

Re: Dealing with Tables in VBA

Source:

<http://www.tech-archive.net/Archive/Word/microsoft.public.word.vba.general/2008-07/msg00695.html>

- *From:* "Doug Robbins – Word MVP" <dkr@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 29 Jul 2008 06:10:50 +1000
-

That is the end of cell marker and will be treated as a separate paragraph. However, if the checkbox that you are looking for is on the previous line, then you will need to use `k - 1`

--
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@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:218BDDB5-FB65-4021-B4D1-5154515D0319@xxxxxxxxxxxxxxxxxxxxxx

Doug,
Took another look at it. I gave you the wrong column number. The "activity" is in column C. When I replaced the column indicator from a 2 to a 3, everything worked fine.
Another thing I noticed. If there are 3 ¶ symbols, and one symbol that looks similar to an asterisk at the end of the cell, the paragraph count = 4.
That's fine, I can deal with that. Just for my information, what's the asterisk-like symbol at the end of the cell called? End-of-cell indicator?
Many thanks for all your help. I really appreciate it.
Phil
--
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

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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:

<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
```

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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 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.

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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"

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

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```
"(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
column of
each row
"No Filter

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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

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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
the next row
of the table?
And, which
cell is it for
which
everything
but

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the last line
should be
copied. Are
we now
talking
about the
cell
that
contains the
checkbox
and the text
"No Filter
Required"?

--
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:DDB77AB5-12B0-4DBC-A0E5-A59D140B8B27@xxxxxxxx

Hi,
When
I
click
on
the
Checkbox,

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the
border
on
the
resulting
dialogue
box
says
"Check
Box
Form
Field
Options".
There
is
no
Bookmark,
and
the
checkbox
is
enabled.
Many
Thanks
--
Programmer
on
Budget

"Doug
Robbins
-
Word
MVP"
wrote:

What
type
of
checkbox
is
it?
A
checkbox
formfield
as
used
in
a

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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
string
"Data
Filter
Requirements"
after
the
table
of
contents.
(If
I
have
to
find
the
second
occurance
of
it,
that's
fine).
After
that
text,
there
are
a
variable

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number
of
tables.
Within
each
table,
I'd
like
to:
Find
the
text
in
the
second
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

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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.
I'd
like
to
loop
through
every
row
(variable
number
of
rows)
in
every
table

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(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
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.

