javax.swing.* TextComponents

Methods declared in supertypes are hidden in subtypes

SwingConstants

```
int  CENTER,  TOP,  LEFT,
     BOTTOM,  RIGHT,  NORTH,
     NORTH_EAST,  EAST,
     SOUTH_EAST,  SOUTH,
     SOUTH_WEST,  WEST,
     NORTH_WEST,
     HORIZONTAL,  VERTICAL,
     LEADING,  TRAILING,
     NEXT,  PREVIOUS
```

javax.swing.text. *JTextComponent*

JTextComponent ()

Static Methods
```
        Keymap  addKeymap (String nm,  Keymap parent)
        Keymap  getKeymap (String nm)
          void  loadKeymap (Keymap map,  KeyBinding[] bindings,  Action[] actions)
        Keymap  removeKeymap (String nm)
```

Accessors
```
      Action[]  getActions ()
         Caret  get / setCaret ()
         Color  get / setCaretColor ()
           int  get / setCaretPosition ()
         Color  get / setDisabledTextColor ()
      Document  get / setDocument ()
       boolean  get / setDragEnabled ()
          char  get / setFocusAccelerator ()
   Highlighter  get / setHighlighter ()
        Keymap  get / setKeymap ()
        Insets  get / setMargin ()
NavigationFilter  get / setNavigationFilter ()
        String  getSelectedText ()
         Color  get / setSelectedTextColor ()
         Color  get / setSelectionColor ()
           int  get / setSelectionEnd ()
           int  get / setSelectionStart ()
        String  get / setText ()
        String  getText (int offs,  int len) ↯
        TextUI  get / setUI ()
       boolean  is / setEditable ()
```

Event Methods
```
          void  add / removeCaretListener (CaretListener listener)
  #       void  fireCaretUpdate (CaretEvent e)
CaretListener[]  getCaretListeners ()
```

Other Public Methods
```
          void  copy ()
          void  cut ()
     Rectangle  modelToView (int pos) ↯
          void  moveCaretPosition (int pos)
          void  paste ()
          void  read (Reader in,  Object desc) ↯
          void  replaceSelection (String content)
          void  select (int selectionStart,  int selectionEnd)
          void  selectAll ()
           int  viewToModel (Point pt)
          void  write (Writer out) ↯
```

```
String  FOCUS_ACCELERATOR_KEY,   DEFAULT_KEYMAP
```

class AccessibleJTextComponent
class **KeyBinding**

java.awt. *Component*

java.awt. **Container**

JComponent

Scrollable

```
Dimension  getPreferredScrollableViewportSize ()
      int  getScrollableBlockIncrement (Rectangle visibleRect,
               int orientation, int direction)
  boolean  getScrollableTracksViewportHeight ()
  boolean  getScrollableTracksViewportWidth ()
      int  getScrollableUnitIncrement (Rectangle visibleRect,
               int orientation, int direction)
```

NavigationFilter

Accessors
```
   int  getNextVisualPositionFrom (JTextComponent text,  int pos,
             Position.Bias bias, int direction,  Position.Bias[] biasRet) ↯
  void  setDot (FilterBypass fb,  int dot,  Position.Bias bias)
```
Other Public Methods
```
  void  moveDot (FilterBypass fb,  int dot,  Position.Bias bias)
```

class **FilterBypass**

NavigationFilter.FilterBypass

Accessors
```
 Caret  getCaret ()
  void  setDot (int dot,  Position.Bias bias)
```
Other Public Methods
```
  void  moveDot (int dot,  Position.Bias bias)
```

JTextField

JTextField ()
JTextField (String text)
JTextField (int columns)
JTextField (String text, int columns)
JTextField (Document doc, String text, int columns)

Accessors
                  Action get / setAction ()
\#   int getColumnWidth ()
                  int get / setColumns ()
                  int get / setHorizontalAlignment ()
    BoundedRangeModel getHorizontalVisibility ()
                  int get / setScrollOffset ()
               void setActionCommand (String command)
Event Methods
               void add / removeActionListener (ActionListener l)
\# PropertyChangeListener createActionPropertyChangeListener (Action a)
\#   void fireActionPerformed ()
    ActionListener[] getActionListeners ()
               void postActionEvent ()
Other Protected Methods
\#   void configurePropertiesFromAction (Action a)
\#   Document createDefaultModel ()

String notifyAction

JPasswordField

JPasswordField ()
JPasswordField (String text)
JPasswordField (int columns)
JPasswordField (String text, int columns)
JPasswordField (Document doc, String txt, int columns)

Accessors
   char get / setEchoChar ()
  char[] getPassword ()
Other Public Methods
boolean echoCharIsSet ()

JFormattedTextField

JFormattedTextField ()
JFormattedTextField (Object value)
JFormattedTextField (java.text.Format format)
JFormattedTextField (AbstractFormatter formatter)
JFormattedTextField (AbstractFormatterFactory factory)
JFormattedTextField (AbstractFormatterFactory factory, Object currentValue)

Accessors
                int get / setFocusLostBehavior ()
   AbstractFormatter getFormatter ()
AbstractFormatterFactory get / setFormatterFactory ()
            Object get / setValue ()
          boolean isEditValid ()
\#   void setFormatter (AbstractFormatter format)
Other Methods
              void commitEdit ()
\#   void invalidEdit ()

int COMMIT, COMMIT_OR_REVERT, REVERT, PERSIST

class **AbstractFormatter**
class **AbstractFormatterFactory**

JTextArea

JTextArea ()
JTextArea (String text)
JTextArea (Document doc)
JTextArea (int rows, int columns)
JTextArea (String text, int rows, int columns)
JTextArea (Document doc, String text, int rows, int columns)

Accessors
\#   int getColumnWidth ()
     int get / setColumns ()
     int getLineCount ()
     int getLineEndOffset (int line)
     int getLineOfOffset (int offset)
     int getLineStartOffset (int line)
  boolean get / setLineWrap ()
\#   int getRowHeight ()
     int get / setRows ()
     int get / setTabSize ()
  boolean get / setWrapStyleWord ()
Collectors
    void append (String str)
    void insert (String str, int pos)
Other Methods
    void replaceRange (String str, int start, int end)
\# Document createDefaultModel ()

JEditorPane

JEditorPane ()
JEditorPane (URL initialPage)
JEditorPane (String url)
JEditorPane (String type, String text)

Static Methods
    EditorKit **createEditorKitForContentType** (String type)
    String **getEditorKitClassNameForContentType** (String type)
    void **registerEditorKitForContentType** (String type,
            String classname)
    void **registerEditorKitForContentType** (String type,
            String classname, ClassLoader loader)
Accessors
    String get / setContentType ()
    EditorKit get / setEditorKit ()
    EditorKit get / setEditorKitForContentType (String type)
    URL getPage ()
\#   InputStream getStream (URL page)
    void setPage (URL page)
    void setPage (String url)
Event Methods
    void add / removeHyperlinkListener (HyperlinkListener listener)
    void fireHyperlinkUpdate (HyperlinkEvent e)
HyperlinkListener[] getHyperlinkListeners ()
Other Methods
    void read (InputStream in, Object desc)
    void scrollToReference (String reference)
\#   EditorKit createDefaultEditorKit ()

JTextPane

JTextPane ()
JTextPane (StyledDocument doc)

    AttributeSet getCharacterAttributes ()
MutableAttributeSet getInputAttributes ()
    Style get / setLogicalStyle ()
    AttributeSet getParagraphAttributes ()
    Style getStyle (String nm)
  StyledDocument get / setStyledDocument ()
\# StyledEditorKit getStyledEditorKit ()
    void setCharacterAttributes (AttributeSet attr, boolean replace)
    void setParagraphAttributes (AttributeSet attr, boolean replace)
    Style addStyle (String nm, Style parent)
    void insertComponent (Component c)
    void insertIcon (Icon g)
    void removeStyle (String nm)