



javax.swing.text.* Document

Methods declared in supertypes are hidden in subtypes

 **StyledDocument**

```
Color getBackground (AttributeSet attr)
Element getCharacterElement (int pos)
Font getFont (AttributeSet attr)
Color getForegroundColor (AttributeSet attr)
Style getLogicalStyle (int p)
Element getParagraphElement (int pos)
Style getStyle (String nm)
void setCharacterAttributes (int offset, int length, AttributeSet s, boolean replace)
void setParagraphAttributes (int offset, int length, AttributeSet s, boolean replace)
Style addStyle (String nm, Style parent)
void removeStyle (String nm)
```

 **AbstractDocument**

```
# AbstractDocument (Content data, AttributeContext context)
# AbstractDocument (Content data, AttributeContext context)

Accessors
# AttributeContext getAttributeContext ()
Element getBidiRootElement ()
# Content getContent ()
# Thread getCursorWriter ()
DocumentFilter get/setDocumentFilter ()
Dictionary get/setDocumentProperties ()
Element getParagraphElement (int pos)


Event Methods
# void fireChangedUpdate (DocumentEvent e)
# void fireInsertUpdate (DocumentEvent e)
# void fireRemoveUpdate (DocumentEvent e)
# void fireUndoableEditUpdate (UndoableEditEvent e)
DocumentListener[] getDocumentListeners ()
EventListener[] getListeners (Class listenerType)
UndoableEditListener[] getUndoableEditListeners ()
# void insertUpdate (DefaultDocumentEvent chng, AttributeSet attr)
# void postRemoveUpdate (DefaultDocumentEvent chng)
# void removeUpdate (DefaultDocumentEvent chng)

Other Public Methods
void dump (PrintStream out)
void readLock ()
void readUnlock ()
void replace (int offset, int length, String text, AttributeSet attrs)

Other Protected Methods
# Element createBranchElement (Element parent, AttributeSet a)
# Element createLeafElement (Element parent, AttributeSet a, int p0, int p1)
# void writeLock ()
# void writeUnlock ()

String ParagraphElementName, ContentElementName, SectionElementName,
BidiElementName, ElementNameAttribute

class AbstractElement
interface AttributeContext
class BranchElement
interface Content
class DefaultDocumentEvent
class ElementEdit
class LeafElement
```

 **Document**


```
Accessors
Element getDefaultRootElement ()
Position getEndPosition ()
int getLength ()
Object getProperty (Object key)
Element[] getRootElement ()
Position getStartPosition ()
String getText (int offset, int length)
void getText (int offset, int length, Segment txt)
void putProperty (Object key, Object value)

Collectors
void insertString (int offset, String str, AttributeSet a)
void remove (int offs, int len)

Event Methods
void add / removeDocumentListener (DocumentListener listener)
void add / removeUndoableEditListener (UndoableEditListener listener)

Other Public Methods
Position createPosition (int offs)
void render (Runnable r)


String StreamDescriptionProperty, TitleProperty
```


 **DefaultStyledDocument**

```
DefaultStyledDocument ()
DefaultStyledDocument (StyleContext styles)
DefaultStyledDocument (Content c, StyleContext styles)

Accessors + Collectors
Enumeration getStyleNames ()
# void insert (int offset, ElementSpec[] data)
Other Protected Methods
# void create (ElementSpec[] data)
# AbstractElement createDefaultRoot ()
# void styleChanged (Style style)

int BUFFER_SIZE_DEFAULT
class AttributeUndoableEdit
class ElementBuffer
class ElementSpec
```

 javax.swing.text.html.
HTMLDocument

 **PlainDocument**

```
PlainDocument ()
PlainDocument (Content c)
# AbstractElement createDefaultRoot ()
String tabSizeAttribute, lineLimitAttribute
```

AbstractDocument.Content

Accessors
void getChars (int where, int len, Segment txt) ↵
String getString (int where, int len) ↵
Collectors
UndoableEdit insertString (int where, String str) ↵
UndoableEdit remove (int where, int nitems) ↵
Other Public Methods
Position createPosition (int offset) ↵
int length ()

Serializable

GapContent

GapContent ()
GapContent (int initialLength)
Accessors
int getArrayLength ()
Vector getPositionsInRange (Vector v, int offset, int length)
Other Protected Methods
Object allocateArray (int len)
void resetMarksAtZero ()
void shiftEnd (int newSize)
void shiftGap (int newGapStart)
void shiftGapEndUp (int newGapEnd)
void shiftGapStartDown (int newGapStart)
void updateUndoPositions (Vector positions, int offset, int length)

Serializable

StringContent

StringContent ()
StringContent (int initialLength)
Accessors
Vector getPositionsInRange (Vector v, int offset, int length)
Other Protected Methods
void updateUndoPositions (Vector positions)

AbstractDocument.AttributeContext

Accessors + Collectors
AttributeSet getEmptySet ()
AttributeSet addAttribute (AttributeSet old, Object name, Object value)
AttributeSet add / removeAttributes (AttributeSet old, AttributeSet attr)
AttributeSet removeAttribute (AttributeSet old, Object name)
AttributeSet removeAttributes (AttributeSet old, Enumeration names)
Other Public Methods
void reclaim (AttributeSet a)

Serializable

StyleContext

StyleContext ()
Static Methods
StyleContext getDefaultStyleContext ()
Object getStaticAttribute (Object key)
Object getStaticAttributeKey (Object key)
void readAttributeSet (ObjectInputStream in, MutableAttributeSet a) ↵
void registerStaticAttributeKey (Object key)
void writeAttributeSet (ObjectOutputStream out, AttributeSet a) ↵
Accessors
Color getBackground (AttributeSet attr)
int getCompressionThreshold ()
Font getFont (AttributeSet attr)
Font getFont (String family, int style, int size)
FontMetrics getFontMetrics (Font f)
Color getForegroundColor (AttributeSet attr)
Style getStyle (String nm)
Enumeration getStyleNames ()
Collectors
Style addStyle (String nm, Style parent)
void removeStyle (String nm)
Event Methods
void add / removeChangeListener (ChangeListener l)
ChangeListener[] getChangeListeners ()
Object
String toString ()
Other Public Methods
void readAttributes (ObjectInputStream in, MutableAttributeSet a) ↵
void writeAttributes (ObjectOutputStream out, AttributeSet a) ↵
Other Protected Methods
MutableAttributeSet createLargeAttributeSet (AttributeSet a)
SmallAttributeSet createSmallAttributeSet (AttributeSet a)
String DEFAULT_STYLE
class NamedStyle
class SmallAttributeSet

javax.swing.text.html. StyleSheet

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DocumentFilter

Collectors
void insertString (FilterBypass fb, int offset, String string, AttributeSet attr) ↵
void remove (FilterBypass fb, int offset, int length) ↵
Other Public Methods
void replace (FilterBypass fb, int offset, int length, String text, AttributeSet attr) ↵
class FilterBypass

DocumentFilter.FilterBypass

Accessors + Collectors
Document getDocument ()
void insertString (int offset, String string, AttributeSet attr) ↵
void remove (int offset, int length) ↵
Other Public Methods
void replace (int offset, int length, String string, AttributeSet attr) ↵