

Re: List pages to print, select one page

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Source:

<http://www.tech-archive.net/Archive/Word/microsoft.public.word.vba.general/2007-12/msg00342.html>

- *From:* "Greg Maxey" <gmaxey@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 18 Dec 2007 21:14:39 -0500
-

Bruce,

I suppose my remaining question is: Do you know the page range of "Apply Coating," "Strip Coating," etc.?

If so then I still don't see the need for Bookmarks or anything else in the document.

If you (as the document author) know the page number of the various routing slips then build the Listbox list in the initialize procedure

and then in the command button procedure use the user selection to define a string that makes sense to the PrintOut method.

```
Dim printStr As String
Select Case Me.lstBkm
Case Is = "Apply Coating"
printString = "1-3"
Case Is = "Strip Coating"
printString = "6, 8-9"
Case Else
MsgBox "You didn't pick a routing slip to print"
Exit Sub
End Select
Application.PrintOut Range:=wdPrintRangeOfPages, Pages:=pStr
Unload Me
```

If I am missing your mark then just ignore my comments has hapless ramblings.

—

Greg Maxey/Word MVP

See:

http://gregmaxey.mvps.org/word_tips.htm

For some helpful tips using Word.

Re: List pages to print, select one page

BruceM wrote:

I think I will use a command button, as you suggest, for the reasons you mention.

The bookmarks (or something) are needed to identify the page. The page number alone is not enough information, unless the user is going to scroll around in the document to identify the page number. For instance, one routing slip may be Apply Coating. Another would be Coat and Polish. Then maybe there is an appendix: Strip Coating. The list box would show: Apply Coating
Coat and Polish
Strip Coating

Of course, the bookmarks have underscores instead of spaces, but I replace them with spaces for the list box, then reverse the replacement so the code can identify the page number.

If the document contains only one routing slip, the user runs a macro (by way of a toolbar button) that prints everything from the bookmark DocStart to the bookmark DocEnd. If a document contains more than one routing slip, so that a choice needs to be made, the existence of a ChoosePage bookmark brings up the user form.

"Greg Maxey" <gmaxey@xxxxxxxxxxxxxxxxxxxxxx> wrote in message news:ekcd9xYOIHA.5208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Bruce,

Yes I would use a command button. I think most people would find it odd for the forms to immediately begin printing on a click in the listbox. In fact, you might save paper if you added a confirmation message box in the command button code that told the User what pages where about to be printed and offer an OK/Cancel options.

I would just use:

```
If lstBkm.ListIndex <> -1 Then  
pStr = lstBkm  
End If
```

... as the simplified code for defining the initial pStr.

The part I am still missing is what exactly to you want to appear in the Listbox? Do you want something like:

Label: Chose Pages to print:
1
2-3
5
6-9

Re: List pages to print, select one page

and are these values fixed?

If so, I don't see why you need bookmarks or anything else in the document itself.

—
Greg Maxey/Word MVP
See:
http://gregmaxey.mvps.org/word_tips.htm
For some helpful tips using Word.

"BruceM" <bamoob@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:OE7TYdYQIHA.4656@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

The document is a technical package of work instructions, including a routing slip (one page of the document with the manufacturing steps summarized). Most technical packages have only one routing slip. However, some packages have a choice of routing slips. I understand what you are saying about the multi-select list box. If it is needed I can add a command button, but as it stands only one routing slip will be selected. However, it could be that a command button is more comfortable for the user, since they will have a chance to take another look at what they have selected before printing it. The code would be the same as in the After Update event. Other pages, such as a log for measurements, etc., will be printed in every case, so there is no user input. I have realized that some of the code assumes a multi-select list box, and that with a single-select list box it can be simplified:
i = fusrBkm.lstBkm.ListIndex
pStr = fusrBkm.lstBkm.List(i)

Sorry I didn't describe my needs more clearly from the first, but I

Re: List pages to print, select one page

will say that the multi-select code is now part of my code library.
I expect I will use it one day.

Regarding the use of variables, I had thought it was a matter of inserting a DocVariable field, then referencing that field. My early experiments showed me that it is not that simple. The Initialize code you provided (and which I had tried on my own before the previous post) produces an empty list.

I have done some more research, and have discovered that I can list the fields by way of:
Dim fldVar As Field

```
For Each fldVar In ActiveDocument.Fields
If fldVar.Type = wdFieldDocVariable Then
' Parse the field to remove field type, etc.
End If
Next fldVar
```

I would parse the field to make it more user-friendly in the list.
However, I suppose I would need to reassemble it in order to find the page number, if it is possible at all to find the page on which a field is located. I see no advantage over bookmarks, even if I can get it to work. It's interesting to experiment with it, but I think it is outside this project's scope. It seems to do the trick as it is, so it's probably time to move on with other projects.

Thanks for all of your help with this.

"Greg Maxey" <gmaxey@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:Oj3Na%23OOIHA.5360@xxxxxxxxxxxxxxxxxxxx

Bruce,

I am not completely sure that I know what your ultimate goal is. The code sent to you was tied to a document that had a bookmark name "Page_1" on page 1, Page_2 on page 2, etc. There was also the possibility that other bookmarks were present in the document.

Re: List pages to print, select one page

The UserForm initialize code strips out "Page_" from the bookmark name and populates the Listbox with 1, 2, 3, etc.

The ListBox was a multi-select box so if the user wants to print pages 1, 3, and 5 then they would select those pages and then press the command button to print.

Using the AfterUpdate event like you do would make a dog's breakfast out of that approach ;-)

To populate a listbox with Variables you have to first create the variables e.g.,

```
Sub CreateSomeDocVariables()  
Dim oVar As Variables  
Set oVar = ActiveDocument.Variables  
oVar("1-3").Value = "1-3"  
oVar("4").Value = "4"  
oVar("6-9").Value = "6-9"  
End Sub
```

And then populate the listbox:

```
Private Sub UserForm_Initialize()  
Dim oVar As Variable  
Dim oVars As Variables  
Set oVars = ActiveDocument.Variables  
For Each oVar In oVars  
Me.ListBox1.AddItem oVar.Name  
Next  
End Sub
```

```
Private Sub UserForm_Initialize()  
Dim oVar As Variable  
Dim oVars As Variables  
Set oVars = ActiveDocument.Variables  
For Each oVar In oVars  
Me.ListBox1.AddItem oVar.Name  
Next  
End Sub
```

Re: List pages to print, select one page

--

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BruceM wrote:

Thanks for the reply. I am not very familiar with user forms, but I did manage to create one and add a list box. In many cases the user will not print the selected pages, but will only view the document. Right now the user navigates to the required page and clicks a custom toolbar item to run a macro, causing the current page to print. The Help documentation, however, is vague at best about how to actually open or run a userform. After poking around some more I managed to create a userform with a list box, and to populate the list box with selected bookmarks. The user form is opened when a macro is run. I used the list box After Update event to print the page on which the selected bookmark is located. First I call the user form (named fusrBkm) from a macro: fusrBkm.Show I do it this way because the situation is somewhat more complex than I have shown: one or more pages other than the

Re: List pages to print, select one page

one with the
selected bookmark may
need to be printed. The
macro identifies
other bookmarks and sets
the print range(s)
accordingly.

Other code (the list box is
lstBkm):

```
Private Sub  
UserForm_Initialize()
```

```
Dim oBM As Bookmark  
Dim oBMs As Bookmarks
```

```
Set oBMs =  
ActiveDocument.Bookmarks
```

```
For Each oBM In oBMs  
If InStr(oBM.Name, "_") <>  
0 Then  
Me.lstBkm.AddItem  
(oBM.Name)  
End If  
Next
```

```
End Sub
```

I read several times in my
research that a DocVariable
may be used
instead of a bookmark. I
thought that if I could do
that I
wouldn't need to worry
about filtering the list of
bookmarks, but
I could not figure out how to
list DocVariables in the list
box.
Since I don't even know if
it's possible, I didn't spend
that
much time trying. Private
Sub lstBkm_AfterUpdate()

```
Dim i As Long  
Dim strBkm As String  
Dim pStr As String
```

Re: List pages to print, select one page

```
If
fusrBkm.lstBkm.ListIndex
<> -1 Then
For i = 0 To
fusrBkm.lstBkm.ListCount
- 1
If
fusrBkm.lstBkm.Selected(i)
Then
pStr = pStr +
fusrBkm.lstBkm.List(i) & ",
"
End If
Next i
End If
'Clean up string
pStr = Left(pStr, Len(pStr)
- 2)

'PrintOut
strBkm =
ActiveDocument.Bookmarks(pStr).Range.Information(wdActiveEndAdjusted
Application.PrintOut
Range:=wdPrintFromTo,
From:=strBkm,
To:=strBkm Unload Me
```

I could not get the ListIndex
or any other properties for
lstBkm
unless I drilled down
through the userform name.
Also, I kept
getting an error (invaalid
print range, I think) when I
tried:
Application.PrintOut
Range:=wdPrintRangeOfPages,
Pages:=pStr

Anyhow, it seems to work. I
would be interested in
clearing up
the remaining questions, but
it seems to be something I
can work
with. Thanks again.

"Greg Maxey"

Re: List pages to print, select one page

<gmaxey@xxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:uPul\$oLQIHA.1208@xxxxxxxxxxxxxxxxxxxxxxxxxx

Bruce,

You probably don't want to clutter your list of pages the user can select from with any other bookmark name. One way to do this is with a UserForm. Create a UserForm that contains a ListBox that lists the pages the user can choose from (I would make it a multi-select list) and a Command Button. Populate the Listbox with the list of pages bookmarked "Page_1", "Page_2", etc.

Here is some sample code that you could use:

Re: List pages to print, select one page

```
Private Sub  
  CommandButton1_Click()  
  Dim i As  
  Long  
  Dim pStr  
  As String  
  If  
  ListBox1.ListIndex  
  <> -1 Then  
  For i = 0 To  
  ListBox1.ListCount  
  - 1  
  If  
  ListBox1.Selected(i)  
  Then  
  pStr = pStr  
  +  
  ListBox1.List(i)  
  & ", "  
  End If  
  Next i  
  End If  
  'Clean up  
  string  
  pStr =  
  Left(pStr,  
  Len(pStr) -  
  2)  
  'PrintOut  
  Application.PrintOut  
  Range:=wdPrintRangeOfPages,  
  Pages:=pStr  
  Unload Me  
End Sub
```

```
Private Sub  
  UserForm_Initialize()  
  Dim oBM  
  As  
  Bookmark  
  Dim oBMs  
  As  
  Bookmarks  
  Set oBMs =  
  ActiveDocument.Bookmarks  
  For Each  
  oBM In  
  oBMs  
  If  
  InStr(oBM.Name,
```

Re: List pages to print, select one page

```
"Page_" >  
0 Then  
Me.ListBox1.AddItem  
Mid(oBM.Name,  
6,  
Len(oBM.Name)  
- 5)  
End If  
Next  
End Sub
```

--
Greg
Maxey/Word
MVP
See:
http://gregmaxey.mvps.org/word_tips.htm
For some
helpful tips
using Word.

BruceM
wrote:

I
have
a
situation
where
the
user
may
select
one
of
several
possible
pages
to
print.
My
idea
(which
may
be
off
the
mark,
but
it's

Re: List pages to print, select one page

what
has
occurred
to
me)
is
that
each
of
the
pages
would
contain
a
bookmark.

I
have
adapted
some
code
Jay
Freedman
posted
about
a
year
ago
to
list
bookmarks.

I
run
the
code
as
a
macro.
Dim
bkm
As
Word.Bookmark
Dim
doc
As
Word.Document
Dim
strBkm
As
String
Set
doc

Re: List pages to print, select one page

```
=  
ActiveDocument  
strBkm  
=  
""
```

```
For  
Each  
bkm  
In  
doc.Bookmarks  
strBkm  
=  
strBkm  
&  
bkm.Name  
&  
vbCrLf  
Next
```

```
MsgBox  
strBkm
```

This
produces
a
list
of
bookmarks
in
the
document.

I
realize
the
list
as
produced
by
this
code
is
for
display
only,
but
what
I
hope
is
that

Re: List pages to print, select one page

the
user
can
select
from
the
list,
thereby
printing
the
page
on
which
the
bookmark
appears.
I
already
have
worked
out
some
code
that
can
identify
the
page
number.
Maybe
it
would
be
something
like:
Dim
b1
as
Long

b1
=
ActiveDocument.Bookmarks("MoreStart").Range
-
.Information(wdActiveEndAdjustedPageNumber)
ActiveDocument.PrintOut
-
Range:=wdPrintFromTo,
From:=CStr(b1),
To:=CStr(b1)

Re: List pages to print, select one page

This
may
not
be
the
smoothest
way
to
accomplish
what
I
need.
For
instance,
maybe
I
can
produce
a
list
of
bookmarks,
and
when
the
user
selects
one
Word
can
go
to
that
page,
and
I
can
use
wdPrintSelection,
or
something
like
that.
Or
maybe
there
is
another
option
I
have

Re: List pages to print, select one page

Re: List pages to print, select one page

not
considered.
The
main
thing
is
that
I
would
first
need
to
have
a
user-selectable
list
to
identify
the
page
that
needs
to
be
printed.