

Re: Dealing with Tables in VBA

Source:

<http://www.tech-archive.net/Archive/Word/microsoft.public.word.vba.general/2008-07/msg00686.html>

- *From:* Budget Programmer <BudgetProgrammer@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 28 Jul 2008 07:31:02 -0700
-

Doug,

Thanks. I think I'm most of the way there, with your help. There's one remaining problem. I think it's with the statement "k = .Paragraphs.Count".

I followed it in the debugger and "k" never increments beyond 1.

When I click on the button ¶ on the tool bar in the Word document, I see the symbol ¶ after every line within the cell, so I'm assuming them to be what Word considers a paragraph.

As a small test, I recorded a macro where I added some text, pressed the "Enter" key, added some text, pressed the "Enter" key, etc. It generated the following code.

```
Selection.TypeText Text:="Text of Line 1"  
Selection.TypeParagraph  
Selection.TypeText Text:="Text of Line 2"  
Selection.TypeParagraph  
Selection.TypeParagraph
```

The ¶ symbol appeared 3 times in the text that was created by the little test-macro I wrote, so it seems I have a Word paragraph indicator at the end of every line.

Thanks for your help.

--

Programmer on Budget

"Doug Robbins – Word MVP" wrote:

The following code will display in a message box, the contents of the text n-1 paragraphs in any cell in the second column of any table after the second instance of "Data Filter Requirements" in the document where the nth paragraph of that cell contains an unchecked checkbox formfield and the text "No Filter Required"

I am not sure really where you want the information in Excel, so I will leave that part up to you. However, you may want to take a look at the article "Control Excel from Word" at:

Re: Dealing with Tables in VBA

<http://www.word.mvps.org/FAQs/InterDev/ControlXLFromWord.htm>

```
Dim Source As Range, SourceData As Range
Dim i As Long, j As Long, k As Long
i = 0
With ActiveDocument
Selection.HomeKey wdStory
Selection.Find.ClearFormatting
With Selection.Find
Do While .Execute(Findtext:="Data Filter Requirements",
Forward:=True, MatchWildcards:=False, Wrap:=wdFindStop) = True
i = i + 1
If i = 2 Then
Set Source = Selection.Range
Exit Do
End If
Loop
End With
Source.End = .Range.End
End With
With Source
For i = 1 To .Tables.Count
With .Tables(i)
For j = 1 To .Rows.Count
With .Rows(j).Cells(2).Range
k = .Paragraphs.Count
If InStr(.Paragraphs(k).Range, "No Filter Required") > 0
Then
If .Paragraphs(k).Range.FormFields(1).CheckBox.Value
= False Then
Set SourceData = .Paragraphs(1).Range
SourceData.End = .Paragraphs(k - 1).Range.End
MsgBox SourceData.Text
End If
End If
End With
Next j
End With
Next i
End With
```

—
Hope this helps.

Please reply to the newsgroup unless you wish to avail yourself of my services on a paid consulting basis.

Doug Robbins – Word MVP

"Budget Programmer" <BudgetProgrammer@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in

Re: Dealing with Tables in VBA

message news:82A825EF-3180-4093-B3B0-B44E25B1F474@xxxxxxxxxxxxxxxxxxxx

Hi,

Sorry it isn't clear.

Anytime the checkbox next to "No Filter Required" is checked, do nothing for that row.

Anytime the checkbox next to "no Filter Required" is NOT checked, copy everything in that cell (except for the last line, containing the checkbox and "No Filter Required")

To excel.

Thanks

--

Programmer on Budget

"Doug Robbins – Word MVP" wrote:

Sorry, that does not really indicated what data you want copied to Excel.

Using that example, can you indicate what it is?

--

Hope this helps.

Please reply to the newsgroup unless you wish to avail yourself of my services on a paid consulting basis.

Doug Robbins – Word MVP

"Budget Programmer"

<BudgetProgrammer@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in

message

news:4D28C437-8AC9-4750-B8A4-E2346746991F@xxxxxxxxxxxxxxxxxxxx

Hello,

The column layout of each row is:

Column 1 – A unique identifier for each row. Format is MB.01, MB.02, etc.

Column 2 – Variable contents. The only thing consistent about each cell

in

column 2 is that there's a checkbox, a space, and the text "No Filter Required"

Re: Dealing with Tables in VBA

Column 3 – It's comments for the reader. No value to this programming effort. I'm only focusing on column 2

To answer your questions specifically:

1. Yes it's correct. The checkbox, a space, and "No Filter Required"

are

the last line of the cell"

2. Yes, the line before each row is terminated with a paragraph indicator

¶

3. The contents of the cell's are very variable.

The contents of the cell in column 2, row 2 is

"(checkbox)(space) Customer Number

_____¶

¶

(checkbox)(space)No Filter Required"

The contents of the cell in column 2, row 3 is:

"(checkbox, space)Active¶

(checkbox, space)Inactive¶

(checkbox, space)No Filter Required¶"

The contents of the cell in column 2, row 4 is:

"StartDate = yyyy/mm/dd¶

¶

(checkbox, space)No Filter Required¶"

Thanks again for your help.

—

Programmer on Budget

"Doug Robbins – Word MVP" wrote:

OK, I am going to assume that they are checkbox formfields. However, a bit of clarification of the following would help:

Find the text in the second

Re: Dealing with Tables in VBA

column of each row "No Filter Required". That string is always the last line of the cell. If the checkbox just to the left of, and on the same last line as, that string within the cell is checked, then do nothing and go to the next row. If there's something there, copy everything else in the cell (except for that last line) to an Excel spreadsheet where I'll deal with it later.

1. Is it correct that the checkbox and the text "No Filter Required" are in the same cell of the table?

2. If the answer to 1 is "Yes", are the checkbox and the text "No Filter Required" in a paragraph by themselves. That is, if you click on the Show/Hide (¶) button, is the line before the line containing the checkbox terminated with a ¶?

3. What do you mean by "If there's something there"? Exactly where is "there"? Are we now talking about something being in the second column of

Re: Dealing with Tables in VBA

enabled.

Many

Thanks

--

Programmer

on Budget

"Doug

Robbins –

Word

MVP"

wrote:

What

type

of

checkbox

is

it?

A

checkbox

formfield

as

used

in

a

protected

document

or

something

else?

--

Hope

this

helps.

Please

reply

to

the

newsgroup

unless

you

wish

to

avail

yourself

of

Re: Dealing with Tables in VBA

my
services
on
a
paid
consulting
basis.

Doug
Robbins
-
Word
MVP

"Budget
Programmer"
<BudgetProgrammer@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:90653287-4540-474B-AF42-C51DF2582C91@xxxx

I
have
a
lot
of
experience
with
Excel
VBA,
but
don't
know
much
about
Word
VBA.
Here's
what
I'd
like
to
do:

Find
a
occurance
of
a
text

Re: Dealing with Tables in VBA

string
"Data
Filter
Requirements"
after
the
table
of
contents.
(If
I
have
to
find
the
second
occurrence
of
it,
that's
fine).
After
that
text,
there
are
a
variable
number
of
tables.
Within
each
table,
I'd
like
to:
Find
the
text
in
the
second
column
of
each
row
"No
Filter
Required".
That

Re: Dealing with Tables in VBA

string
is
always
the
last
line
of
the
cell.
If
the
checkbox
just
to
the
left
of,
and
on
the
same
last
line
as,
that
string
within
the
cell
is
checked,
then
do
nothing
and
go
to
the
next
row.
If
there's
something
there,
copy
everything
else
in
the
cell
(except

Re: Dealing with Tables in VBA

for
that
last
line)
to
an
Excel
spreadsheet
where
I'll
deal
with
it
later.
I'd
like
to
loop
through
every
row
(variable
number
of
rows)
in
every
table
(variable
number
of
tables).
I'd
appreciate
any
help
you
could
give.
I
just
don't
know
how
to
search
for
a
table,
determine
how

Re: Dealing with Tables in VBA

many
rows
there
are,
how
many
tables
there
are,
find
a
checkbox,
select
only
the
last
line
of
text
in
a
cell,
etc.
Many
Thanks.