How to: Programmatically Check Spelling in Documents

To check the spelling in a document, use the M:Microsoft.Office.Interop.Word._Application.CheckSpelling(System.String,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@) method. This method returns a Boolean value that indicates whether the supplied parameter is spelled correctly.

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 check spelling and display results in a message box

1. Call the M:Microsoft.Office.Interop.Word._Application.CheckSpelling(System.String,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@,System.Object@) method and pass it a range of text to check for spelling errors. To use this code example, run it from the `ThisDocument` or `ThisAddIn` class in your project.

   C#

   ```csharp
           string result = "Spelled incorrectly.";

           object startLocation = this.Content.Start;
           object endLocation = this.Content.End;
           bool spellCheck = this.Application.CheckSpelling(
               this.Range(ref startLocation, ref endLocation).Text);

           if (spellCheck == true)
           {
               result = "Spelled correctly.";
           }

           MessageBox.Show(result);
   ```

See Also

How to: Programmatically Define and Select Ranges in Documents
Optional Parameters in Office Solutions