

WordTemplate.Process()

Description

The [Process](#) method enters data source values in a template's merge fields, and creates an image of the output file (the new document) in memory.

C#

```
public void Process()
```

vb.net

```
Public Sub Process()
```

Remarks

The save method can then save the output file to disk, stream it to the browser, or both.

Call `Process` after [SetDataSource](#) and before [Save](#).

You can only call `Process` once for each instance of [WordTemplate](#).

Examples

Generate a single Word file:

C#

```
//--- Create an object array of values
//--- and a string array of field names to pass to
//--- SetDataSource.
Object[] arrValue = {"SoftArtisans WordWriter"};
string[] arrName = {"ProductName"};

//--- Create an instance of WordTemplate.
WordTemplate oWW = new WordTemplate();

//--- Open a template file.
oWW.Open(Server.MapPath(@"../StringVarTemplate.doc"));

//--- Set the file's data source by passing
//--- SetDataSource an array of values and an
//--- array of merge field names.
oWW.SetDataSource(arrValue, arrName);

//--- Call Process() to populate the template with
//--- the new data.
oWW.Process();

//--- After processing the template, call Save() and pass it
//--- Page.Response to stream the generated file to the browser.
oWW.Save(Page.Response, "StringVarOutput.doc", false);
```

```
'--- Create an object array of values
'--- and a string array of field names to pass to
'--- SetDataSource.
Dim arrValue As Object() = {"SoftArtisans WordWriter"}
Dim arrName As String() = {"ProductName"}

'--- Create an instance of WordTemplate.
Dim oWW As New WordTemplate()

'--- Open a template file.
oWW.Open(Server.MapPath("./StringVarTemplate.doc"))

'--- Set the file's data source by passing
'--- SetDataSource an array of values and an
'--- array of merge field names.
oWW.SetDataSource(arrValue, arrName)

'--- Call Process() to populate the template with
'--- the new data.
oWW.Process()

'--- After processing the template, call Save() and pass it
'--- Page.Response to stream the generated file to the browser.
oWW.Save(Page.Response, "StringVarOutput.doc", False)
```