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## SECTION A: SERVICE OBJECT

### com.sun.star.document.OfficeDocument+...

#### I. [(com.sun.star.document.OfficeDocument+..) [xref]]

The UNO service object implements multiple services, namely:

com.sun.star.text.GenericTextDocument  
 com.sun.star.document.OfficeDocument  
 com.sun.star.text.TextDocument

#### I.1. [com.sun.star.document.OfficeDocument+... [xref]] (UNO\_SERVICE) by Name

	Member Name	Type
1	ApplyFormDesignMode <java.lang.Boolean>	UNO_PROPERTY
2	AutomaticControlFocus <java.lang.Boolean>	UNO_PROPERTY
3	CharacterCount <java.lang.Integer>	UNO_PROPERTY
4	CharLocale <com.sun.star.lang.Locale>	UNO_PROPERTY
5	GenericTextDocument (com.sun.star.text)	UNO_SERVICE
6	IndexAutoMarkFileURL <java.lang.String>	UNO_PROPERTY
7	OfficeDocument (com.sun.star.document)	UNO_SERVICE
8	ParagraphCount <java.lang.Integer>	UNO_PROPERTY
9	RecordChanges <java.lang.Boolean>	UNO_PROPERTY
10	RuntimeUID <java.lang.String>	UNO_PROPERTY
11	TwoDigitYear <java.lang.Short>	UNO_PROPERTY
12	WordCount <java.lang.Integer>	UNO_PROPERTY
13	WordSeparator <java.lang.String>	UNO_PROPERTY
14	XBookmarksSupplier (com.sun.star.text)	UNO_INTERFACE
15	XChapterNumberingSupplier (com.sun.star.text)	UNO_INTERFACE
16	XDocumentEventBroadcaster (com.sun.star.document)	UNO_INTERFACE
17	XDocumentIndexesSupplier (com.sun.star.text)	UNO_INTERFACE
18	XDocumentInfoSupplier (com.sun.star.document)	UNO_INTERFACE
19	XEmbeddedScripts (com.sun.star.document)	UNO_INTERFACE
20	XEndnotesSupplier (com.sun.star.text)	UNO_INTERFACE
21	XEventBroadcaster (com.sun.star.document)	UNO_INTERFACE
22	XEventsSupplier (com.sun.star.document)	UNO_INTERFACE
23	XFootnotesSupplier (com.sun.star.text)	UNO_INTERFACE
24	XLineNumberingSupplier (com.sun.star.text)	UNO_INTERFACE
25	XModel (com.sun.star.frame)	UNO_INTERFACE
26	XModifiable (com.sun.star.util)	UNO_INTERFACE
27	XMultiServiceFactory (com.sun.star.lang)	UNO_INTERFACE
28	XNumberFormatsSupplier (com.sun.star.util)	UNO_INTERFACE
29	XPagePrintable (com.sun.star.text)	UNO_INTERFACE
30	XPrintable (com.sun.star.view)	UNO_INTERFACE

31	XPrintJobBroadcaster (com.sun.star.view)	UNO_INTERFACE
32	XPropertySet (com.sun.star.beans)	UNO_INTERFACE
33	XReferenceMarksSupplier (com.sun.star.text)	UNO_INTERFACE
34	XRefreshable (com.sun.star.util)	UNO_INTERFACE
35	XReplaceable (com.sun.star.util)	UNO_INTERFACE
36	XSearchable (com.sun.star.util)	UNO_INTERFACE
37	XStorable (com.sun.star.frame)	UNO_INTERFACE
38	XStyleFamiliesSupplier (com.sun.star.style)	UNO_INTERFACE
39	XTextDocument (com.sun.star.text)	UNO_INTERFACE
40	XTextEmbeddedObjectsSupplier (com.sun.star.text)	UNO_INTERFACE
41	XTextFieldsSupplier (com.sun.star.text)	UNO_INTERFACE
42	XTextFramesSupplier (com.sun.star.text)	UNO_INTERFACE
43	XTextGraphicObjectsSupplier (com.sun.star.text)	UNO_INTERFACE
44	XTextSectionsSupplier (com.sun.star.text)	UNO_INTERFACE
45	XTextTablesSupplier (com.sun.star.text)	UNO_INTERFACE
46	XViewDataSupplier (com.sun.star.document)	UNO_INTERFACE

## 1.2. [com.sun.star.document.OfficeDocument+... [xref]] (UNO\_SERVICE) by UNO Types

Name	
<b>UNO_INTERFACE:</b>	
1	XBookmarksSupplier (com.sun.star.text) (OPTIONAL)
2	XChapterNumberingSupplier (com.sun.star.text) (OPTIONAL)
3	XDocumentEventBroadcaster (com.sun.star.document) (OPTIONAL)
4	XDocumentIndexesSupplier (com.sun.star.text) (OPTIONAL)
5	XDocumentInfoSupplier (com.sun.star.document) (OPTIONAL)
6	XEmbeddedScripts (com.sun.star.document) (OPTIONAL)
7	XEndnotesSupplier (com.sun.star.text) (OPTIONAL)
8	XEventBroadcaster (com.sun.star.document) (OPTIONAL)
9	XEventsSupplier (com.sun.star.document) (OPTIONAL)
10	XFootnotesSupplier (com.sun.star.text) (OPTIONAL)
11	XLineNumberingSupplier (com.sun.star.text) (OPTIONAL)
12	XModel (com.sun.star.frame) (OPTIONAL)
13	XModifiable (com.sun.star.util) (OPTIONAL)
14	XMultiServiceFactory (com.sun.star.lang) (OPTIONAL)
15	XNumberFormatsSupplier (com.sun.star.util) (OPTIONAL)
16	XPagePrintable (com.sun.star.text) (OPTIONAL)
17	XPrintable (com.sun.star.view) (OPTIONAL)
18	XPrintJobBroadcaster (com.sun.star.view) (OPTIONAL)
19	XPropertySet (com.sun.star.beans) (OPTIONAL)
20	XReferenceMarksSupplier (com.sun.star.text) (OPTIONAL)
21	XRefreshable (com.sun.star.util) (OPTIONAL)
22	XReplaceable (com.sun.star.util) (OPTIONAL)

23	XSearchable (com.sun.star.util) (OPTIONAL)
24	XStorable (com.sun.star.frame) (OPTIONAL)
25	XStyleFamiliesSupplier (com.sun.star.style) (OPTIONAL)
26	XTextDocument (com.sun.star.text) (OPTIONAL)
27	XTextEmbeddedObjectsSupplier (com.sun.star.text) (OPTIONAL)
28	XTextFieldsSupplier (com.sun.star.text) (OPTIONAL)
29	XTextFramesSupplier (com.sun.star.text) (OPTIONAL)
30	XTextGraphicObjectsSupplier (com.sun.star.text) (OPTIONAL)
31	XTextSectionsSupplier (com.sun.star.text) (OPTIONAL)
32	XTextTablesSupplier (com.sun.star.text) (OPTIONAL)
33	XViewDataSupplier (com.sun.star.document) (OPTIONAL)
<b>UNO_PROPERTY:</b>	
1	ApplyFormDesignMode <java.lang.Boolean> (OPTIONAL)
2	AutomaticControlFocus <java.lang.Boolean> (OPTIONAL)
3	CharacterCount <java.lang.Integer> (OPTIONAL+READONLY)
4	CharLocale <com.sun.star.lang.Locale> (OPTIONAL)
5	IndexAutoMarkFileURL <java.lang.String> (OPTIONAL)
6	ParagraphCount <java.lang.Integer> (OPTIONAL+READONLY)
7	RecordChanges <java.lang.Boolean> (OPTIONAL)
8	RuntimeUID <java.lang.String> (OPTIONAL+READONLY)
9	TwoDigitYear <java.lang.Short> (OPTIONAL)
10	WordCount <java.lang.Integer> (OPTIONAL+READONLY)
11	WordSeparator <java.lang.String> (OPTIONAL)
<b>UNO_SERVICE:</b>	
1	GenericTextDocument (com.sun.star.text) (OPTIONAL)
2	OfficeDocument (com.sun.star.document) (OPTIONAL)

### I.3. [com.sun.star.document.OfficeDocument+...] (UNO\_SERVICE) Graphical

#### UNO\_SERVICE

com.sun.star.document.OfficeDocument+...

#### UNO\_INTERFACE

XBookmarksSupplier (com.sun.star.text)  
XChapterNumberingSupplier (com.sun.star.text)  
XDocumentEventBroadcaster (com.sun.star.document)  
XDocumentIndexesSupplier (com.sun.star.text)  
XDocumentInfoSupplier (com.sun.star.document)  
XEmbeddedScripts (com.sun.star.document)  
XEndnotesSupplier (com.sun.star.text)  
XEventBroadcaster (com.sun.star.document)  
XEventsSupplier (com.sun.star.document)  
XFootnotesSupplier (com.sun.star.text)  
XLineNumberingSupplier (com.sun.star.text)  
XModel (com.sun.star.frame)  
XModifiable (com.sun.star.util)  
XMultiServiceFactory (com.sun.star.lang)  
XNumberFormatsSupplier (com.sun.star.util)  
XPagePrintable (com.sun.star.text)  
XPrintable (com.sun.star.view)  
XPrintJobBroadcaster (com.sun.star.view)  
XPropertySet (com.sun.star.beans)  
XReferenceMarksSupplier (com.sun.star.text)  
XRefreshable (com.sun.star.util)  
XReplaceable (com.sun.star.util)  
XSearchable (com.sun.star.util)  
XStorable (com.sun.star.frame)  
XStyleFamiliesSupplier (com.sun.star.style)  
XTextDocument (com.sun.star.text)  
XTextEmbeddedObjectsSupplier (com.sun.star.text)  
XTextFieldsSupplier (com.sun.star.text)  
XTextFramesSupplier (com.sun.star.text)  
XTextGraphicObjectsSupplier (com.sun.star.text)  
XTextSectionsSupplier (com.sun.star.text)  
XTextTablesSupplier (com.sun.star.text)  
XViewDataSupplier (com.sun.star.document)

#### UNO\_PROPERTY

ApplyFormDesignMode  
AutomaticControlFocus  
CharacterCount  
CharLocale  
IndexAutoMarkFileURL  
ParagraphCount  
RecordChanges  
RuntimeUID  
TwoDigitYear  
WordCount  
WordSeparator

#### UNO\_SERVICE

GenericTextDocument (com.sun.star.text)  
OfficeDocument (com.sun.star.document)

## SECTION B: CONTAINED SERVICE OBJECTS

### I. [\[GenericTextDocument \(com.sun.star.text\) \[xref\]\]](#)

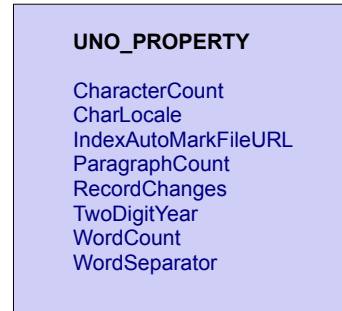
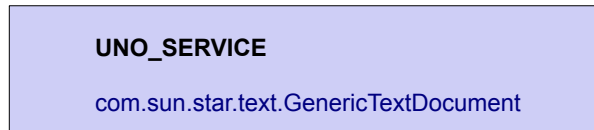
#### I.1. [\[GenericTextDocument \[xref\]\] \(UNO\\_SERVICE\)](#) by Name

	Member Name	Type
1	CharacterCount <java.lang.Integer>	UNO_PROPERTY
2	CharLocale <com.sun.star.lang.Locale>	UNO_PROPERTY
3	IndexAutoMarkFileURL <java.lang.String>	UNO_PROPERTY
4	OfficeDocument (com.sun.star.document)	UNO_SERVICE
5	ParagraphCount <java.lang.Integer>	UNO_PROPERTY
6	RecordChanges <java.lang.Boolean>	UNO_PROPERTY
7	TwoDigitYear <java.lang.Short>	UNO_PROPERTY
8	WordCount <java.lang.Integer>	UNO_PROPERTY
9	WordSeparator <java.lang.String>	UNO_PROPERTY
10	XBookmarksSupplier (com.sun.star.text)	UNO_INTERFACE
11	XChapterNumberingSupplier (com.sun.star.text)	UNO_INTERFACE
12	XDocumentIndexesSupplier (com.sun.star.text)	UNO_INTERFACE
13	XEndnotesSupplier (com.sun.star.text)	UNO_INTERFACE
14	XFootnotesSupplier (com.sun.star.text)	UNO_INTERFACE
15	XLineNumberingSupplier (com.sun.star.text)	UNO_INTERFACE
16	XMultiServiceFactory (com.sun.star.lang)	UNO_INTERFACE
17	XNumberFormatsSupplier (com.sun.star.util)	UNO_INTERFACE
18	XPagePrintable (com.sun.star.text)	UNO_INTERFACE
19	XPropertySet (com.sun.star.beans)	UNO_INTERFACE
20	XReferenceMarksSupplier (com.sun.star.text)	UNO_INTERFACE
21	XRefreshable (com.sun.star.util)	UNO_INTERFACE
22	XReplaceable (com.sun.star.util)	UNO_INTERFACE
23	XSearchable (com.sun.star.util)	UNO_INTERFACE
24	XStyleFamiliesSupplier (com.sun.star.style)	UNO_INTERFACE
25	XTextDocument (com.sun.star.text)	UNO_INTERFACE
26	XTextEmbeddedObjectsSupplier (com.sun.star.text)	UNO_INTERFACE
27	XTextFieldsSupplier (com.sun.star.text)	UNO_INTERFACE
28	XTextFramesSupplier (com.sun.star.text)	UNO_INTERFACE
29	XTextGraphicObjectsSupplier (com.sun.star.text)	UNO_INTERFACE
30	XTextSectionsSupplier (com.sun.star.text)	UNO_INTERFACE
31	XTextTablesSupplier (com.sun.star.text)	UNO_INTERFACE

#### I.2. [\[GenericTextDocument \[xref\]\] \(UNO\\_SERVICE\)](#) by UNO Types

<b>Name</b>	
<b>UNO_INTERFACE:</b>	
1	XBookmarksSupplier (com.sun.star.text) (OPTIONAL)
2	XChapterNumberingSupplier (com.sun.star.text) (OPTIONAL)
3	XDocumentIndexesSupplier (com.sun.star.text) (OPTIONAL)
4	XEndnotesSupplier (com.sun.star.text) (OPTIONAL)
5	XFootnotesSupplier (com.sun.star.text) (OPTIONAL)
6	XLineNumberingSupplier (com.sun.star.text) (OPTIONAL)
7	XMultiServiceFactory (com.sun.star.lang) (OPTIONAL)
8	XNumberFormatsSupplier (com.sun.star.util) (OPTIONAL)
9	XPagePrintable (com.sun.star.text) (OPTIONAL)
10	XPropertySet (com.sun.star.beans) (OPTIONAL)
11	XReferenceMarksSupplier (com.sun.star.text) (OPTIONAL)
12	XRefreshable (com.sun.star.util) (OPTIONAL)
13	XReplaceable (com.sun.star.util) (OPTIONAL)
14	XSearchable (com.sun.star.util) (OPTIONAL)
15	XStyleFamiliesSupplier (com.sun.star.style) (OPTIONAL)
16	XTextDocument (com.sun.star.text) (OPTIONAL)
17	XTextEmbeddedObjectsSupplier (com.sun.star.text) (OPTIONAL)
18	XTextFieldsSupplier (com.sun.star.text) (OPTIONAL)
19	XTextFramesSupplier (com.sun.star.text) (OPTIONAL)
20	XTextGraphicObjectsSupplier (com.sun.star.text) (OPTIONAL)
21	XTextSectionsSupplier (com.sun.star.text) (OPTIONAL)
22	XTextTablesSupplier (com.sun.star.text) (OPTIONAL)
<b>UNO_PROPERTY:</b>	
1	CharacterCount <java.lang.Integer> (OPTIONAL+READONLY)
2	CharLocale <com.sun.star.lang.Locale> (OPTIONAL)
3	IndexAutoMarkFileURL <java.lang.String> (OPTIONAL)
4	ParagraphCount <java.lang.Integer> (OPTIONAL+READONLY)
5	RecordChanges <java.lang.Boolean> (OPTIONAL)
6	TwoDigitYear <java.lang.Short> (OPTIONAL)
7	WordCount <java.lang.Integer> (OPTIONAL+READONLY)
8	WordSeparator <java.lang.String> (OPTIONAL)
<b>UNO_SERVICE:</b>	
1	OfficeDocument (com.sun.star.document) (OPTIONAL)

### I.3. [GenericTextDocument] (UNO\_SERVICE) Graphical





## II. [OfficeDocument (com.sun.star.document) [xref]]

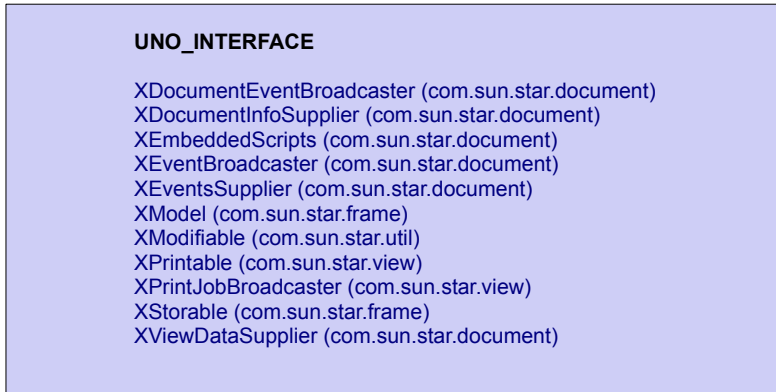
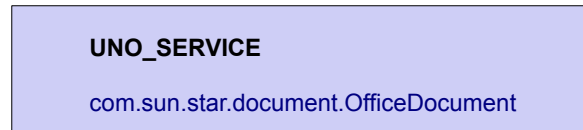
### II.1. [OfficeDocument [xref]] (UNO\_SERVICE) by Name

	Member Name	Type
1	ApplyFormDesignMode <java.lang.Boolean>	UNO_PROPERTY
2	AutomaticControlFocus <java.lang.Boolean>	UNO_PROPERTY
3	RuntimeUID <java.lang.String>	UNO_PROPERTY
4	XDocumentEventBroadcaster (com.sun.star.document)	UNO_INTERFACE
5	XDocumentInfoSupplier (com.sun.star.document)	UNO_INTERFACE
6	XEmbeddedScripts (com.sun.star.document)	UNO_INTERFACE
7	XEventBroadcaster (com.sun.star.document)	UNO_INTERFACE
8	XEventsSupplier (com.sun.star.document)	UNO_INTERFACE
9	XModel (com.sun.star.frame)	UNO_INTERFACE
10	XModifiable (com.sun.star.util)	UNO_INTERFACE
11	XPrintable (com.sun.star.view)	UNO_INTERFACE
12	XPrintJobBroadcaster (com.sun.star.view)	UNO_INTERFACE
13	XStorable (com.sun.star.frame)	UNO_INTERFACE
14	XViewDataSupplier (com.sun.star.document)	UNO_INTERFACE

### II.2. [OfficeDocument [xref]] (UNO\_SERVICE) by UNO Types

Name	
<b>UNO_INTERFACE:</b>	
1	XDocumentEventBroadcaster (com.sun.star.document) (OPTIONAL)
2	XDocumentInfoSupplier (com.sun.star.document) (OPTIONAL)
3	XEmbeddedScripts (com.sun.star.document) (OPTIONAL)
4	XEventBroadcaster (com.sun.star.document) (OPTIONAL)
5	XEventsSupplier (com.sun.star.document) (OPTIONAL)
6	XModel (com.sun.star.frame) (OPTIONAL)
7	XModifiable (com.sun.star.util) (OPTIONAL)
8	XPrintable (com.sun.star.view) (OPTIONAL)
9	XPrintJobBroadcaster (com.sun.star.view) (OPTIONAL)
10	XStorable (com.sun.star.frame) (OPTIONAL)
11	XViewDataSupplier (com.sun.star.document) (OPTIONAL)
<b>UNO_PROPERTY:</b>	
1	ApplyFormDesignMode <java.lang.Boolean> (OPTIONAL)
2	AutomaticControlFocus <java.lang.Boolean> (OPTIONAL)
3	RuntimeUID <java.lang.String> (OPTIONAL+READONLY)

### II.3. [OfficeDocument] (UNO\_SERVICE) Graphical



### III. [TextDocument (com.sun.star.text) [xref]]

#### III.1. [TextDocument [xref]] (UNO\_SERVICE) by Name

	Member Name	Type
1	GenericTextDocument (com.sun.star.text)	UNO_SERVICE

#### III.2. [TextDocument [xref]] (UNO\_SERVICE) by UNO Types

	Name
<b>UNO_SERVICE:</b>	
1	GenericTextDocument (com.sun.star.text) (OPTIONAL)

#### III.3. [TextDocument] (UNO\_SERVICE) Graphical

