

SECTION A: SERVICE OBJECT `com.sun.star.document.OfficeDocument+`...

A. [`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
```

A.1. [`com.sun.star.document.OfficeDocument+`] [*xref*] (UNO_SERVICE) by Name

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

A.2. [com.sun.star.document.OfficeDocument+... [xref]] (UNO_SERVICE) by UNO Types

Name	
UNO_INTERFACE:	
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)
UNO_PROPERTY:	
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)
UNO_SERVICE:	
1	GenericTextDocument (com.sun.star.text) (OPTIONAL)
2	OfficeDocument (com.sun.star.document) (OPTIONAL)

A.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.text)
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

A. [*GenericTextDocument* (*com.sun.star.text*) [xref]]

A.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 (<i>com.sun.star.document</i>)	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 (<i>com.sun.star.text</i>)	UNO_INTERFACE
11	XChapterNumberingSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
12	XDocumentIndexesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
13	XEndnotesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
14	XFootnotesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
15	XLineNumberingSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
16	XMultiServiceFactory (<i>com.sun.star.lang</i>)	UNO_INTERFACE
17	XNumberFormatsSupplier (<i>com.sun.star.util</i>)	UNO_INTERFACE
18	XPagePrintable (<i>com.sun.star.text</i>)	UNO_INTERFACE
19	XPropertySet (<i>com.sun.star.beans</i>)	UNO_INTERFACE
20	XReferenceMarksSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
21	XRefreshable (<i>com.sun.star.util</i>)	UNO_INTERFACE
22	XReplaceable (<i>com.sun.star.util</i>)	UNO_INTERFACE
23	XSearchable (<i>com.sun.star.util</i>)	UNO_INTERFACE
24	XStyleFamiliesSupplier (<i>com.sun.star.style</i>)	UNO_INTERFACE
25	XTextDocument (<i>com.sun.star.text</i>)	UNO_INTERFACE
26	XTextEmbeddedObjectsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
27	XTextFieldsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
28	XTextFramesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
29	XTextGraphicObjectsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
30	XTextSectionsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
31	XTextTablesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE

A.2. [*GenericTextDocument* [xref]] (UNO_SERVICE) by UNO Types

Name

UNO_INTERFACE:	
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)
UNO_PROPERTY:	
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)
UNO_SERVICE:	
1	OfficeDocument (com.sun.star.document) (OPTIONAL)

A.3. [GenericTextDocument] (UNO_SERVICE) Graphical

UNO_SERVICE

com.sun.star.text.GenericTextDocument

UNO_INTERFACE

XBookmarksSupplier (com.sun.star.text)
XChapterNumberingSupplier (com.sun.star.text)
XDocumentIndexesSupplier (com.sun.star.text)
XEndnotesSupplier (com.sun.star.text)
XFootnotesSupplier (com.sun.star.text)
XLineNumberingSupplier (com.sun.star.text)
XMultiServiceFactory (com.sun.star.lang)
XNumberFormatsSupplier (com.sun.star.util)
XPagePrintable (com.sun.star.text)
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)
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)

UNO_PROPERTY

CharacterCount
CharLocale
IndexAutoMarkFileURL
ParagraphCount
RecordChanges
TwoDigitYear
WordCount
WordSeparator

UNO_SERVICE

OfficeDocument (com.sun.star.document)

B. [OfficeDocument (com.sun.star.document) [xref]]

B.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

B.2. [OfficeDocument [xref]] (UNO_SERVICE) by UNO Types

	Name
UNO_INTERFACE:	
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)
UNO_PROPERTY:	
1	ApplyFormDesignMode <java.lang.Boolean> (OPTIONAL)
2	AutomaticControlFocus <java.lang.Boolean> (OPTIONAL)
3	RuntimeUID <java.lang.String> (OPTIONAL+READONLY)

B.3. [OfficeDocument] (UNO_SERVICE) Graphical

UNO_SERVICE

com.sun.star.document.OfficeDocument

UNO_INTERFACE

XDocumentEventBroadcaster (com.sun.star.document)
XDocumentInfoSupplier (com.sun.star.document)
XEmbeddedScripts (com.sun.star.document)
XEventBroadcaster (com.sun.star.document)
XEventsSupplier (com.sun.star.document)
XModel (com.sun.star.frame)
XModifiable (com.sun.star.util)
XPrintable (com.sun.star.view)
XPrintJobBroadcaster (com.sun.star.view)
XStorable (com.sun.star.frame)
XViewDataSupplier (com.sun.star.document)

UNO_PROPERTY

ApplyFormDesignMode
AutomaticControlFocus
RuntimeUID

C. [TextDocument (com.sun.star.text) [xref]]

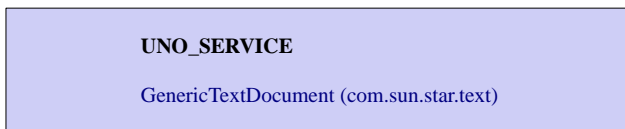
C.1. [TextDocument [xref]] (UNO_SERVICE) by Name

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

C.2. [TextDocument [xref]] (UNO_SERVICE) by UNO Types

	Name
UNO_SERVICE:	
1	GenericTextDocument (com.sun.star.text) (OPTIONAL)

C.3. [TextDocument] (UNO_SERVICE) Graphical



SECTION C: LAYER 2

A. [*GenericTextDocument* (*com.sun.star.text*) [xref]]

A.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 (<i>com.sun.star.document</i>)	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 (<i>com.sun.star.text</i>)	UNO_INTERFACE
11	XChapterNumberingSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
12	XDocumentIndexesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
13	XEndnotesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
14	XFootnotesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
15	XLineNumberingSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
16	XMultiServiceFactory (<i>com.sun.star.lang</i>)	UNO_INTERFACE
17	XNumberFormatsSupplier (<i>com.sun.star.util</i>)	UNO_INTERFACE
18	XPagePrintable (<i>com.sun.star.text</i>)	UNO_INTERFACE
19	XPropertySet (<i>com.sun.star.beans</i>)	UNO_INTERFACE
20	XReferenceMarksSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
21	XRefreshable (<i>com.sun.star.util</i>)	UNO_INTERFACE
22	XReplaceable (<i>com.sun.star.util</i>)	UNO_INTERFACE
23	XSearchable (<i>com.sun.star.util</i>)	UNO_INTERFACE
24	XStyleFamiliesSupplier (<i>com.sun.star.style</i>)	UNO_INTERFACE
25	XTextDocument (<i>com.sun.star.text</i>)	UNO_INTERFACE
26	XTextEmbeddedObjectsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
27	XTextFieldsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
28	XTextFramesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
29	XTextGraphicObjectsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
30	XTextSectionsSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE
31	XTextTablesSupplier (<i>com.sun.star.text</i>)	UNO_INTERFACE

A.2. [**GenericTextDocument** [xref]] (UNO_SERVICE) by UNO Types

Name	
UNO_INTERFACE:	
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)
UNO_PROPERTY:	
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)
UNO_SERVICE:	
1	OfficeDocument (com.sun.star.document) (OPTIONAL)

A.3. [GenericTextDocument] (UNO_SERVICE) Graphical

UNO_SERVICE

com.sun.star.text.GenericTextDocument

UNO_INTERFACE

XBookmarksSupplier (com.sun.star.text)
XChapterNumberingSupplier (com.sun.star.text)
XDocumentIndexesSupplier (com.sun.star.text)
XEndnotesSupplier (com.sun.star.text)
XFootnotesSupplier (com.sun.star.text)
XLineNumberingSupplier (com.sun.star.text)
XMultiServiceFactory (com.sun.star.lang)
XNumberFormatsSupplier (com.sun.star.util)
XPagePrintable (com.sun.star.text)
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)
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)

UNO_PROPERTY

CharacterCount
CharLocale
IndexAutoMarkFileURL
ParagraphCount
RecordChanges
TwoDigitYear
WordCount
WordSeparator

UNO_SERVICE

OfficeDocument (com.sun.star.document)

B. [OfficeDocument (com.sun.star.document) [xref]]

B.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

B.2. [OfficeDocument [xref]] (UNO_SERVICE) by UNO Types

	Name
UNO_INTERFACE:	
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)
UNO_PROPERTY:	
1	ApplyFormDesignMode <java.lang.Boolean> (OPTIONAL)
2	AutomaticControlFocus <java.lang.Boolean> (OPTIONAL)
3	RuntimeUID <java.lang.String> (OPTIONAL+READONLY)

B.3. [OfficeDocument] (UNO_SERVICE) Graphical

UNO_SERVICE

com.sun.star.document.OfficeDocument

UNO_INTERFACE

XDocumentEventBroadcaster (com.sun.star.document)
XDocumentInfoSupplier (com.sun.star.document)
XEmbeddedScripts (com.sun.star.document)
XEventBroadcaster (com.sun.star.document)
XEventsSupplier (com.sun.star.document)
XModel (com.sun.star.frame)
XModifiable (com.sun.star.util)
XPrintable (com.sun.star.view)
XPrintJobBroadcaster (com.sun.star.view)
XStorable (com.sun.star.frame)
XViewDataSupplier (com.sun.star.document)

UNO_PROPERTY

ApplyFormDesignMode
AutomaticControlFocus
RuntimeUID

C. [*XBookmarksSupplier* (*com.sun.star.text*) [xref]]

C.1. [**XBookmarksSupplier** [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getBookmarks	UNO_METHOD

C.2. [**XBookmarksSupplier** [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameAccess getBookmarks()

C.3. [**XBookmarksSupplier**] (UNO_INTERFACE) Graphical



D. [\[XChapterNumberingSupplier \(com.sun.star.text\) \[xref\]\]](#)

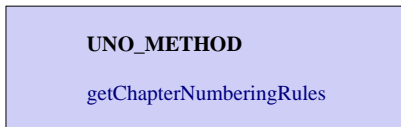
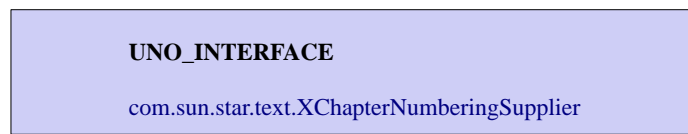
D.1. [\[XChapterNumberingSupplier \[xref\]\] \(UNO_INTERFACE\) by Name](#)

	Member Name	Type
1	<code>getChapterNumberingRules</code>	UNO_METHOD

D.2. [\[XChapterNumberingSupplier \[xref\]\] \(UNO_INTERFACE\) by UNO Types](#)

Name	
UNO_METHOD:	
1	<code>com.sun.star.container.XIndexReplace</code> getChapterNumberingRules()

D.3. [\[XChapterNumberingSupplier\] \(UNO_INTERFACE\) Graphical](#)



E. [XDocumentEventBroadcaster (com.sun.star.document) [xref]]

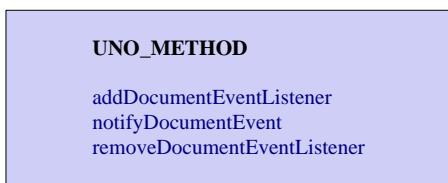
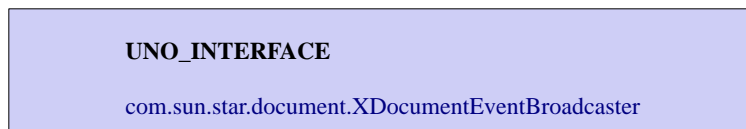
E.1. [XDocumentEventBroadcaster [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	addDocumentEventListener	UNO_METHOD
2	notifyDocumentEvent	UNO_METHOD
3	removeDocumentEventListener	UNO_METHOD

E.2. [XDocumentEventBroadcaster [xref]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	void addDocumentEventListener (com.sun.star.document.XDocumentEventListener)
2	void notifyDocumentEvent (java.lang.String, com.sun.star.frame.XController2, any) throws com.sun.star.lang.IllegalArgumentException, com.sun.star.lang.NoSupportException
3	void removeDocumentEventListener (com.sun.star.document.XDocumentEventListener)

E.3. [XDocumentEventBroadcaster] (UNO_INTERFACE) Graphical



F. *[XDocumentIndexesSupplier (com.sun.star.text) [xref]]*

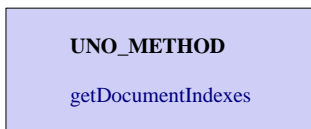
F.1. **[XDocumentIndexesSupplier [xref]] (UNO_INTERFACE) by Name**

	Member Name	Type
1	getDocumentIndexes	UNO_METHOD

F.2. **[XDocumentIndexesSupplier [xref]] (UNO_INTERFACE) by UNO Types**

Name	
UNO_METHOD:	
1	com.sun.star.container.XIndexAccess getDocumentIndexes()

F.3. **[XDocumentIndexesSupplier] (UNO_INTERFACE) Graphical**



G. [*XDocumentInfoSupplier* (*com.sun.star.document*) [xref]]

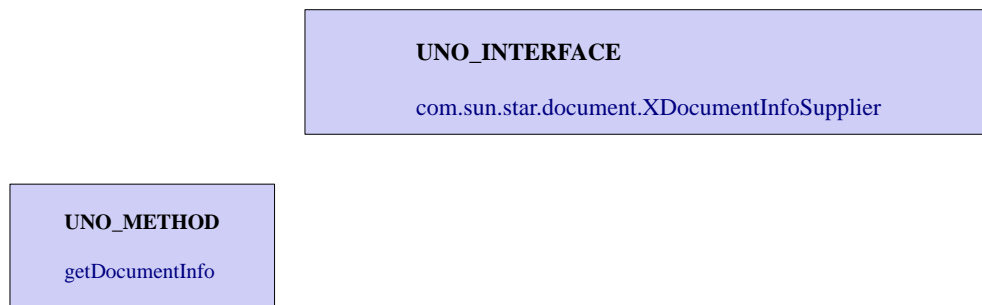
G.1. [**XDocumentInfoSupplier** [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getDocumentInfo	UNO_METHOD

G.2. [**XDocumentInfoSupplier** [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.document.XDocumentInfo getDocumentInfo()

G.3. [**XDocumentInfoSupplier**] (UNO_INTERFACE) Graphical



H. *[XEmbeddedScripts (com.sun.star.document) [xref]]*

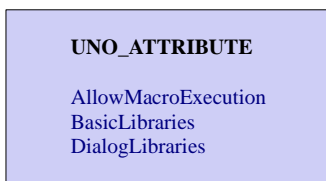
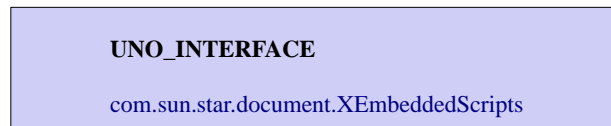
H.1. *[XEmbeddedScripts [xref]] (UNO_INTERFACE) by Name*

	Member Name	Type
1	<i>AllowMacroExecution</i> <boolean>	UNO_ATTRIBUTE
2	<i>BasicLibraries</i> <com.sun.star.script.XStorageBasedLibraryContainer>	UNO_ATTRIBUTE
3	<i>DialogLibraries</i> <com.sun.star.script.XStorageBasedLibraryContainer>	UNO_ATTRIBUTE

H.2. *[XEmbeddedScripts [xref]] (UNO_INTERFACE) by UNO Types*

Name	
UNO_ATTRIBUTE:	
1	<i>AllowMacroExecution</i> <boolean>
2	<i>BasicLibraries</i> <com.sun.star.script.XStorageBasedLibraryContainer>
3	<i>DialogLibraries</i> <com.sun.star.script.XStorageBasedLibraryContainer>

H.3. *[XEmbeddedScripts] (UNO_INTERFACE) Graphical*



I. [XEndnotesSupplier (com.sun.star.text) [xref]]

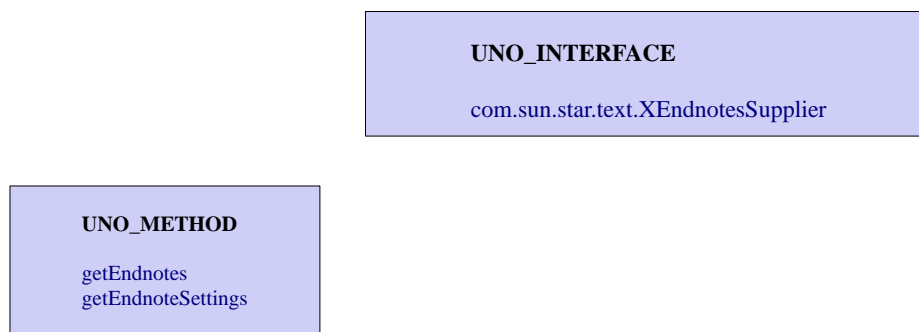
I.1. [XEndnotesSupplier [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getEndnotes	UNO_METHOD
2	getEndnoteSettings	UNO_METHOD

I.2. [XEndnotesSupplier [xref]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	com.sun.star.container.XIndexAccess getEndnotes()
2	com.sun.star.beans.XPropertySet getEndnoteSettings()

I.3. [XEndnotesSupplier] (UNO_INTERFACE) Graphical



J. [*XEventBroadcaster (com.sun.star.document) [xref]*]

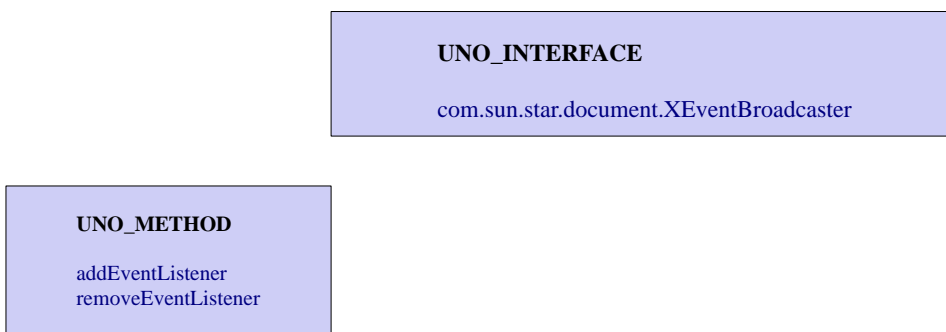
J.1. [**XEventBroadcaster [xref]**] (UNO_INTERFACE) by Name

	Member Name	Type
1	addEventListener	UNO_METHOD
2	removeEventListener	UNO_METHOD

J.2. [**XEventBroadcaster [xref]**] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	void addEventListener (com.sun.star.document.XEventListener)
2	void removeEventListener (com.sun.star.document.XEventListener)

J.3. [**XEventBroadcaster**] (UNO_INTERFACE) Graphical



K. [*XEventsSupplier* (*com.sun.star.document*) [*xref*]]

K.1. [*XEventsSupplier* [*xref*]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getEvents	UNO_METHOD

K.2. [*XEventsSupplier* [*xref*]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameReplace getEvents()

K.3. [*XEventsSupplier*] (UNO_INTERFACE) Graphical



L. [*XFootnotesSupplier* (*com.sun.star.text*) *[xref]*]

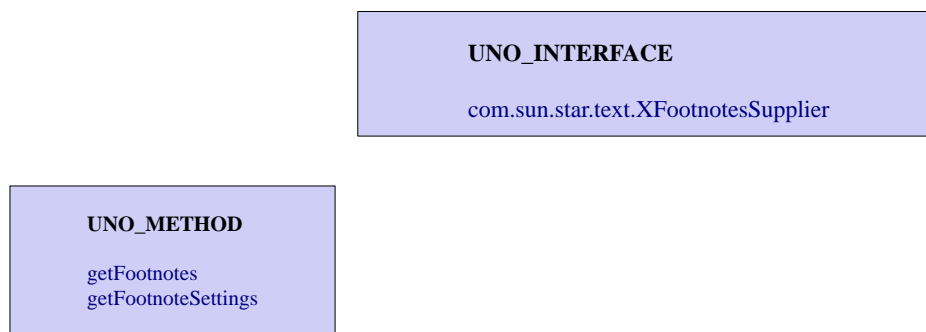
L.1. [**XFootnotesSupplier** *[xref]*] (UNO_INTERFACE) by Name

	Member Name	Type
1	getFootnotes	UNO_METHOD
2	getFootnoteSettings	UNO_METHOD

L.2. [**XFootnotesSupplier** *[xref]*] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	com.sun.star.container.XIndexAccess getFootnotes()
2	com.sun.star.beans.XPropertySet getFootnoteSettings()

L.3. [**XFootnotesSupplier**] (UNO_INTERFACE) Graphical



M. [XLineNumberingSupplier (com.sun.star.text) [xref]]

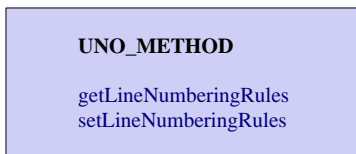
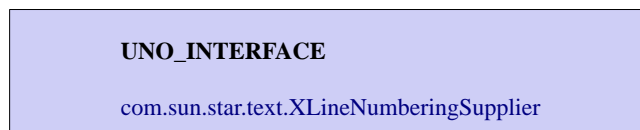
M.1. [XLineNumberingSupplier [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getLineNumberingRules	UNO_METHOD
2	setLineNumberingRules	UNO_METHOD

M.2. [XLineNumberingSupplier [xref]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	[][]com.sun.star.beans.PropertyValue getLineNumberingRules()
2	void setLineNumberingRules ([][]com.sun.star.beans.PropertyValue)

M.3. [XLineNumberingSupplier] (UNO_INTERFACE) Graphical



N. [*XModel* (*com.sun.star.frame*) [*xref*]]

N.1. [**XModel** [*xref*]] (UNO_INTERFACE) by Name

	Member Name	Type
1	attachResource	UNO_METHOD
2	connectController	UNO_METHOD
3	disconnectController	UNO_METHOD
4	getArgs	UNO_METHOD
5	getCurrentController	UNO_METHOD
6	getCurrentSelection	UNO_METHOD
7	getURL	UNO_METHOD
8	hasControllersLocked	UNO_METHOD
9	lockControllers	UNO_METHOD
10	setCurrentController	UNO_METHOD
11	unlockControllers	UNO_METHOD

N.2. [**XModel** [*xref*]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	boolean attachResource (java.lang.String, []com.sun.star.beans.PropertyValue)
2	void connectController (com.sun.star.frame.XController)
3	void disconnectController (com.sun.star.frame.XController)
4	[]com.sun.star.beans.PropertyValue getArgs ()
5	com.sun.star.frame.XController getCurrentController ()
6	com.sun.star.uno.XInterface getCurrentSelection ()
7	java.lang.String getURL ()
8	boolean hasControllersLocked ()
9	void lockControllers ()
10	void setCurrentController (com.sun.star.frame.XController) throws com.sun.star.container.NoSuchElementException
11	void unlockControllers ()

N.3. [XModel] (UNO_INTERFACE) Graphical

UNO_INTERFACE

com.sun.star.frame.XModel

UNO_METHOD

attachResource
connectController
disconnectController
getArgs
getCurrentController
getCurrentSelection
getURL
hasControllersLocked
lockControllers
setCurrentController
unlockControllers

O. [XModifiable (com.sun.star.util) [xref]]

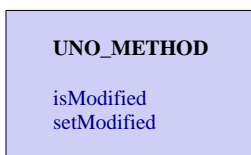
O.1. [XModifiable [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	isModified	UNO_METHOD
2	setModified	UNO_METHOD

O.2. [XModifiable [xref]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	boolean isModified()
2	void setModified (boolean) throws com.sun.star.beans.PropertyVetoException

O.3. [XModifiable] (UNO_INTERFACE) Graphical



P. *[XMultiServiceFactory (com.sun.star.lang) [xref]]*

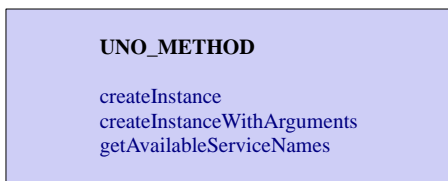
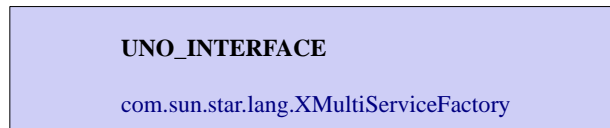
P.1. **[XMultiServiceFactory [xref]] (UNO_INTERFACE) by Name**

	Member Name	Type
1	createInstance	UNO_METHOD
2	createInstanceWithArguments	UNO_METHOD
3	getAvailableServiceNames	UNO_METHOD

P.2. **[XMultiServiceFactory [xref]] (UNO_INTERFACE) by UNO Types**

Name	
UNO_METHOD:	
1	com.sun.star.uno.XInterface createInstance (java.lang.String) throws com.sun.star.uno.Exception
2	com.sun.star.uno.XInterface createInstanceWithArguments (java.lang.String, []any) throws com.sun.star.uno.Exception
3	[]string getAvailableServiceNames ()

P.3. **[XMultiServiceFactory] (UNO_INTERFACE) Graphical**



Q. [*XNumberFormatsSupplier* (*com.sun.star.util*) [xref]]

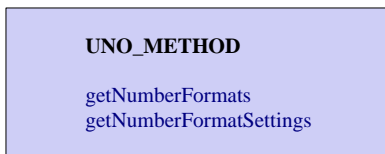
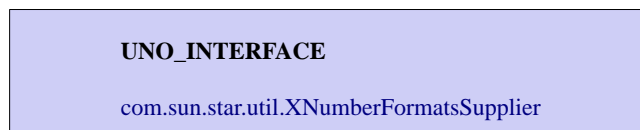
Q.1. [*XNumberFormatsSupplier* [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getNumberFormats	UNO_METHOD
2	getNumberFormatSettings	UNO_METHOD

Q.2. [*XNumberFormatsSupplier* [xref]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	com.sun.star.util.XNumberFormats getNumberFormats()
2	com.sun.star.beans.XPropertySet getNumberFormatSettings()

Q.3. [*XNumberFormatsSupplier*] (UNO_INTERFACE) Graphical



R. *[XPagePrintable (com.sun.star.text) [xref]]*

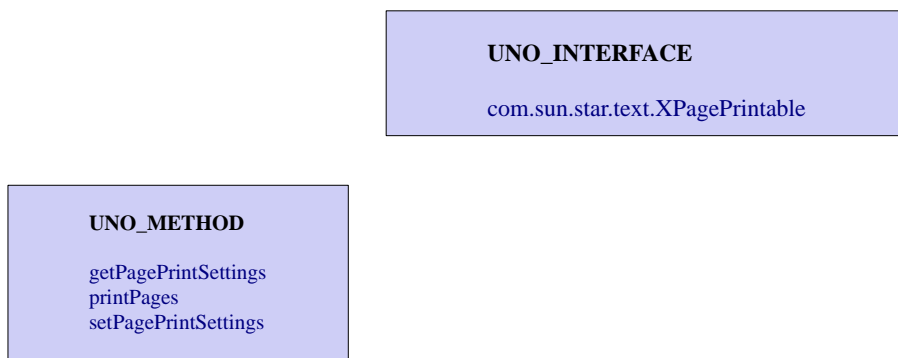
R.1. **[XPagePrintable [xref]] (UNO_INTERFACE) by Name**

	Member Name	Type
1	getPagePrintSettings	UNO_METHOD
2	printPages	UNO_METHOD
3	setPagePrintSettings	UNO_METHOD

R.2. **[XPagePrintable [xref]] (UNO_INTERFACE) by UNO Types**

	Name
UNO_METHOD:	
1	[]com.sun.star.beans.PropertyValue getPagePrintSettings ()
2	void printPages ([]com.sun.star.beans.PropertyValue) throws com.sun.star.lang.IllegalArgumentException
3	void setPagePrintSettings ([]com.sun.star.beans.PropertyValue)

R.3. **[XPagePrintable] (UNO_INTERFACE) Graphical**



S. *[XPrintable (com.sun.star.view) [xref]]*

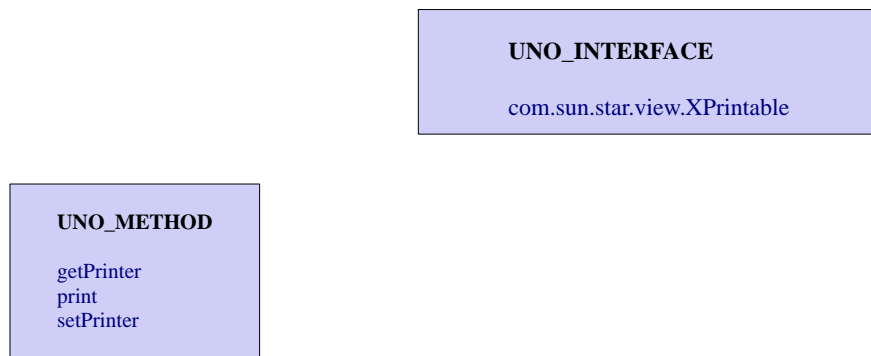
S.1. **[XPrintable [xref]] (UNO_INTERFACE) by Name**

	Member Name	Type
1	getPrinter	UNO_METHOD
2	print	UNO_METHOD
3	setPrinter	UNO_METHOD

S.2. **[XPrintable [xref]] (UNO_INTERFACE) by UNO Types**

	Name
UNO_METHOD:	
1	[]com.sun.star.beans.PropertyValue getPrinter ()
2	void print ([]com.sun.star.beans.PropertyValue) throws com.sun.star.lang.IllegalArgumentException
3	void setPrinter ([]com.sun.star.beans.PropertyValue) throws com.sun.star.lang.IllegalArgumentException

S.3. **[XPrintable] (UNO_INTERFACE) Graphical**



T. [XPrintJobBroadcaster (com.sun.star.view) [xref]]

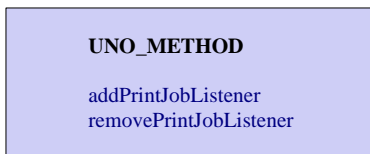
T.1. [XPrintJobBroadcaster [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	addPrintJobListener	UNO_METHOD
2	removePrintJobListener	UNO_METHOD

T.2. [XPrintJobBroadcaster [xref]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	void addPrintJobListener (com.sun.star.view.XPrintJobListener)
2	void removePrintJobListener (com.sun.star.view.XPrintJobListener)

T.3. [XPrintJobBroadcaster] (UNO_INTERFACE) Graphical



U. [\[XPropertySet \(com.sun.star.beans\) \[xref\]\]](#)

U.1. [\[XPropertySet \[xref\]\] \(UNO_INTERFACE\)](#) by Name

	Member Name	Type
1	addPropertyChangeListener	UNO_METHOD
2	addVetoableChangeListener	UNO_METHOD
3	getPropertySetInfo	UNO_METHOD
4	getPropertyValue	UNO_METHOD
5	removePropertyChangeListener	UNO_METHOD
6	removeVetoableChangeListener	UNO_METHOD
7	setPropertyValue	UNO_METHOD

U.2. [\[XPropertySet \[xref\]\] \(UNO_INTERFACE\)](#) by UNO Types

	Name
UNO_METHOD:	
1	void addPropertyChangeListener (java.lang.String, com.sun.star.beans.XPropertyChangeListener) throws com.sun.star.beans.UnknownPropertyException, com.sun.star.lang.WrappedTargetException
2	void addVetoableChangeListener (java.lang.String, com.sun.star.beans.XVetoableChangeListener) throws com.sun.star.beans.UnknownPropertyException, com.sun.star.lang.WrappedTargetException
3	com.sun.star.beans.XPropertySetInfo getPropertySetInfo ()
4	any getPropertyValue (java.lang.String) throws com.sun.star.beans.UnknownPropertyException, com.sun.star.lang.WrappedTargetException
5	void removePropertyChangeListener (java.lang.String, com.sun.star.beans.XPropertyChangeListener) throws com.sun.star.beans.UnknownPropertyException, com.sun.star.lang.WrappedTargetException
6	void removeVetoableChangeListener (java.lang.String, com.sun.star.beans.XVetoableChangeListener) throws com.sun.star.beans.UnknownPropertyException, com.sun.star.lang.WrappedTargetException
7	void setPropertyValue (java.lang.String, any) throws com.sun.star.beans.UnknownPropertyException, com.sun.star.beans.PropertyVetoException, com.sun.star.lang.IllegalArgumentException, com.sun.star.lang.WrappedTargetException

U.3. [XPropertySet] (UNO_INTERFACE) Graphical

UNO_INTERFACE

com.sun.star.beans.XPropertySet

UNO_METHOD

addPropertyChangeListener
addVetoableChangeListener
getPropertySetInfo
getPropertyValue
removePropertyChangeListener
removeVetoableChangeListener
setPropertyValue

V. *[XReferenceMarksSupplier (com.sun.star.text) [xref]]*

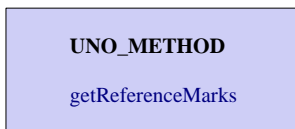
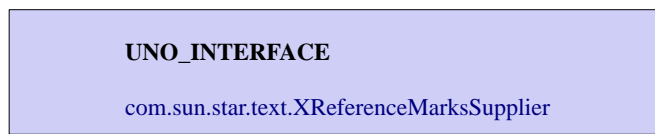
V.1. **[XReferenceMarksSupplier [xref]] (UNO_INTERFACE) by Name**

	Member Name	Type
1	getReferenceMarks	UNO_METHOD

V.2. **[XReferenceMarksSupplier [xref]] (UNO_INTERFACE) by UNO Types**

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameAccess getReferenceMarks()

V.3. **[XReferenceMarksSupplier] (UNO_INTERFACE) Graphical**



W. [XRefreshable (com.sun.star.util) [xref]]

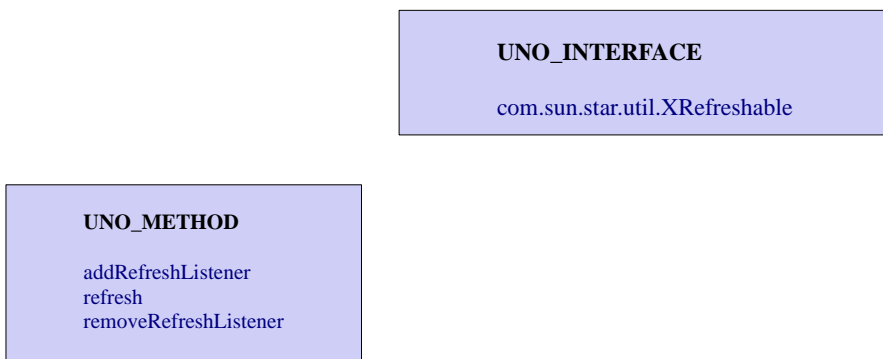
W.1. [XRefreshable [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	addRefreshListener	UNO_METHOD
2	refresh	UNO_METHOD
3	removeRefreshListener	UNO_METHOD

W.2. [XRefreshable [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	void addRefreshListener (com.sun.star.util.XRefreshListener)
2	void refresh ()
3	void removeRefreshListener (com.sun.star.util.XRefreshListener)

W.3. [XRefreshable] (UNO_INTERFACE) Graphical



X. [*XReplaceable* (*com.sun.star.util*) [*xref*]]

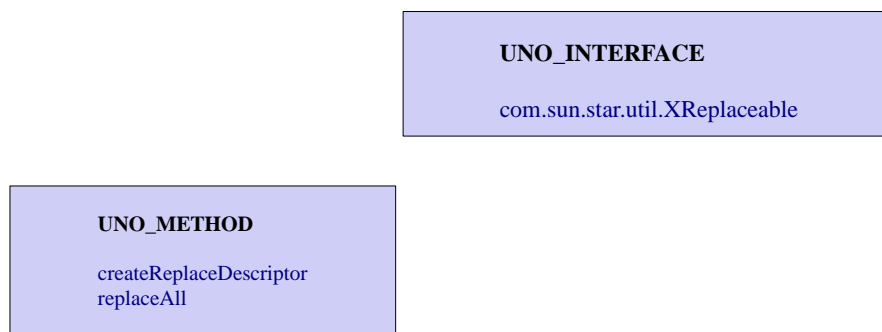
X.1. [**XReplaceable** [*xref*]] (UNO_INTERFACE) by Name

	Member Name	Type
1	createReplaceDescriptor	UNO_METHOD
2	replaceAll	UNO_METHOD

X.2. [**XReplaceable** [*xref*]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.util.XReplaceDescriptor createReplaceDescriptor()
2	int replaceAll (com.sun.star.util.XSearchDescriptor)

X.3. [**XReplaceable**] (UNO_INTERFACE) Graphical



Y. *[XSearchable (com.sun.star.util) [xref]]*

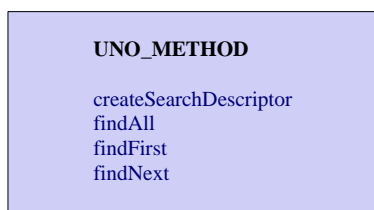
Y.1. **[XSearchable [xref]] (UNO_INTERFACE) by Name**

	Member Name	Type
1	createSearchDescriptor	UNO_METHOD
2	findAll	UNO_METHOD
3	findFirst	UNO_METHOD
4	findNext	UNO_METHOD

Y.2. **[XSearchable [xref]] (UNO_INTERFACE) by UNO Types**

Name	
UNO_METHOD:	
1	com.sun.star.util.XSearchDescriptor createSearchDescriptor()
2	com.sun.star.container.XIndexAccess findAll (com.sun.star.util.XSearchDescriptor)
3	com.sun.star.uno.XInterface findFirst (com.sun.star.util.XSearchDescriptor)
4	com.sun.star.uno.XInterface findNext (com.sun.star.uno.XInterface, com.sun.star.util.XSearchDescriptor)

Y.3. **[XSearchable] (UNO_INTERFACE) Graphical**



Z. [XStorable (com.sun.star.frame) [xref]]

Z.1. [XStorable [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getLocation	UNO_METHOD
2	hasLocation	UNO_METHOD
3	isReadOnly	UNO_METHOD
4	store	UNO_METHOD
5	storeAsURL	UNO_METHOD
6	storeToURL	UNO_METHOD

Z.2. [XStorable [xref]] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	java.lang.String getLocation()
2	boolean hasLocation()
3	boolean isReadOnly()
4	void store() throws com.sun.star.io.IOException
5	void storeAsURL (java.lang.String, []com.sun.star.beans.PropertyValue) throws com.sun.star.io.IOException
6	void storeToURL (java.lang.String, []com.sun.star.beans.PropertyValue) throws com.sun.star.io.IOException

Z.3. [XStorable] (UNO_INTERFACE) Graphical



AA. [*XStyleFamiliesSupplier* (*com.sun.star.style*) [xref]]

AA.1. [**XStyleFamiliesSupplier** [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getStyleFamilies	UNO_METHOD

AA.2. [**XStyleFamiliesSupplier** [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameAccess getStyleFamilies()

AA.3. [**XStyleFamiliesSupplier**] (UNO_INTERFACE) Graphical



AB. [*XTextDocument* (*com.sun.star.text*) [*xref*]]

AB.1. [*XTextDocument* [*xref*]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getText	UNO_METHOD
2	reformat	UNO_METHOD

AB.2. [*XTextDocument* [*xref*]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.text.XText getText()
2	void reformat()

AB.3. [*XTextDocument*] (UNO_INTERFACE) Graphical



AC. [XTextEmbeddedObjectsSupplier (com.sun.star.text) [xref]]

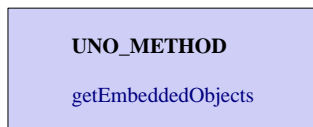
AC.1. [XTextEmbeddedObjectsSupplier [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getEmbeddedObjects	UNO_METHOD

AC.2. [XTextEmbeddedObjectsSupplier [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameAccess getEmbeddedObjects()

AC.3. [XTextEmbeddedObjectsSupplier] (UNO_INTERFACE) Graphical



AD. [*XTextFieldsSupplier* (*com.sun.star.text*) [xref]]

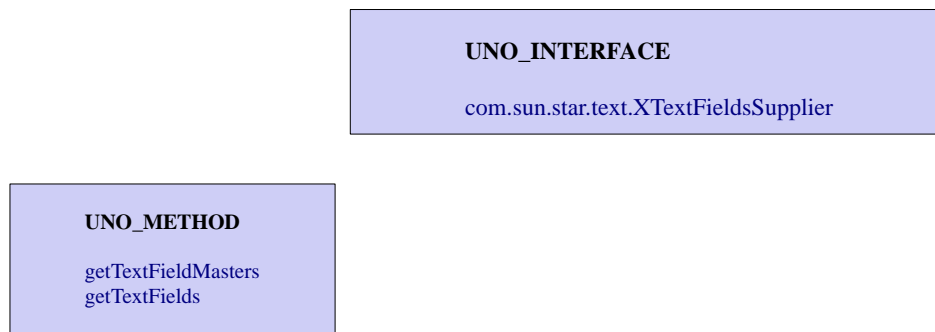
AD.1. [**XTextFieldsSupplier** [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getTextFieldMasters	UNO_METHOD
2	getTextFields	UNO_METHOD

AD.2. [**XTextFieldsSupplier** [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameAccess getTextFieldMasters()
2	com.sun.star.container.XEnumerationAccess getTextFields()

AD.3. [**XTextFieldsSupplier**] (UNO_INTERFACE) Graphical



AE. [*XTextFramesSupplier* (*com.sun.star.text*) [*xref*]]

AE.1. [*XTextFramesSupplier* [*xref*]] (UNO_INTERFACE) by Name

	Member Name	Type
1	<code>getTextFrames</code>	UNO_METHOD

AE.2. [*XTextFramesSupplier* [*xref*]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	<code>com.sun.star.container.XNameAccess</code> <code>getTextFrames()</code>

AE.3. [*XTextFramesSupplier*] (UNO_INTERFACE) Graphical



AF. [*XTextGraphicObjectsSupplier* (*com.sun.star.text*) [xref]]

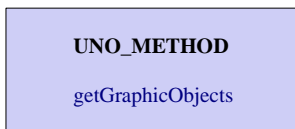
AF.1. [**XTextGraphicObjectsSupplier** [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getGraphicObjects	UNO_METHOD

AF.2. [**XTextGraphicObjectsSupplier** [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameAccess getGraphicObjects()

AF.3. [**XTextGraphicObjectsSupplier**] (UNO_INTERFACE) Graphical



AG. [XTextSectionsSupplier (com.sun.star.text) [xref]]

AG.1. [XTextSectionsSupplier [xref]] (UNO_INTERFACE) by Name

	Member Name	Type
1	getTextSections	UNO_METHOD

AG.2. [XTextSectionsSupplier [xref]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	com.sun.star.container.XNameAccess getTextSections()

AG.3. [XTextSectionsSupplier] (UNO_INTERFACE) Graphical



AH. [*XTextTablesSupplier* (*com.sun.star.text*) [*xref*]]

AH.1. [*XTextTablesSupplier* [*xref*]] (UNO_INTERFACE) by Name

	Member Name	Type
1	<code>getTextTables</code>	UNO_METHOD

AH.2. [*XTextTablesSupplier* [*xref*]] (UNO_INTERFACE) by UNO Types

Name	
UNO_METHOD:	
1	<code>com.sun.star.container.XNameAccess</code> <code>getTextTables()</code>

AH.3. [*XTextTablesSupplier*] (UNO_INTERFACE) Graphical



AI. [*XViewDataSupplier (com.sun.star.document) [xref]*]

AI.1. [*XViewDataSupplier [xref]*] (UNO_INTERFACE) by Name

	Member Name	Type
1	getViewData	UNO_METHOD
2	setViewData	UNO_METHOD

AI.2. [*XViewDataSupplier [xref]*] (UNO_INTERFACE) by UNO Types

	Name
UNO_METHOD:	
1	com.sun.star.container.XIndexAccess getViewData()
2	void setViewData (com.sun.star.container.XIndexAccess)

AI.3. [*XViewDataSupplier*] (UNO_INTERFACE) Graphical

