

Position

Description

This class is used to represent a cursor position in the document. It sits between two characters and its position is represented as the index of the character it sits behind. A [Position](#) object can be obtained from an [Element](#).

C#

```
public sealed class Position
```

vb.net

```
Public NotInheritable Class Position
```

Remarks

You cannot create a new `Position` object using the `new` keyword. You must get a `Position` object using the [GetPosition\(\)](#) method of the `Element` class (or the [Document](#) class, which inherits from `Element`). This method takes a parameter that represents the relative offset from the start of this `Element` to point at which to get the `Position`.

The following sample gets a `Position` object from the start of a `Document`.

Examples

C#

```
WordApplication app = new WordApplication();  
Document doc = app.Create();  
Position pos = doc.GetPosition(0);
```

vb.net

```
Dim app As New WordApplication()  
Dim doc As Document = app.Create()  
Dim pos As Position = doc.GetPosition(0)
```

Properties

Name	Description
PositionValue	Returns an <code>int</code> that represents the absolute position in the document.

Methods

Name	Description
InsertHyperlink(String, String)	Creates and returns a Hyperlink at this Position. This hyperlink will have the specified url and displayed text.
InsertImage(String)	Inserts and returns an InlinelImage at the point represented by this Position. The image that is inserted is specified by a <code>fileName</code> string.
InsertImage(System.IO.Stream)	Inserts and returns an InlinelImage at the point represented by this Position. The image that is inserted is specified by a Stream object.
InsertList(Boolean)	Creates and returns an empty List at the point represented by this Position. By passing a boolean, it can be a numbered list (true) or a bulleted list (false).
InsertMergeField(String, String)	Creates and returns a MergeField at this Position. This merge field will have the specified name and contents.
InsertParagraph(NamedStyle)	Creates and returns an empty Paragraph at the point represented by this Position, formatted with the specified style. If this Position is in the middle of a paragraph the containing paragraph will be split.
InsertSection()	Creates and returns an empty Section at the point represented by this Position. If this Position is in the middle of a section then the containing section will be split.
InsertTable(Int32, Int32)	Creates and returns a Table at the point represented by this Position. The table will contain the specified number of rows and columns.
InsertText(String, Boolean)	Creates and returns a CharacterRun at the point represented by this Position. The text to be inserted is specified as well as whether this should be a new character run or part of the previous one.