/awt/Dimension.html) d)            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. |

| Uses of [Point](http://docs.google.com/java/awt/Point.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) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| [Point](http://docs.google.com/java/awt/Point.html) | **DragGestureEvent.**[**getDragOrigin**](http://docs.google.com/java/awt/dnd/DragGestureEvent.html#getDragOrigin())()            Returns a Point in the coordinates of the Component over which the drag originated. |
| [Point](http://docs.google.com/java/awt/Point.html) | **DropTargetDragEvent.**[**getLocation**](http://docs.google.com/java/awt/dnd/DropTargetDragEvent.html#getLocation())()            This method returns a Point indicating the Cursor's current location within the Component's coordinates. |
| [Point](http://docs.google.com/java/awt/Point.html) | **DropTargetDropEvent.**[**getLocation**](http://docs.google.com/java/awt/dnd/DropTargetDropEvent.html#getLocation())()            This method returns a Point indicating the Cursor's current location in the Component's coordinates. |
| [Point](http://docs.google.com/java/awt/Point.html) | **DragSourceEvent.**[**getLocation**](http://docs.google.com/java/awt/dnd/DragSourceEvent.html#getLocation())()            This method returns a Point indicating the cursor location in screen coordinates at the moment this event occured, or null if the cursor location is not specified for this event. |

| Methods in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| void | **Autoscroll.**[**autoscroll**](http://docs.google.com/java/awt/dnd/Autoscroll.html#autoscroll(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) cursorLocn)            notify the Component to autoscroll |
| 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. |
| protected  [DropTarget.DropTargetAutoScroller](http://docs.google.com/java/awt/dnd/DropTarget.DropTargetAutoScroller.html) | **DropTarget.**[**createDropTargetAutoScroller**](http://docs.google.com/java/awt/dnd/DropTarget.html#createDropTargetAutoScroller(java.awt.Component,%20java.awt.Point))([Component](http://docs.google.com/java/awt/Component.html) c, [Point](http://docs.google.com/java/awt/Point.html) p)            create an embedded autoscroller |
| protected  void | **DragGestureRecognizer.**[**fireDragGestureRecognized**](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html#fireDragGestureRecognized(int,%20java.awt.Point))(int dragAction, [Point](http://docs.google.com/java/awt/Point.html) p)            Notify the DragGestureListener that a Drag and Drop initiating gesture has occurred. |
| protected  void | **DropTarget.**[**initializeAutoscrolling**](http://docs.google.com/java/awt/dnd/DropTarget.html#initializeAutoscrolling(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            initialize autoscrolling |
| 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. |
| protected  void | **DropTarget.**[**updateAutoscroll**](http://docs.google.com/java/awt/dnd/DropTarget.html#updateAutoscroll(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) dragCursorLocn)            update autoscrolling with current cursor locn |
| protected  void | **DropTarget.DropTargetAutoScroller.**[**updateLocation**](http://docs.google.com/java/awt/dnd/DropTarget.DropTargetAutoScroller.html#updateLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) newLocn)            cause autoscroll to occur |

| Constructors in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| [**DragGestureEvent**](http://docs.google.com/java/awt/dnd/DragGestureEvent.html#DragGestureEvent(java.awt.dnd.DragGestureRecognizer,%20int,%20java.awt.Point,%20java.util.List))([DragGestureRecognizer](http://docs.google.com/java/awt/dnd/DragGestureRecognizer.html) dgr, int act, [Point](http://docs.google.com/java/awt/Point.html) ori, [List](http://docs.google.com/java/util/List.html)<? extends [InputEvent](http://docs.google.com/java/awt/event/InputEvent.html)> evs)            Construct a DragGestureEvent given the DragGestureRecognizer firing this event, an int representing the user's preferred action, a Point indicating the origin of the drag, and a List of events that comprise the gesture. |
| [**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. |
| [**DropTarget.DropTargetAutoScroller**](http://docs.google.com/java/awt/dnd/DropTarget.DropTargetAutoScroller.html#DropTarget.DropTargetAutoScroller(java.awt.Component,%20java.awt.Point))([Component](http://docs.google.com/java/awt/Component.html) c, [Point](http://docs.google.com/java/awt/Point.html) p)            construct a DropTargetAutoScroller |
| [**DropTargetDragEvent**](http://docs.google.com/java/awt/dnd/DropTargetDragEvent.html#DropTargetDragEvent(java.awt.dnd.DropTargetContext,%20java.awt.Point,%20int,%20int))([DropTargetContext](http://docs.google.com/java/awt/dnd/DropTargetContext.html) dtc, [Point](http://docs.google.com/java/awt/Point.html) cursorLocn, int dropAction, int srcActions)            Construct a DropTargetDragEvent given the DropTargetContext for this operation, the location of the "Drag" Cursor's hotspot in the Component's coordinates, the user drop action, and the source drop actions. |
| [**DropTargetDropEvent**](http://docs.google.com/java/awt/dnd/DropTargetDropEvent.html#DropTargetDropEvent(java.awt.dnd.DropTargetContext,%20java.awt.Point,%20int,%20int))([DropTargetContext](http://docs.google.com/java/awt/dnd/DropTargetContext.html) dtc, [Point](http://docs.google.com/java/awt/Point.html) cursorLocn, int dropAction, int srcActions)            Construct a DropTargetDropEvent given the DropTargetContext for this operation, the location of the drag Cursor's hotspot in the Component's coordinates, the currently selected user drop action, and the current set of actions supported by the source. |
| [**DropTargetDropEvent**](http://docs.google.com/java/awt/dnd/DropTargetDropEvent.html#DropTargetDropEvent(java.awt.dnd.DropTargetContext,%20java.awt.Point,%20int,%20int,%20boolean))([DropTargetContext](http://docs.google.com/java/awt/dnd/DropTargetContext.html) dtc, [Point](http://docs.google.com/java/awt/Point.html) cursorLocn, int dropAction, int srcActions, boolean isLocal)            Construct a DropTargetEvent given the DropTargetContext for this operation, the location of the drag Cursor's hotspot in the Component's coordinates, the currently selected user drop action, the current set of actions supported by the source, and a boolean indicating if the source is in the same JVM as the target. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
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| Methods in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| [Point](http://docs.google.com/java/awt/Point.html) | **MouseEvent.**[**getLocationOnScreen**](http://docs.google.com/java/awt/event/MouseEvent.html#getLocationOnScreen())()            Returns the absolute x, y position of the event. |
| [Point](http://docs.google.com/java/awt/Point.html) | **MouseEvent.**[**getPoint**](http://docs.google.com/java/awt/event/MouseEvent.html#getPoint())()            Returns the x,y position of the event relative to the source component. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
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| Methods in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| [Point](http://docs.google.com/java/awt/Point.html)[] | **BufferedImage.**[**getWritableTileIndices**](http://docs.google.com/java/awt/image/BufferedImage.html#getWritableTileIndices())()            Returns an array of [Point](http://docs.google.com/java/awt/Point.html) objects indicating which tiles are checked out for writing. |
| [Point](http://docs.google.com/java/awt/Point.html)[] | **WritableRenderedImage.**[**getWritableTileIndices**](http://docs.google.com/java/awt/image/WritableRenderedImage.html#getWritableTileIndices())()            Returns an array of Point objects indicating which tiles are checked out for writing. |

| Methods in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createBandedRaster**](http://docs.google.com/java/awt/image/Raster.html#createBandedRaster(java.awt.image.DataBuffer,%20int,%20int,%20int,%20int%5B%5D,%20int%5B%5D,%20java.awt.Point))([DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, int w, int h, int scanlineStride, int[] bankIndices, int[] bandOffsets, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a BandedSampleModel with the specified DataBuffer, width, height, scanline stride, bank indices, and band offsets. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createBandedRaster**](http://docs.google.com/java/awt/image/Raster.html#createBandedRaster(int,%20int,%20int,%20int,%20int%5B%5D,%20int%5B%5D,%20java.awt.Point))(int dataType, int w, int h, int scanlineStride, int[] bankIndices, int[] bandOffsets, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a BandedSampleModel with the specified data type, width, height, scanline stride, bank indices and band offsets. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createBandedRaster**](http://docs.google.com/java/awt/image/Raster.html#createBandedRaster(int,%20int,%20int,%20int,%20java.awt.Point))(int dataType, int w, int h, int bands, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a BandedSampleModel with the specified data type, width, height, and number of bands. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createInterleavedRaster**](http://docs.google.com/java/awt/image/Raster.html#createInterleavedRaster(java.awt.image.DataBuffer,%20int,%20int,%20int,%20int,%20int%5B%5D,%20java.awt.Point))([DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, int w, int h, int scanlineStride, int pixelStride, int[] bandOffsets, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a PixelInterleavedSampleModel with the specified DataBuffer, width, height, scanline stride, pixel stride, and band offsets. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createInterleavedRaster**](http://docs.google.com/java/awt/image/Raster.html#createInterleavedRaster(int,%20int,%20int,%20int,%20int,%20int%5B%5D,%20java.awt.Point))(int dataType, int w, int h, int scanlineStride, int pixelStride, int[] bandOffsets, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a PixelInterleavedSampleModel with the specified data type, width, height, scanline stride, pixel stride, and band offsets. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createInterleavedRaster**](http://docs.google.com/java/awt/image/Raster.html#createInterleavedRaster(int,%20int,%20int,%20int,%20java.awt.Point))(int dataType, int w, int h, int bands, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a PixelInterleavedSampleModel with the specified data type, width, height, and number of bands. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createPackedRaster**](http://docs.google.com/java/awt/image/Raster.html#createPackedRaster(java.awt.image.DataBuffer,%20int,%20int,%20int,%20int%5B%5D,%20java.awt.Point))([DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, int w, int h, int scanlineStride, int[] bandMasks, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a SinglePixelPackedSampleModel with the specified DataBuffer, width, height, scanline stride, and band masks. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createPackedRaster**](http://docs.google.com/java/awt/image/Raster.html#createPackedRaster(java.awt.image.DataBuffer,%20int,%20int,%20int,%20java.awt.Point))([DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, int w, int h, int bitsPerPixel, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a MultiPixelPackedSampleModel with the specified DataBuffer, width, height, and bits per pixel. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createPackedRaster**](http://docs.google.com/java/awt/image/Raster.html#createPackedRaster(int,%20int,%20int,%20int%5B%5D,%20java.awt.Point))(int dataType, int w, int h, int[] bandMasks, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a SinglePixelPackedSampleModel with the specified data type, width, height, and band masks. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createPackedRaster**](http://docs.google.com/java/awt/image/Raster.html#createPackedRaster(int,%20int,%20int,%20int,%20int,%20java.awt.Point))(int dataType, int w, int h, int bands, int bitsPerBand, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster based on a packed SampleModel with the specified data type, width, height, number of bands, and bits per band. |
| static [Raster](http://docs.google.com/java/awt/image/Raster.html) | **Raster.**[**createRaster**](http://docs.google.com/java/awt/image/Raster.html#createRaster(java.awt.image.SampleModel,%20java.awt.image.DataBuffer,%20java.awt.Point))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sm, [DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) db, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a Raster with the specified SampleModel and DataBuffer. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createWritableRaster**](http://docs.google.com/java/awt/image/Raster.html#createWritableRaster(java.awt.image.SampleModel,%20java.awt.image.DataBuffer,%20java.awt.Point))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sm, [DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) db, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a WritableRaster with the specified SampleModel and DataBuffer. |
| static [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) | **Raster.**[**createWritableRaster**](http://docs.google.com/java/awt/image/Raster.html#createWritableRaster(java.awt.image.SampleModel,%20java.awt.Point))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sm, [Point](http://docs.google.com/java/awt/Point.html) location)            Creates a WritableRaster with the specified SampleModel. |

| Constructors in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| [**Raster**](http://docs.google.com/java/awt/image/Raster.html#Raster(java.awt.image.SampleModel,%20java.awt.image.DataBuffer,%20java.awt.Point))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sampleModel, [DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, [Point](http://docs.google.com/java/awt/Point.html) origin)            Constructs a Raster with the given SampleModel and DataBuffer. |
| [**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))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sampleModel, [DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) aRegion, [Point](http://docs.google.com/java/awt/Point.html) sampleModelTranslate, [Raster](http://docs.google.com/java/awt/image/Raster.html) parent)            Constructs a Raster with the given SampleModel, DataBuffer, and parent. |
| [**Raster**](http://docs.google.com/java/awt/image/Raster.html#Raster(java.awt.image.SampleModel,%20java.awt.Point))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sampleModel, [Point](http://docs.google.com/java/awt/Point.html) origin)            Constructs a Raster with the given SampleModel. |
| [**WritableRaster**](http://docs.google.com/java/awt/image/WritableRaster.html#WritableRaster(java.awt.image.SampleModel,%20java.awt.image.DataBuffer,%20java.awt.Point))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sampleModel, [DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, [Point](http://docs.google.com/java/awt/Point.html) origin)            Constructs a WritableRaster with the given SampleModel and DataBuffer. |
| [**WritableRaster**](http://docs.google.com/java/awt/image/WritableRaster.html#WritableRaster(java.awt.image.SampleModel,%20java.awt.image.DataBuffer,%20java.awt.Rectangle,%20java.awt.Point,%20java.awt.image.WritableRaster))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sampleModel, [DataBuffer](http://docs.google.com/java/awt/image/DataBuffer.html) dataBuffer, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) aRegion, [Point](http://docs.google.com/java/awt/Point.html) sampleModelTranslate, [WritableRaster](http://docs.google.com/java/awt/image/WritableRaster.html) parent)            Constructs a WritableRaster with the given SampleModel, DataBuffer, and parent. |
| [**WritableRaster**](http://docs.google.com/java/awt/image/WritableRaster.html#WritableRaster(java.awt.image.SampleModel,%20java.awt.Point))([SampleModel](http://docs.google.com/java/awt/image/SampleModel.html) sampleModel, [Point](http://docs.google.com/java/awt/Point.html) origin)            Constructs a WritableRaster with the given SampleModel. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) | |
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| Methods in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| [Point](http://docs.google.com/java/awt/Point.html) | **AccessibleComponent.**[**getLocation**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation())()            Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space. |
| [Point](http://docs.google.com/java/awt/Point.html) | **AccessibleComponent.**[**getLocationOnScreen**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen())()            Returns the location of the object on the screen. |

| Methods in [javax.accessibility](http://docs.google.com/javax/accessibility/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| boolean | **AccessibleComponent.**[**contains**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **AccessibleComponent.**[**getAccessibleAt**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| int | **AccessibleText.**[**getIndexAtPoint**](http://docs.google.com/javax/accessibility/AccessibleText.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| void | **AccessibleComponent.**[**setLocation**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the object relative to the parent. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) | |
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| Fields in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) declared as [Point](http://docs.google.com/java/awt/Point.html) | |
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| protected  [Point](http://docs.google.com/java/awt/Point.html) | **IIOParam.**[**destinationOffset**](http://docs.google.com/javax/imageio/IIOParam.html#destinationOffset)            The offset in the destination where the upper-left decoded pixel should be placed. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| [Point](http://docs.google.com/java/awt/Point.html) | **IIOParam.**[**getDestinationOffset**](http://docs.google.com/javax/imageio/IIOParam.html#getDestinationOffset())()            Returns the offset in the destination image at which pixels are to be placed. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| void | **IIOParam.**[**setDestinationOffset**](http://docs.google.com/javax/imageio/IIOParam.html#setDestinationOffset(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) destinationOffset)            Specifies the offset in the destination image at which future decoded pixels are to be placed, when reading, or where a region will be written, when writing. |

| Uses of [Point](http://docs.google.com/java/awt/Point.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 [Point](http://docs.google.com/java/awt/Point.html) | |
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| protected  [Point](http://docs.google.com/java/awt/Point.html) | **JViewport.**[**lastPaintPosition**](http://docs.google.com/javax/swing/JViewport.html#lastPaintPosition)            The last viewPosition that we've painted, so we know how much of the backing store image is valid. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| static [Point](http://docs.google.com/java/awt/Point.html) | **SwingUtilities.**[**convertPoint**](http://docs.google.com/javax/swing/SwingUtilities.html#convertPoint(java.awt.Component,%20int,%20int,%20java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) source, int x, int y, [Component](http://docs.google.com/java/awt/Component.html) destination)            Convert the point (x,y) in source coordinate system to destination coordinate system. |
| static [Point](http://docs.google.com/java/awt/Point.html) | **SwingUtilities.**[**convertPoint**](http://docs.google.com/javax/swing/SwingUtilities.html#convertPoint(java.awt.Component,%20java.awt.Point,%20java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) source, [Point](http://docs.google.com/java/awt/Point.html) aPoint, [Component](http://docs.google.com/java/awt/Component.html) destination)            Convert a aPoint in source coordinate system to destination coordinate system. |
| [Point](http://docs.google.com/java/awt/Point.html) | **TransferHandler.DropLocation.**[**getDropPoint**](http://docs.google.com/javax/swing/TransferHandler.DropLocation.html#getDropPoint())()            Returns the drop point, representing the mouse's current location within the component. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**getLocation**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getLocation())() |
| [Point](http://docs.google.com/java/awt/Point.html) | **JTable.AccessibleJTable.AccessibleJTableCell.**[**getLocation**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#getLocation())()            Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JList.AccessibleJList.AccessibleJListChild.**[**getLocation**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#getLocation())() |
| [Point](http://docs.google.com/java/awt/Point.html) | **JComponent.**[**getLocation**](http://docs.google.com/javax/swing/JComponent.html#getLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) rv)            Stores the x,y origin of this component into "return value" rv and returns rv. |
| protected  [Point](http://docs.google.com/java/awt/Point.html) | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**getLocationInJTree**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getLocationInJTree())() |
| [Point](http://docs.google.com/java/awt/Point.html) | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**getLocationOnScreen**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getLocationOnScreen())() |
| [Point](http://docs.google.com/java/awt/Point.html) | **JTable.AccessibleJTable.AccessibleJTableCell.**[**getLocationOnScreen**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#getLocationOnScreen())()            Returns the location of the object on the screen. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JList.AccessibleJList.AccessibleJListChild.**[**getLocationOnScreen**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#getLocationOnScreen())() |
| [Point](http://docs.google.com/java/awt/Point.html) | **JComponent.**[**getPopupLocation**](http://docs.google.com/javax/swing/JComponent.html#getPopupLocation(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) event)            Returns the preferred location to display the popup menu in this component's coordinate system. |
| protected  [Point](http://docs.google.com/java/awt/Point.html) | **JMenu.**[**getPopupMenuOrigin**](http://docs.google.com/javax/swing/JMenu.html#getPopupMenuOrigin())()            Computes the origin for the JMenu's popup menu. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JComponent.**[**getToolTipLocation**](http://docs.google.com/javax/swing/JComponent.html#getToolTipLocation(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) event)            Returns the tooltip location in this component's coordinate system. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JViewport.**[**getViewPosition**](http://docs.google.com/javax/swing/JViewport.html#getViewPosition())()            Returns the view coordinates that appear in the upper left hand corner of the viewport, or 0,0 if there's no view. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JList.**[**indexToLocation**](http://docs.google.com/javax/swing/JList.html#indexToLocation(int))(int index)            Returns the origin of the specified item in the list's coordinate system. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JViewport.**[**toViewCoordinates**](http://docs.google.com/javax/swing/JViewport.html#toViewCoordinates(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Converts a point in pixel coordinates to view coordinates. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| int | **JTable.**[**columnAtPoint**](http://docs.google.com/javax/swing/JTable.html#columnAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) point)            Returns the index of the column that point lies in, or -1 if the result is not in the range [0, getColumnCount()-1]. |
| [Component](http://docs.google.com/java/awt/Component.html) | **MenuSelectionManager.**[**componentForPoint**](http://docs.google.com/javax/swing/MenuSelectionManager.html#componentForPoint(java.awt.Component,%20java.awt.Point))([Component](http://docs.google.com/java/awt/Component.html) source, [Point](http://docs.google.com/java/awt/Point.html) sourcePoint)            Returns the component in the currently selected path which contains sourcePoint. |
| protected  boolean | **JViewport.**[**computeBlit**](http://docs.google.com/javax/swing/JViewport.html#computeBlit(int,%20int,%20java.awt.Point,%20java.awt.Point,%20java.awt.Dimension,%20java.awt.Rectangle))(int dx, int dy, [Point](http://docs.google.com/java/awt/Point.html) blitFrom, [Point](http://docs.google.com/java/awt/Point.html) blitTo, [Dimension](http://docs.google.com/java/awt/Dimension.html) blitSize, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) blitPaint)            Computes the parameters for a blit where the backing store image currently contains oldLoc in the upper left hand corner and we're scrolling to newLoc. |
| boolean | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**contains**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| boolean | **JTable.AccessibleJTable.AccessibleJTableCell.**[**contains**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object. |
| boolean | **JList.AccessibleJList.AccessibleJListChild.**[**contains**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| static [Point](http://docs.google.com/java/awt/Point.html) | **SwingUtilities.**[**convertPoint**](http://docs.google.com/javax/swing/SwingUtilities.html#convertPoint(java.awt.Component,%20java.awt.Point,%20java.awt.Component))([Component](http://docs.google.com/java/awt/Component.html) source, [Point](http://docs.google.com/java/awt/Point.html) aPoint, [Component](http://docs.google.com/java/awt/Component.html) destination)            Convert a aPoint in source coordinate system to destination coordinate system. |
| static void | **SwingUtilities.**[**convertPointFromScreen**](http://docs.google.com/javax/swing/SwingUtilities.html#convertPointFromScreen(java.awt.Point,%20java.awt.Component))([Point](http://docs.google.com/java/awt/Point.html) p, [Component](http://docs.google.com/java/awt/Component.html) c)            Convert a point from a screen coordinates to a component's coordinate system |
| static void | **SwingUtilities.**[**convertPointToScreen**](http://docs.google.com/javax/swing/SwingUtilities.html#convertPointToScreen(java.awt.Point,%20java.awt.Component))([Point](http://docs.google.com/java/awt/Point.html) p, [Component](http://docs.google.com/java/awt/Component.html) c)            Convert a point from a component's coordinate system to screen coordinates. |
| static [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **SwingUtilities.**[**getAccessibleAt**](http://docs.google.com/javax/swing/SwingUtilities.html#getAccessibleAt(java.awt.Component,%20java.awt.Point))([Component](http://docs.google.com/java/awt/Component.html) c, [Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child contained at the local coordinate Point, if one exists. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JTabbedPane.AccessibleJTabbedPane.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JTabbedPane.AccessibleJTabbedPane.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child contained at the local coordinate Point, if one exists. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JTree.AccessibleJTree.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JTable.AccessibleJTable.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JTable.AccessibleJTable.AccessibleJTableCell.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JList.AccessibleJList.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JList.AccessibleJList.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child contained at the local coordinate Point, if one exists. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JList.AccessibleJList.AccessibleJListChild.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JEditorPane.AccessibleJEditorPaneHTML.**[**getAccessibleAt**](http://docs.google.com/javax/swing/JEditorPane.AccessibleJEditorPaneHTML.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| int | **ProgressMonitor.AccessibleProgressMonitor.**[**getIndexAtPoint**](http://docs.google.com/javax/swing/ProgressMonitor.AccessibleProgressMonitor.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| int | **JSpinner.AccessibleJSpinner.**[**getIndexAtPoint**](http://docs.google.com/javax/swing/JSpinner.AccessibleJSpinner.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| int | **JLabel.AccessibleJLabel.**[**getIndexAtPoint**](http://docs.google.com/javax/swing/JLabel.AccessibleJLabel.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| int | **AbstractButton.AccessibleAbstractButton.**[**getIndexAtPoint**](http://docs.google.com/javax/swing/AbstractButton.AccessibleAbstractButton.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JComponent.**[**getLocation**](http://docs.google.com/javax/swing/JComponent.html#getLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) rv)            Stores the x,y origin of this component into "return value" rv and returns rv. |
| int | **JList.**[**locationToIndex**](http://docs.google.com/javax/swing/JList.html#locationToIndex(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) location)            Returns the cell index closest to the given location in the list's coordinate system. |
| int | **JTable.**[**rowAtPoint**](http://docs.google.com/javax/swing/JTable.html#rowAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) point)            Returns the index of the row that point lies in, or -1 if the result is not in the range [0, getRowCount()-1]. |
| void | **JTree.AccessibleJTree.AccessibleJTreeNode.**[**setLocation**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| void | **JTable.AccessibleJTable.AccessibleJTableCell.**[**setLocation**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the object relative to the parent. |
| void | **JList.AccessibleJList.AccessibleJListChild.**[**setLocation**](http://docs.google.com/javax/swing/JList.AccessibleJList.AccessibleJListChild.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| void | **JViewport.**[**setViewPosition**](http://docs.google.com/javax/swing/JViewport.html#setViewPosition(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the view coordinates that appear in the upper left hand corner of the viewport, does nothing if there's no view. |
| [Point](http://docs.google.com/java/awt/Point.html) | **JViewport.**[**toViewCoordinates**](http://docs.google.com/javax/swing/JViewport.html#toViewCoordinates(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Converts a point in pixel coordinates to view coordinates. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| [**TransferHandler.DropLocation**](http://docs.google.com/javax/swing/TransferHandler.DropLocation.html#TransferHandler.DropLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) dropPoint)            Constructs a drop location for the given point. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
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| Methods in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| abstract  [Point](http://docs.google.com/java/awt/Point.html) | **ListUI.**[**indexToLocation**](http://docs.google.com/javax/swing/plaf/ListUI.html#indexToLocation(javax.swing.JList,%20int))([JList](http://docs.google.com/javax/swing/JList.html) list, int index)            Returns the origin in the given JList, of the specified item, in the list's coordinate system. |

| Methods in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | **TextUI.**[**getToolTipText**](http://docs.google.com/javax/swing/plaf/TextUI.html#getToolTipText(javax.swing.text.JTextComponent,%20java.awt.Point))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, [Point](http://docs.google.com/java/awt/Point.html) pt)            Returns the string to be used as the tooltip at the passed in location. |
| abstract  int | **ListUI.**[**locationToIndex**](http://docs.google.com/javax/swing/plaf/ListUI.html#locationToIndex(javax.swing.JList,%20java.awt.Point))([JList](http://docs.google.com/javax/swing/JList.html) list, [Point](http://docs.google.com/java/awt/Point.html) location)            Returns the cell index in the specified JList closest to the given location in the list's coordinate system. |
| abstract  int | **TextUI.**[**viewToModel**](http://docs.google.com/javax/swing/plaf/TextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, [Point](http://docs.google.com/java/awt/Point.html) pt)            Converts the given place in the view coordinate system to the nearest representative location in the model. |
| abstract  int | **TextUI.**[**viewToModel**](http://docs.google.com/javax/swing/plaf/TextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point,%20javax.swing.text.Position.Bias%5B%5D))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, [Point](http://docs.google.com/java/awt/Point.html) pt, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasReturn)            Provides a mapping from the view coordinate space to the logical coordinate space of the model. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [Point](http://docs.google.com/java/awt/Point.html) | |
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| protected  [Point](http://docs.google.com/java/awt/Point.html) | **BasicToolBarUI.DockingListener.**[**origin**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.DockingListener.html#origin) |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| [Point](http://docs.google.com/java/awt/Point.html) | **BasicToolBarUI.DragWindow.**[**getOffset**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.DragWindow.html#getOffset())() |
| protected  [Point](http://docs.google.com/java/awt/Point.html) | **BasicProgressBarUI.**[**getStringPlacement**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getStringPlacement(java.awt.Graphics,%20java.lang.String,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [String](http://docs.google.com/java/lang/String.html) progressString, int x, int y, int width, int height)            Designate the place where the progress string will be painted. |
| [Point](http://docs.google.com/java/awt/Point.html) | **BasicListUI.**[**indexToLocation**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.html#indexToLocation(javax.swing.JList,%20int))([JList](http://docs.google.com/javax/swing/JList.html) list, int index)            Returns the origin in the given JList, of the specified item, in the list's coordinate system. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| boolean | **BasicToolBarUI.**[**canDock**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#canDock(java.awt.Component,%20java.awt.Point))([Component](http://docs.google.com/java/awt/Component.html) c, [Point](http://docs.google.com/java/awt/Point.html) p) |
| protected  void | **BasicToolBarUI.**[**dragTo**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#dragTo(java.awt.Point,%20java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) position, [Point](http://docs.google.com/java/awt/Point.html) origin) |
| protected  void | **BasicToolBarUI.**[**floatAt**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#floatAt(java.awt.Point,%20java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) position, [Point](http://docs.google.com/java/awt/Point.html) origin) |
| [String](http://docs.google.com/java/lang/String.html) | **BasicTextUI.**[**getToolTipText**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getToolTipText(javax.swing.text.JTextComponent,%20java.awt.Point))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, [Point](http://docs.google.com/java/awt/Point.html) pt)            Returns the string to be used as the tooltip at the passed in location. |
| int | **BasicListUI.**[**locationToIndex**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.html#locationToIndex(javax.swing.JList,%20java.awt.Point))([JList](http://docs.google.com/javax/swing/JList.html) list, [Point](http://docs.google.com/java/awt/Point.html) location)            Returns the cell index in the specified JList closest to the given location in the list's coordinate system. |
| void | **BasicToolBarUI.**[**setFloating**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#setFloating(boolean,%20java.awt.Point))(boolean b, [Point](http://docs.google.com/java/awt/Point.html) p) |
| void | **BasicToolBarUI.DragWindow.**[**setOffset**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.DragWindow.html#setOffset(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| int | **BasicTextUI.**[**viewToModel**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) tc, [Point](http://docs.google.com/java/awt/Point.html) pt)            Converts the given place in the view coordinate system to the nearest representative location in the model. |
| int | **BasicTextUI.**[**viewToModel**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point,%20javax.swing.text.Position.Bias%5B%5D))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) tc, [Point](http://docs.google.com/java/awt/Point.html) pt, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasReturn)            Converts the given place in the view coordinate system to the nearest representative location in the model. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
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| Methods in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| protected  void | **MetalToolBarUI.**[**setDragOffset**](http://docs.google.com/javax/swing/plaf/metal/MetalToolBarUI.html#setDragOffset(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | |
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| Methods in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| [Point](http://docs.google.com/java/awt/Point.html) | **MultiListUI.**[**indexToLocation**](http://docs.google.com/javax/swing/plaf/multi/MultiListUI.html#indexToLocation(javax.swing.JList,%20int))([JList](http://docs.google.com/javax/swing/JList.html) a, int b)            Invokes the indexToLocation method on each UI handled by this object. |

| Methods in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | **MultiTextUI.**[**getToolTipText**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#getToolTipText(javax.swing.text.JTextComponent,%20java.awt.Point))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) a, [Point](http://docs.google.com/java/awt/Point.html) b)            Invokes the getToolTipText method on each UI handled by this object. |
| int | **MultiListUI.**[**locationToIndex**](http://docs.google.com/javax/swing/plaf/multi/MultiListUI.html#locationToIndex(javax.swing.JList,%20java.awt.Point))([JList](http://docs.google.com/javax/swing/JList.html) a, [Point](http://docs.google.com/java/awt/Point.html) b)            Invokes the locationToIndex method on each UI handled by this object. |
| int | **MultiTextUI.**[**viewToModel**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) a, [Point](http://docs.google.com/java/awt/Point.html) b)            Invokes the viewToModel method on each UI handled by this object. |
| int | **MultiTextUI.**[**viewToModel**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point,%20javax.swing.text.Position.Bias%5B%5D))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) a, [Point](http://docs.google.com/java/awt/Point.html) b, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] c)            Invokes the viewToModel method on each UI handled by this object. |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) | |
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| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
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| [Point](http://docs.google.com/java/awt/Point.html) | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**getLocation**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#getLocation())() |
| [Point](http://docs.google.com/java/awt/Point.html) | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**getLocationOnScreen**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#getLocationOnScreen())() |

| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
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| int | **JTableHeader.**[**columnAtPoint**](http://docs.google.com/javax/swing/table/JTableHeader.html#columnAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) point)            Returns the index of the column that point lies in, or -1 if it lies out of bounds. |
| boolean | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**contains**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JTableHeader.AccessibleJTableHeader.**[**getAccessibleAt**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**getAccessibleAt**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |
| void | **JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.**[**setLocation**](http://docs.google.com/javax/swing/table/JTableHeader.AccessibleJTableHeader.AccessibleJTableHeaderEntry.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p) |

| Uses of [Point](http://docs.google.com/java/awt/Point.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| [Point](http://docs.google.com/java/awt/Point.html) | **DefaultCaret.**[**getMagicCaretPosition**](http://docs.google.com/javax/swing/text/DefaultCaret.html#getMagicCaretPosition())()            Gets the saved caret position. |
| [Point](http://docs.google.com/java/awt/Point.html) | **Caret.**[**getMagicCaretPosition**](http://docs.google.com/javax/swing/text/Caret.html#getMagicCaretPosition())()            Gets the current caret visual location. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Point](http://docs.google.com/java/awt/Point.html) | |
| --- | --- |
| int | **JTextComponent.AccessibleJTextComponent.**[**getIndexAtPoint**](http://docs.google.com/javax/swing/text/JTextComponent.AccessibleJTextComponent.html#getIndexAtPoint(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Given a point in local coordinates, return the zero-based index of the character under that Point. |
| void | **DefaultCaret.**[**setMagicCaretPosition**](http://docs.google.com/javax/swing/text/DefaultCaret.html#setMagicCaretPosition(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Saves the current caret position. |
| void | **Caret.**[**setMagicCaretPosition**](http://docs.google.com/javax/swing/text/Caret.html#setMagicCaretPosition(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Set the current caret visual location. |
| int | **JTextComponent.**[**viewToModel**](http://docs.google.com/javax/swing/text/JTextComponent.html#viewToModel(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) pt)            Converts the given place in the view coordinate system to the nearest representative location in the model. |

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