

CharacterRun

Description

The [CharacterRun](#) class represents a contiguous run of characters in the document, all of which have the same formatting.

C#

```
public sealed class CharacterRun : Element
```

vb.net

```
Public NotInheritable Class CharacterRun  
    Inherits Element
```

Remarks

To insert a new character run into a document, use [Element.InsertTextBefore\(\)](#) or [Element.InsertTextAfter\(\)](#). To get an existing character run, use [Element.GetElements\(Element.Type.CharacterRun\)](#) or [Element.Children](#) and check which elements are of type [Element.Type.CharacterRun](#).

The following sample demonstrates inserting a new character run into a document and retrieving the first character run from an existing document.

Examples

C#

```
//--- Insert a character run at the end of the document  
WordApplication app = new WordApplication();  
Document doc = app.Create();  
CharacterRun run = doc.InsertTextAfter("Hello world!", true);  
  
//--- Get the first character run of an existing document  
WordApplication app = new WordApplication();  
Document doc = app.Open(@"C:\sample.doc");  
CharacterRun firstCharRun =  
    (CharacterRun)doc.GetElements(Element.Type.CharacterRun)[0];
```

vb.net

```
'--- Insert a character run at the end of the document
Dim app As New WordApplication()
Dim doc As Document = app.Create()
Dim run As CharacterRun = doc.InsertTextAfter("Hello world!", True)

'--- Get the first character run of an existing document
Dim app As New WordApplication()
Dim doc As Document = app.Open("C:\sample.doc")
Dim firstCharRun As CharacterRun = _
    doc.GetElements(Elements.Type.CharacterRun)(0)
```

Properties

Name	Description
Deleted	Returns a <code>boolean</code> that represents if this character run was deleted with revision tracking on.
DeletedBy	Returns a <code>String</code> that represents the name of the author who deleted the text in this character run (if revision tracking was on when it was deleted -- Deleted returns true).
DeletedTime	Returns a <code>DateTime</code> object that represents the date and time the text in this character run was deleted (if revision tracking was on when it was deleted -- Deleted returns true).
Font	Sets or returns a font for the CharacterRun .
ModifiedBy	Returns a <code>String</code> that represents the name of the author who inserted the text in this character run (if revision tracking was on when it was modified).
ModifiedTime	Returns a <code>DateTime</code> object that represents the date and time the text in this character run was inserted (if revision tracking was on when it was modified).
New	Returns a <code>boolean</code> that represents if this character run was added while revision tracking was turned on.
PropertiesChangedBy	Returns a <code>String</code> that represents the name of the author who modified the properties of this character run.
PropertiesChangedTime	Returns a <code>DateTime</code> object that represents the date and time the properties of this character run were modified.
Style	Sets or Returns a NamedStyle object that represents the Style of this character run.