

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.")
```