

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
<code>InsertHyperlink(String, String)</code>	Creates and returns a Hyperlink at this Position. This hyperlink will have the specified url and displayed text.
<code>InsertImage(String)</code>	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.
<code>InsertImage(System.IO.Stream)</code>	Inserts and returns an InlinelImage at the point represented by this Position. The image that is inserted is specified by a <code>Stream</code> object.
<code>InsertList(Boolean)</code>	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).
<code>InsertMergeField(String, String)</code>	Creates and returns a MergeField at this Position. This merge field will have the specified name and contents.
<code>InsertParagraph(NamedStyle)</code>	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.
<code>InsertSection()</code>	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.
<code>InsertTable(Int32, Int32)</code>	Creates and returns a Table at the point represented by this Position. The table will contain the specified number of rows and columns.
<code>InsertText(String, Boolean)</code>	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.