

# Document

## Description

Represents a Word document.

### C#

```
public sealed class Document : Element
```

### vb.net

```
Public NotInheritable Class Document  
    Inherits Element
```

## Remarks

To create a new document, use [WordApplication.Create\(\)](#). To open an existing document, use [WordApplication.Open\(\)](#).

Note: [Document](#) inherits from [Element](#) and inherits a lot basic functionality from that class. Be sure to see the [Element](#) API docs when looking for specific functionality.

## Examples

### C#

```
//--- Create a new Word document  
WordApplication app = new WordApplication();  
Document doc = app.Create();  
  
//--- Open an existing Word document  
WordApplication app = new WordApplication();  
Document doc = app.Open(@"C:\sample.doc");
```

## vb.net

```
'--- Create a new Word document
Dim app As New WordApplication()
Dim doc As Document = app.Create()

'--- Open an existing Word document
Dim app As New WordApplication()
Dim doc As Document = app.Open("C:\sample.doc")
```

## Properties

Name	Description
<a href="#">AutoformatType</a>	Sets or returns a <a href="#">Document.Autoformat</a> object representing autoformat type for this document. Possible values: Normal, Letter, Email.
<a href="#">CompatibilitySettings</a>	Returns a <a href="#">CompatibilitySettings</a> object that can be used to get and set various settings that help Word display documents that were imported from earlier versions and competing products.
<a href="#">ChangeTracking</a>	Returns a <a href="#">WordChangeTracking</a> object that can be used to get and set the change tracking settings for this <a href="#">Document</a> .
<a href="#">DateCreated</a>	Returns a <a href="#">DateTime</a> object representing the date this document was created.
<a href="#">DatePrinted</a>	Returns a <a href="#">DateTime</a> object representing the date this document was last printed using Word.
<a href="#">DateRevised</a>	Returns a <a href="#">DateTime</a> object representing the date this document was last revised.
<a href="#">DefaultTabWidth</a>	Sets or returns an <a href="#">int</a> representing the default tab width for this <a href="#">Document</a> . The value that is returned is in twips. One twip = (1/20 pt) or (1/1440 in).
<a href="#">DocumentProperties</a>	Returns a <a href="#">Styles</a> object that represents the properties of this document.
<a href="#">DocumentProtection</a>	Returns a <a href="#">DocumentProtection</a> object that can be used to get and set the protection settings that Word will apply to this document. (Only applicable to Word 2000 or above documents.)
<a href="#">GutterPosition</a>	Sets or returns a <a href="#">Document.Gutter</a> object representing the gutter position in this document when it is opened in Word. If you have set up your document with facing pages or two pages per sheet (by using Mirror margins, Book fold, or 2 pages per sheet), then this option is not available. Possible values: Side, Top.
<a href="#">HyphenSettings</a>	Returns a <a href="#">WordHyphenSettings</a> object that can be used to get and set the hyphenation settings for this <a href="#">Document</a> .
<a href="#">MergeStylesFromTemplate</a>	Sets or returns a <a href="#">boolean</a> representing if Word will update the styles in the current document to match the styles in the attached Word template (i.e. Normal.dot) each time you open the document in Word. This should be set to <code>true</code> when you want to ensure that your document contains up-to-date style formatting.

NumCharacters	Returns an <code>int</code> representing the number of characters in this document.
NumPagesOnLastOpen	Returns an <code>int</code> representing the number of pages this document had when it was last opened in Word.
NumParagraphs	Returns an <code>int</code> representing the number of paragraphs in this document.
NumWords	Returns an <code>int</code> representing the number of words in this document.
PrintDataInFormFields	Sets or returns a <code>boolean</code> representing if Word will only print the data inside a form field in this document. This is typically used to print the data entered into an online form without printing the online form.
PrintFacingPages	Sets or returns a <code>boolean</code> representing if the headers and footers should be different for odd and even pages, such as when the pages in this document will be mirrored. When set to <code>true</code> , it creates one header or footer for even-numbered pages and a different header or footer for odd-numbered pages.
SaveDataInFormField	Sets or returns a <code>boolean</code> representing if Word will save only the data entered into a form field (instead of the field itself) for this document. When this is set to <code>true</code> , Word saves the data entered into an online form as a single, tab-delimited record so you can use it in a database. Word saves the file in Text Only file format.
Sections	Returns an array of <code>Section</code> objects that represents all the sections in this Document.
Styles	Returns a <code>Styles</code> object that represents the Styles embedded in this document.
UseWidowControl	Sets or returns a <code>boolean</code> representing if widow control is in effect for this Document.
ViewSettings	Returns a <code>WordViewSettings</code> object that can be used to get and set various settings that pertain to how Word will display this document.
Watermark	Returns a <code>Watermark</code> object representing an image or text that appears in the background of a printed document.

## Methods

Name	Description
Append(Document)	Appends an existing Document to the end of the current Document, separated by a next-page section break
CreateDataImportProperties()	Returns a <code>DataImportProperties</code> object, which you can then use to set options for importing data into a table in a Word document.
CreateFont()	Returns a <code>Font</code> object based on the font used by the Normal Style. You can then change the properties of this font and use it elsewhere.
CreateParagraphFormatting()	Returns a <code>ParagraphFormatting</code> object based on the paragraph formatting used by the BodyText style. You can then change the properties of this font and use it elsewhere.
CreateTableFormatting()	Returns a <code>TableFormatting</code> object that represents the table formatting used by the NormalTable style.
GetBookmark(String)	Returns a <code>Bookmark</code> object that represents the bookmark in this document that has the specified name.
GetVariable(String)	Returns the document variable specified by name.
SetVariable(String, String)	Sets the value of the variable with the specified name. If the variable does not exist, <code>setVariable</code> creates a new variable. If the variable does exist, <code>setVariable</code> overwrites the existing variable.

## Nested Classes

Name	Description
Autoformat	A <a href="#">Document.Autoformat</a> value specifies the type of AutoFormat settings to apply to a document. To select an AutoFormat type in Microsoft Word:
Gutter	A <a href="#">Document.Gutter</a> value specifies the position of a document's gutter margin. Gutter margins are used in documents that will be bound. A gutter margin is an extra margin on the top or side of the page that ensures that the text is not obscured when the document is bound.