

Field

Description

This class is a low level representation of a field. This encompasses many objects in Word, such as merge fields, hyperlinks, TOC entries, etc. Fields are the generic form of what are contained in a [Element's](#) inline elements.

C#

```
public class Field : Element
```

vb.net

```
Public Class Field  
    Inherits Element
```

Remarks

To create a field, call the corresponding "insert" method for what you want to create (hyperlink, TOC entry, etc) on an [Element](#) or [Position](#) object.

To get an existing field, use the [Element.GetElements\(\)](#) method and pass in the [Element.Type.Field](#) parameter to retrieve all fields.

The following sample demonstrates creating a field at the end of a new document and retrieving the first field of an existing document.

Examples

C#

```
//--- Insert a field at the end of a new document  
WordApplication app = new WordApplication();  
Document doc = app.Create();  
Field fld =  
    doc.InsertHyperlinkAfter("http://www.softartisans.com",  
"SoftArtisans");  
  
//--- Get the first field of an existing document  
WordApplication app = new WordApplication();  
Document doc = app.Open(@"C:\sample.doc");  
Field firstField = doc.GetElements(Element.Type.Field)[0];
```

vb.net

```
'--- Insert a field at the end of a new document
Dim app As New WordApplication()
Dim doc As Document = app.Create()
Dim fld As Field = _
    doc.InsertHyperlinkAfter("http://www.softartisans.com", "SoftArtisans")

'--- Get the first field of an existing document
Dim app As New WordApplication()
Dim doc As Document = app.Open("C:\sample.doc")
Dim firstField As Field = doc.GetElements(Element.Type.Field)(0)
```

Properties

Name	Description
Code	Returns a String that represents this field's code.
Contents	Returns an Element object that represents the contents of this field.
Type	Returns a Field.FieldType object that represents this field's type.

Methods

Name	Description
Update()	Updates the value of the field.

Nested Classes

Name	Description
FieldType	The Field class is a general representation that encompasses many Word objects, including merge fields, hyperlinks, and table of contents items. A Field.FieldType value specifies the type of field a specific Field object represents.