

# java.awt.\* Container

Methods from supertypes are hidden in subtypes

Serializable

ImageObserver

MenuContainer

Component

## Container

```
Container ()  
  
Accessors  
    Component getComponent (int n)  
        int getComponentCount ()  
    Component[] getComponents ()  
    FocusTraversalPolicy get / setFocusTraversalPolicy ()  
        Insets getInsets ()  
    LayoutManager get / setLayout ()  
        boolean isAncestorOf (Component c)  
        boolean is / setFocusCycleRoot ()  
        boolean isFocusTraversalPolicySet ()  
  
Collectors  
    Component add (Component comp)  
    Component add (String name, Component comp)  
    Component add (Component comp, int index)  
        void add (Component comp, Object constraints)  
        void add (Component comp, Object constraints, int index)  
    #  
        void addImpl (Component comp, Object constraints, int index)  
        void remove (int index)  
        void remove (Component comp)  
        void removeAll ()  
  
Event Methods  
        void add / removeContainerListener (ContainerListener l)  
    ContainerListener[] getContainerListeners ()  
    #  
        void processContainerEvent (ContainerEvent e)  
  
Other Methods  
    Component findComponentAt (Point p)  
    Component findComponentAt (int x, int y)  
        void paintComponents (Graphics g)  
        void printComponents (Graphics g)  
        void transferFocusDownCycle ()  
    #  
        void validateTree ()
```

javax.accessibility. Accessible

## ScrollPane

```
ScrollPane ()  
ScrollPane (int scrollbarDisplayPolicy)  
  
Adjustable getHAdjustable ()  
    int getHScrollbarHeight ()  
    Point get / setScrollPosition ()  
    int getScrollbarDisplayPolicy ()  
Adjustable getVAdjustable ()  
    int getVScrollbarWidth ()  
Dimension getViewPortSize ()  
    boolean is / setWheelScrollingEnabled ()  
    void setScrollPosition (int x, int y)  
  
int SCROLLBARS_AS_NEEDED,  
    SCROLLBARS_ALWAYS,  
    SCROLLBARS_NEVER
```

## Window

```
Window (Frame owner)  
Window (Window owner)  
Window (Window owner, GraphicsConfiguration gc)  
  
Accessors  
    Component getFocusOwner ()  
        boolean get / setFocusableWindowState ()  
    Component getMostRecentFocusOwner ()  
    Window[] getOwnedWindows ()  
    Window getOwner ()  
    String getWarningString ()  
    boolean isActive ()  
    boolean isFocusableWindow ()  
    boolean isFocused ()  
        void setLocationRelativeTo (Component c)  
  
Event Methods  
        void add / removeWindowFocusListener (WindowFocusListener l)  
        void add / removeWindowListener (WindowListener l)  
        void add / removeWindowStateListener (WindowStateListener l)  
    WindowFocusListener[] getWindowFocusListeners ()  
    WindowListener[] getWindowListeners ()  
    WindowStateListener[] getWindowStateListeners ()  
    #  
        void processWindowEvent (WindowEvent e)  
    #  
        void processWindowFocusEvent (WindowEvent e)  
    #  
        void processWindowStateEvent (WindowEvent e)  
  
Object  
    #  
        void finalize ()  
  
Other Public Methods  
        void dispose ()  
        void pack ()  
    Object run ()  
        void toBack ()  
        void toFront ()
```

## Panel

```
Panel ()  
Panel (LayoutManager layout)
```

java.applet. Applet

javax.swing. JApplet

javax.swing. JComponent

