

Element.SearchAndReplace(String, String)

Description

Searches for a string specified by the `search` parameter, and replaces it with the string specified by the `replaceWith` parameter. The search string can be a literal, a regular expression, or a combination of both. Since the string can contain regular expressions, use a backslash to escape special characters. Special characters are `[^$.|?*+()]`.

C#

```
public virtual int SearchAndReplace(System.String search, System.String replaceWith)
```

vb.net

```
Public Overridable Function SearchAndReplace(ByVal search As String, ByVal replaceWith As String) As Integer
```

Parameters

search

The string to find and replace.

replaceWith

The replacement string.

Returns

The number of occurrences that were found and replaced.

Examples

C#

```
WordApplication app = new WordApplication();
Document doc = app.Open(@"C:\myDoc.doc");

//--- Update a copyright
//--- Search for: (c) or the copyright symbol in ASCII, one or more
//--- whitespace characters,
//--- four digits, and then any number of characters followed by 'Inc.'
//--- Replace matches with '(c) 2008 SoftArtisans, Inc.'
doc.SearchAndReplace(@"\((c\)|\xA9)\s+[0-9]{4}\s+SoftArtisans, Inc\.\"", "(c) 2008 SoftArtisans, Inc.");
```

```
Dim app As New WordApplication()  
Dim doc As Document = app.Open("C:\myDoc.doc")  
  
'--- Update a copyright  
'--- Search for: (c) or the copyright symbol in ASCII, one ore more  
whitespace characters,  
'--- four digits, and then any number of characters followed by 'Inc.'  
'--- Replace matches with '(c) 2008 SoftArtisans, Inc.'  
doc.SearchAndReplace("(c)|\xA9)\s+[0-9]{4}\s+SoftArtisans, Inc\.", "(c)  
2008 SoftArtisans, Inc.")
```