

java.awt.*

Toolkit, Cursor, Robot

Serializable

Cursor

```
Cursor (int type)
# Cursor (String name)

Static Methods
Cursor getDefaultCursor ()
Cursor getPredefinedCursor (int type)
Cursor getSystemCustomCursor (String name)

Accessors
String getName ()
int getType ()

Object
# void finalize ()
String toString ()

int DEFAULT_CURSOR, CROSSHAIR_CURSOR,
TEXT_CURSOR, WAIT_CURSOR,
SW_RESIZE_CURSOR, SE_RESIZE_CURSOR,
NW_RESIZE_CURSOR, NE_RESIZE_CURSOR,
N_RESIZE_CURSOR, S_RESIZE_CURSOR,
W_RESIZE_CURSOR, E_RESIZE_CURSOR,
HAND_CURSOR, MOVE_CURSOR,
CUSTOM_CURSOR
```

Robot

```
Robot ()
Robot (GraphicsDevice screen)

Accessors
int get / setAutoDelay ()
Color getPixelColor (int x, int y)
boolean is / setAutoWaitForIdle ()

Object
String toString ()

Other Public Methods
BufferedImage createScreenCapture (Rectangle screenRect)
void delay (int ms)
void keyPressed (int keycode)
void keyReleased (int keycode)
void mouseMove (int x, int y)
void mousePress (int buttons)
void mouseRelease (int buttons)
void mouseWheel (int wheelAmt)
void waitForIdle ()
```

Toolkit

```
Static Methods
Toolkit getDefaultToolkit ()
# Container getNativeContainer (Component c)
String getProperty (String key, String defaultValue)

Accessors
Dimension getBestCursorSize (int preferredWidth, int preferredHeight)
ColorModel getColorModel ()
Object getDesktopProperty (String propertyName)
Image getImage (String filename)
Image getImage (URL url)
boolean get / setLockingKeyState (int keyCode)
int getMaximumCursorColors ()
int getMenuShortcutKeyMask ()
PrintJob getPrintJob (Frame frame, String jobtitle, Properties props)
PrintJob getPrintJob (Frame frame, String jobtitle, JobAttributes jobAttributes,
PageAttributes pageAttributes)
Insets getScreenInsets (GraphicsConfiguration gc)
int getScreenResolution ()
Dimension getScreenSize ()
Clipboard getSystemClipboard ()
Clipboard getSystemSelection ()
boolean isDynamicLayoutActive ()
boolean isDynamicLayoutSet ()
boolean isFrameStateSupported (int state)
# void setDesktopProperty (String name, Object newValue)
# void setDynamicLayout (boolean dynamic)

Event Methods
void addAWTEventListener (AWTEventListener listener, long eventMask)
void add / removePropertyChangeListener (String name,
PropertyChangeListener pcl)
DragGestureRecognizer createDragGestureRecognizer (Class abstractRecognizerClass,
DragSource ds, Component c, int srcActions, DragGestureListener dgl)
DragSourceContextPeer createDragSourceContextPeer (DragGestureEvent dge)
AWTEventListener[] getAWTEventListeners ()
AWTEventListener[] getAWTEventListeners (long eventMask)
PropertyChangeListener[] getPropertyChangeListeners ()
PropertyChangeListener[] getPropertyChangeListeners (String propertyName)
EventQueue getSystemEventQueue ()
# EventQueue getSystemEventQueueImpl ()
void removeAWTEventListener (AWTEventListener listener)

Other Public Methods
void beep ()
int checkImage (Image image, int width, int height, ImageObserver observer)
Cursor createCustomCursor (Image cursor, Point hotSpot, String name)
Image createImage (String filename)
Image createImage (URL url)
Image createImage (ImageProducer producer)
Image createImage (byte[] imagedata)
Image createImage (byte[] imagedata, int imageoffset, int imagelength)
Map mapInputMethodHighlight (InputMethodHighlight highlight)
boolean prepareImage (Image image, int width, int height, ImageObserver observer)
Object run ()
void sync ()

Other Protected Methods
# ButtonPeer createButton (Button target)
# CanvasPeer createCanvas (Canvas target)
# CheckboxPeer createCheckbox (Checkbox target)
# CheckboxMenuItemPeer createCheckboxMenuItem (CheckboxMenuItem target)
# ChoicePeer createChoice (Choice target)
# LightweightPeer createComponent (Component target)
# DialogPeer createDialog (Dialog target)
# FileDialogPeer createFileDialog (FileDialog target)
# FramePeer createFrame (Frame target)
# LabelPeer createLabel (Label target)
# ListPeer createList (java.awt.List target)
# MenuPeer createMenu (Menu target)
# MenuBarPeer createMenuBar (MenuBar target)
# MenuItemPeer createMenuItem (MenuItem target)
# PanelPeer createPanel (Panel target)
# PopupMenuPeer createPopupMenu (PopupMenu target)
# ScrollPanePeer createScrollPane (ScrollPane target)
# ScrollbarPeer createScrollbar (Scrollbar target)
# TextAreaPeer createTextArea (TextArea target)
# TextFieldPeer createTextField (TextField target)
# WindowPeer createWindow (Window target)
# void initializeDesktopProperties ()
# Object lazilyLoadDesktopProperty (String name)
# void loadSystemColors (int[] systemColors)
```