

How to: Programmatically Reset Ranges in Word Documents

Use the [M:Microsoft.Office.Interop.Word.Range.SetRange\(System.Int32,System.Int32\)](#) method to resize an existing range in a Microsoft Office Word document.

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](#).

To reset an existing range

1. Set an initial range starting with the first seven characters in the document.

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

C#

```
object start = 0;  
object end = 7;  
Word.Range rng = this.Range(ref start, ref end);
```

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

C#

```
Word.Range rng = this.Application.ActiveDocument.Range(0, 7);
```

2. Use [M:Microsoft.Office.Interop.Word.Range.SetRange\(System.Int32,System.Int32\)](#) to start the range at the second sentence and end it at the end of the fifth sentence.

C#

```
rng.SetRange(this.Sentences[2].Start, this.Sentences[5].End);
```

Document-Level Customization Example

To reset an existing range in a document-level customization

1. The following example shows the complete example for a document-level customization. To use this code, run it from the `ThisDocument` class in your project.

C#

```
object start = 0;
object end = 7;
Word.Range rng = this.Range(ref start, ref end);

// Reset the existing Range.
rng.SetRange(this.Sentences[2].Start, this.Sentences[5].End);
rng.Select();
```

VSTO Add-in Example

To reset an existing range in an VSTO Add-in

1. The following example shows the complete example for an VSTO Add-in. To use this code, run it from the `ThisAddIn` class in your project.

C#

```
Word.Range rng = this.Application.ActiveDocument.Range(0, 7);

// Reset the existing Range.
rng.SetRange(this.Application.ActiveDocument.Sentences[2].Start,
    this.Application.ActiveDocument.Sentences[5].End);
rng.Select();
```

See Also

[How to: Programmatically Extend Ranges in Documents](#)

[How to: Programmatically Define and Select Ranges in Documents](#)

[How to: Programmatically Retrieve Start and End Characters in Ranges](#)

[How to: Programmatically Collapse Ranges or Selections in Documents](#)