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4 digital images on 1 page

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04-28-2013, 01:12 PM

#1

[2whldreams](#) Windows Vista Office 2007

Novice

Join Date: Apr 2013

Posts: 1

Original Poster

4 digital images on 1 page

Greetings. Thank you in advance for viewing my question.

The goal is to take 4 digital images from my file and insert onto one page. Preferably with no border.

I can insert one image easy enough, but the second image defaults to a second page.

Supposedly the image can be moved about with a left drag of the mouse but my efforts result in no movement.



04-28-2013, 04:01 PM

#2



[macropod](#) Windows 7 64bit Office 2010 32bit
Administrator

Join Date: Dec 2010
Location: Canberra, Australia
Posts: 19,434



The simplest way is to create a 4-cell table, with the 'automatically resize to fit contents' option 'off' and with the cell width and 'exact' height set to the maximum allowable for each image (eg, in a 2*2 table, the column width would be, say, half the intra-margin width and the row height would be half the intra-margin height). You can turn off the table's border display. With this setup, any image you insert into the table will be constrained so that it fits into the cell whilst maintaining the correct aspect ratio.

The following macro automates the insertion of multiple images into a table (which the macro also creates) in a Word document. As coded, it allows you to specify any number of columns and the picture row height. The column-width is calculated automatically, based on the page print width. Any inserted pictures will be constrained to fit the available cell space, at the correct aspect ratio, by enlarging/reducing them, as appropriate. Below each image is a row for adding a caption. The process begins at wherever the selection/insertion point is.

As coded, the macro uses the "Caption" Style for the caption rows. This left-aligns the captions. It also uses a custom "TblPic" Style for the image rows, ensuring the pictures are horizontally centred in their cells and correctly fill the space available. Cells are also centred vertically. You can change any of these parameters.

Code:

```
Sub AddPics()  
Application.ScreenUpdating = False  
Dim i As Long, j As Long, c As Long, r As Long, NumCols As Long, iShp As InlineShape  
Dim oTbl As Table, TblWdth As Single, StrTxt As String, RwhHght As Single, ColWdth As Single  
On Error GoTo ErrExit  
NumCols = CLng(InputBox("How Many Columns per Row?"))  
RwhHght = CSng(InputBox("What max height for the pictures, in centimeters (e.g. 5)?"))  
On Error GoTo 0  
' Select and insert the Pics  
With Application.FileDialog(msoFileDialogFilePicker)  
.Title = "Select image files and click OK"  
.Filters.Add "Images", "*.gif; *.jpg; *.jpeg; *.bmp; *.tif; *.png"  
.FilterIndex = 2  
If .Show = -1 Then  
' Create a paragraph Style with 0 space before/after & centre-aligned  
On Error Resume Next  
With ActiveDocument  
.Styles.Add Name:="TblPic", Type:=wdStyleTypeParagraph  
On Error GoTo 0  
With .Styles("TblPic").ParagraphFormat  
.Alignment = wdAlignParagraphCenter  
.KeepWithNext = True  
.SpaceAfter = 0  
.SpaceBefore = 0  
End With  
End With
```

End With

If you want to use a fixed column-width, you could change:

```
.Columns.Width = TblWdth / NumCols
```

to, say:

```
.Columns.Width = CentimetersToPoints(7.5)
```

where '7.5' is the required width in cm (try not to use a column width & count that exceed your printable area!).

Note that Word also supports an InchesToPoints conversion, which you could use instead of CentimetersToPoints.

If you're concerned to prevent overly-long captions wrapping, you can:

1. Reduce the Caption Style's font size; and/or
2. Apply the 'Fit Text' option to long captions so they fit on one line. This might be accomplished by inserting:

Code:

```
If .Characters.Last.Previous.Information(wdVerticalPositionRelativeToPage) <> _  
    .Characters.First.Information(wdVerticalPositionRelativeToPage) Then  
    .FitTextWidth = ColWdth  
End If
```

after:

Code:

```
.Characters.Last.Previous = vbNullString
```

To insert the captions above the pictures you need to -

- Change:

```
SaveWithDocument:=True, Range:=oTbl.Cell(r, c).Range
```

to:

```
SaveWithDocument:=True, Range:=oTbl.Cell(r + 1, c).Range
```

- Change:

```
With oTbl.Cell(r + 1, c).Range
```

to:

```
With oTbl.Cell(r, c).Range
```

- Swap:

```
With .Rows(x)
```

and:

```
With .Rows(x + 1)
```

And, if you don't want the final result to be in a table,

- insert:

oTbl.ConvertToText
before:
Else




For PC macro installation & usage instructions, see: http://www.gmayor.com/installing_macro.htm
For Mac macro installation & usage instructions, see: <http://word.mvps.org/Mac/InstallMacro.html>

Cheers,
Paul Edstein
[MS MVP - Word]



08-09-2018, 12:31 PM

#3

[xerxox](#)   Windows 10  Office 2016

Novice

Join Date: Aug 2018
Posts: 3






in word 2016 Call FormatRows(oTbl, r, RWHght) is not defined



08-09-2018, 02:34 PM

#4



[macropod](#)   Windows 7 64bit  Office 2010 32bit
Administrator

Join Date: Dec 2010
Location: Canberra, Australia
Posts: 19,434






Did you copy *both* macros in the code block?

Cheers,
Paul Edstein
[MS MVP - Word]



08-09-2018, 03:34 PM

#5

[xerxox](#)   Windows 10  Office 2016

Join Date: Aug 2018
Posts: 3



Novice



Quote:

Originally Posted by **macropod** 
Did you copy both macros in the code block?

oh, sorry)

 11-08-2018, 05:08 AM

#6

bomberboy   Windows 10  Office 2016

Novice

Join Date: Nov 2018
Location: Australia
Posts: 1

I have been looking for this code for so long.

This will literally save me hours and hours of work as I have over 300 photos to tabulate.

 11-12-2018, 12:29 PM

#7

Dorin38   Windows 7 64bit  Office 2010

Novice



Join Date: Nov 2018
Posts: 1**Hello.**

Hello everyone, thank you macropod for this macro it is very usefull for me at work. Do you think this macro can be improved, as to autocorrect the captions under the photos inserted if you delete one photo?

What i mean is that if i insert 4 photos and i delete photo 3, the captions under the remaining photos to be in order and photo 4 caption to be automatically deleted.

 11-12-2018, 03:18 PM

#8

macropod   Windows 7 64bit  Office 2010 32bit
AdministratorJoin Date: Dec 2010
Location: Canberra, Australia
Posts: 19,434



Since the macro concerns only the *insertion* of images, not their *deletion*, the simple answer is: no.




Cheers,
Paul Edstein
[MS MVP - Word]



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