

How to replace text in a Word document

Here's how to use OLE automation for MS Word and replace some text string in any document.

```
use ActiveX, ComObj;

const
  wdFindContinue = 1;
  wdReplaceOne = 1;
  wdReplaceAll = 2;

var
  WordApp: Variant;

begin
  // create OLE object for MS Word application:
  WordApp := CreateOLEObject('Word.Application');
  // load a document from your file
  WordApp.Documents.Open(yourDocFileName);
  WordApp.Selection.Find.ClearFormatting;
  WordApp.Selection.Find.Text := yourStringForSearch;
  WordApp.Selection.Find.Replacement.Text := yourNewStringForReplace;
  WordApp.Selection.Find.Forward := True;
  WordApp.Selection.Find.MatchAllWordForms := False;
  WordApp.Selection.Find.MatchCase := False;
  WordApp.Selection.Find.MatchWildcards := False;
  WordApp.Selection.Find.MatchSoundsLike := False;
  WordApp.Selection.Find.MatchWholeWord := False;
  WordApp.Selection.Find.MatchFuzzy := False;
  WordApp.Selection.Find.Wrap := wdFindContinue;
  WordApp.Selection.Find.Format := False;

  WordApp.Selection.Find.Execute(Replace := wdReplaceAll)
end;
```

To replace the first occurrence of your text only use

```
WordApp.Selection.Find.Execute(Replace := wdReplaceOne);
```

Instead of

```
WordApp.Selection.Find.Execute(Replace := wdReplaceAll)
```

To check if text was found then use the *Found* method:

```
if WordApp.Selection.Find.Found then
{do something}
```

Save the modified document with:

```
WordApp.ActiveDocument.SaveAs(yourDocFileName);
```

Finally, close the MS Word instance with:

```
WordApp.ActiveDocument.Close;
WordApp.Quit;
WordApp := Unassigned;
```

Note

If you want to change a font instead text, use the *Font* property of *WordApp.Selection.Find.Replacement* instead of *Text*.

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Added:	2009-11-05
Last updated:	2009-11-05
