

How to: Programmatically Update Bookmark Text

You can insert text into a placeholder bookmark in a Microsoft Office Word document so that you can retrieve the text at a later time, or to replace text in a bookmark. If you are developing a document-level customization, you can also update text in a [Microsoft.Office.Tools.Word.Bookmark](#) control that is bound to data. For more information, see [Binding Data to Controls in Office Solutions](#).

Applies to: The information in this topic applies to document-level projects and VSTO add-in projects for Word. For more information, see [Features Available by Office Application and Project Type](#).

The bookmark object can be one of two types:

- A [Microsoft.Office.Tools.Word.Bookmark](#) host control.

[Microsoft.Office.Tools.Word.Bookmark](#) controls extend native [Microsoft.Office.Interop.Word.Bookmark](#) objects by enabling data binding and exposing events. For more information about host controls, see [Host Items and Host Controls Overview](#).

- A native [Microsoft.Office.Interop.Word.Bookmark](#) object.

[Microsoft.Office.Interop.Word.Bookmark](#) objects do not have events or data binding capabilities.

When you assign text to a bookmark, the behavior differs between a [Microsoft.Office.Interop.Word.Bookmark](#) and a [Microsoft.Office.Tools.Word.Bookmark](#). For more information, see [Bookmark Control](#).

Using Host Controls

To update bookmark contents using a Bookmark control

1. Create a procedure that takes a bookmark argument for the name of the bookmark, and a `newText` argument for the string to assign to the [Text](#) property.

Note

Assigning text to the [Bookmark.Text](#) or [Bookmark.FormattedText](#) property of a [Microsoft.Office.Tools.Word.Bookmark](#) control does not cause the bookmark to be deleted.

C#

```
static void BookMarkReplace(  
    ref Microsoft.Office.Tools.Word.Bookmark bookmark,  
    string newText)  
{
```

2. Assign the *newText* string to the [Text](#) property of the [Microsoft.Office.Tools.Word.Bookmark](#).

C#

```
        bookmark.Text = newText;  
    }
```

Using Word Objects

To update bookmark contents using a Word Bookmark object

1. Create a procedure that has a bookmark argument for the name of the [Microsoft.Office.Interop.Word.Bookmark](#), and a *newText* argument for the string to assign to the [P:Microsoft.Office.Interop.Word.Range.Text](#) property of the bookmark.

Note

Assigning text to a native Word [Microsoft.Office.Interop.Word.Bookmark](#) object causes the bookmark to be deleted.

C#

```
internal void BookMarkReplaceNative(  
    Word.Bookmark bookmark,  
    string newText)  
{
```

2. Assign the *newText* string to the [P:Microsoft.Office.Interop.Word.Range.Text](#) property of the bookmark, which automatically deletes the bookmark. Then re-add the bookmark to the [Bookmarks](#) collection.

The following code example can be used in a document-level customization.

C#

```
object rng = bookmark.Range;  
string bookmarkName = bookmark.Name;  
  
bookmark.Range.Text = newText;
```

```
        this.Bookmarks.Add(bookmarkName, ref rng);  
    }
```

The following code example can be used in a VSTO Add-in. This example uses the active document.

C#

```
        object rng = bookmark.Range;  
        string bookmarkName = bookmark.Name;  
  
        bookmark.Range.Text = newText;  
  
        Word.Document document = this.Application.ActiveDocument;  
        document.Bookmarks.Add(bookmarkName, ref rng);  
    }
```

See Also

[How to: Programmatically Insert Text into Word Documents](#)

[Word Object Model Overview](#)

[Bookmark Control](#)

© 2017 Microsoft