

## Re: Selection.Cells vs Range reference – strange behaviour (using

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*Source:*

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2007-08/msg03376.html>

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- *From:* "Bob Phillips" <[bob.NGs@xxxxxxxxxxxxxxx](mailto:bob.NGs@xxxxxxxxxxxxxxx)>
  - *Date:* Tue, 21 Aug 2007 17:20:52 +0100
- 

These questions end up in the public newsgroups, which is where I lurk, and the ratings are meaningless here, we neither see them, nor care about them.

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HTH

Bob

(there's no email, no snail mail, but somewhere should be gmail in my addy)

"Tara H" <[TaraH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:TaraH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:398A1675-6D0F-4585-98DD-D1C5F506550A@xxxxxxxxxxxxxxxxxxxx](mailto:news:398A1675-6D0F-4585-98DD-D1C5F506550A@xxxxxxxxxxxxxxxxxxxx)

Ah, I see! I'll have to make a note of all this – I've only recently had to use subs that take parameters, but I'm sure I'll need to refer to this again and again.

Thanks,  
Tara

P.S. Sorry I forgot earlier to mark the answer!

"Bob Phillips" wrote:

Tara,

The one I forgot to mention which may be more familiar to you is to call the procedure, then you use parentheses

Call `format_over_105(Range("C1").Cells)`

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HTH

Bob

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"Tara H" <TaraH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:47D8E6F3-F2B2-4000-A875-078007192435@xxxxxxxxxxxxxxxxxxxx](mailto:news:47D8E6F3-F2B2-4000-A875-078007192435@xxxxxxxxxxxxxxxxxxxx)

Thanks Bob.

I included the `format_over_105` code in my original post – it expects a Range, but as I said, my background is in Java, so I am used to putting parentheses to indicate the parameters to be passed.

I'll bear this in mind for the future. Many thanks again for your help.

Tara H

"Bob Phillips" wrote:

As I said, I had to make assumptions as I don't know what `format_over_105` does, but it would seem that it expects a cell(s) reference. `Range("C1").Cells` is such, but by enclosing it within parentheses, the expression was being evaluated before being passed to the routine, hence it was a value being passed, not the cell(s) reference. The brackets have a purpose in a call statement, they are not just ways to organise the statements.

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Bob

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somewhere should be gmail in my  
addy)

"Tara H"

<TaraH@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:A28CE763-266E-40D3-8DC3-C1E423AAA3AD@xxxxxxxxxxxxxxxxxxxxx](mailto:news:A28CE763-266E-40D3-8DC3-C1E423AAA3AD@xxxxxxxxxxxxxxxxxxxxx)

Hi Bob,

Thanks – your first example  
was exactly what I needed!  
Coming from  
a  
Java  
background that seems  
strange to me – simply  
removing the brackets  
from  
around 'Range("C1").Cells'  
to make it work.

Would you mind giving me  
a quick explanation of  
what's going on  
there  
so I  
know for next time?

Many Thanks,  
Tara H

"Bob Phillips" wrote:

Depending  
upon the  
function  
format\_over\_105  
try

Range("C1").Value

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```
= "> 105% "  
format_over_105  
Range("C1").Cells
```

or

```
Range("C1").Value  
= "> 105% "  
format_over_105  
(Range("C1").Value)
```

--  
---  
HTH

Bob

(there's no  
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somewhere  
should be  
gmail in  
my  
addy)

"Tara H"  
<TaraH@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in  
message  
[news:A57B07FA-3150-462A-BA10-A6BD11997FBC@xxxxxxxxx](mailto:news:A57B07FA-3150-462A-BA10-A6BD11997FBC@xxxxxxxxx)

In  
accordance  
with  
good  
practice,  
I'm  
trying  
to  
rewrite  
sections  
of  
my  
code  
that  
rely

Re: Selection.Cells vs Range reference – strange behaviour (using

on  
first  
selecting  
cells  
to  
remove  
the  
selection  
part.  
Generally  
I've  
had  
good  
success  
with  
this,  
but  
the  
following  
has  
me  
totally  
stumped.

I  
have  
a  
series  
of  
subs  
for  
formatting  
text  
along  
the  
lines  
of  
the  
example  
below:

```
Sub  
format_over_105(myRange  
As  
Range)
```

```
With  
myRange.Font  
.ThemeColor  
=  
xlThemeColorDark1
```

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```
.TintAndShade
=
0
End
With
With
myRange.Interior
.Pattern
=
xlSolid
.PatternColorIndex
=
xlAutomatic
.Color
=
255
.TintAndShade
=
0
.PatternTintAndShade
=
0
End
With
End
Sub
```

The original code used the formatter like this:  
Range("C1").Select  
Selection.Value  
=  
>  
105%  
format\_over\_105  
(Selection.Cells)

It seemed that I should be able to

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```
change  
this  
to:  
Range("C1").Value  
=  
>  
105%"  
format_over_105  
(Range("C1").Cells)
```

However,  
the  
second  
example  
gives  
the  
error  
'Object  
Required'  
on  
the  
second  
line,  
and  
when  
I  
hold  
the  
mouse  
over  
the  
line  
that  
gave  
the  
error,  
it  
tells  
me  
Range("C2").Cells  
=  
"Delivery  
>  
105%".  
I  
have  
tried  
using  
just  
Range("C1"),  
but

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that  
gives  
the  
same  
error.

I  
would  
have  
thought  
that  
the  
first  
and  
second  
example  
were  
equivalent

–  
can  
anyone  
explain  
to  
me  
why  
the  
first  
works  
and  
the  
second  
doesn't?

The  
purpose  
of  
the  
above  
is  
simply  
to  
provide  
a  
'key'

–  
the  
formatting  
of  
the  
actual  
rows

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according  
to  
their  
values  
works  
fine  
with  
For  
Each  
myRow  
In  
ActiveSheet.UsedRange.Rows  
....  
format\_over\_105  
(myRow.Cells)

Many  
thanks  
in  
advance,  
Tara  
H