

How to: Programmatically Retrieve Start and End Characters in Ranges

This example demonstrates how you can retrieve the character positions of the start and end positions of a range.

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 retrieve start and end characters of a range in a document-level customization

1. Get the values of the [P:Microsoft.Office.Interop.Word.Range.Start](#) and [P:Microsoft.Office.Interop.Word.Range.End](#) properties of the [Range](#) object. The following code example gets the start and end position of the second sentence in the document. To use this code example, run it from the `ThisDocument` class in your project.

C#

```
Word.Range rng = this.Sentences[2];

string startPosition = rng.Start.ToString();
string endPosition = rng.End.ToString();

MessageBox.Show("Start: " + startPosition + " End: " + endPosition, "Range
Information");
```

To retrieve start and end characters of a range by using an VSTO Add-in

1. Get the values of the [P:Microsoft.Office.Interop.Word.Range.Start](#) and [P:Microsoft.Office.Interop.Word.Range.End](#) properties of the [Range](#) object. The following code example gets the start and end position of the second sentence in the active document. To use this code example, run it from the `ThisAddIn` class in your project.

C#

```
Word.Range rng = this.Application.ActiveDocument.Sentences[2];

string startPosition = rng.Start.ToString();
string endPosition = rng.End.ToString();

MessageBox.Show("Start: " + startPosition + " End: " + endPosition, "Range
Information");
```

See Also

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

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

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

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

[How to: Programmatically Exclude Paragraph Marks When Creating Ranges](#)

[How to: Programmatically Count Characters in Documents](#)

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