

# Re: Autosort, but keep Row 1 separate

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*Source:* <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2007-01/msg02086.html>

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- *From:* Dave Peterson <[petersod@xxxxxxxxxxxxxxxxxxxx](mailto:petersod@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 16 Jan 2007 13:09:36 -0600
- 

Check this thread again. There is a solution that sorts the required range--not the whole column.

Orangepegs wrote:

Okay, here's the code I'm using:

```
Private Sub Worksheet_Change(ByVal Target As Range)
If Intersect(Target, Range("R3")) Is Nothing Then
Exit Sub
End If
```

```
Application.EnableEvents = False
Columns("A:S").Sort _
Key1:=Range("B3"), order1:=xlAscending, _
Key2:=Range("G3"), order2:=xlDescending, _
Key3:=Range("K3"), order3:=xlDescending, _
header:=xlYes
```

```
Range("A3:S3").Insert Shift:=xlDown
Application.EnableEvents = True
End Sub
```

Key 1 sorts the list based on an alpha value (A, N, and U)  
Key 2 sorts the list based on a numeric value (this is the line where I need the average formula for C3:F3)  
Key 3 sorts the list based on a date  
The R3 function is where I confirm all data in the line. When I enter any value, the sort kicks in.

"Dave Peterson" wrote:

Actually, I don't understand why just sorting rows 4 to whatever won't work.

Maybe you should post the code that you're using.

Orangepegs wrote:

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I guess I don't really follow. The way it's set up, lines 1 and 2 are headers, line 3 is where the data is input, and it's sorted into lines 4 through whatever. It is sorted by code, and it works wonderfully thanks to your previous tips. The only problem I have right now is being able to have a formula automatically populate cell G3, as it always disappears in the sort.

You seem to have a pretty good idea of what I'm looking to do. In this case, how would you set everything up? And please be specific, as my knowledge of Excel jargon is limited. I've had people to "just do this" or "just do that," and unless the steps of doing those things are broken down for me, I'm completely lost.

Again though, I really appreciate your help and patience in this matter.

Thanks,

Orangepegs

"Dave Peterson" wrote:

If you're sorting by code, the change the code to start the sort range in row 3.

If you're sorting manually, don't include row 3 in your sort range.

Orangepegs wrote:

I wanted it to be an automatic function for when I entered new candidates into my spreadsheet, and I wanted to base it off of several cells, rather than just one. No matter what I do, when row three is

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sorted into the rest of the document, the replacement row comes in completely blank. If there is a better way to do this, I am open to suggestions. As is, I have 16 different sheets within the book, and each has a top 5 group that is linked to the first sheet (so it summarizes the top five candidates of each skill-set). I used an "indirect" formula for that, so it continuously updates when the order of any sheet changes. I could be asking it to do too many automatic things, but I'm looking for a really hands-off spreadsheet here...

"Dave Peterson" wrote:

Why not just sort the range with the data? There was a suggestion a few posts ago that sorted the range starting with row 3.

Orangepegs wrote:

I think you're right. The formula I'm

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using  
is  
in  
a  
cell  
that  
is  
sorted.  
Is  
there  
a  
way  
to  
have  
a  
cell  
default  
to  
a  
certain  
formula?  
Do  
I  
need  
to  
create  
a  
macro  
button  
or  
something?

Thanks,

"Dave  
Peterson"  
wrote:

I  
still  
don't  
think  
that  
it's  
the  
formula  
that's  
causing  
the  
problem.

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My  
guess  
is  
that  
you're  
including  
that  
row  
in  
the  
range  
to  
sort  
(and  
it's  
not  
the  
header  
row).

Orangepegs  
wrote:

It  
could  
be  
because  
I'm  
putting  
the  
code  
directly  
into  
a  
cell  
rather  
than  
putting  
it  
in  
the  
sheets  
coding  
with  
everything  
else  
related  
to

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the  
autosort.  
Problem  
is,  
I  
don't  
really  
know  
how  
to  
utilize  
that  
aspect  
of  
Excel,  
and  
I  
don't  
know  
where  
to  
input  
my  
average  
code,  
or  
even  
if  
that  
code  
changes  
when  
putting  
it  
in  
there  
rather  
than  
the  
actual  
cell.  
Regardless,  
my  
code  
doesn't  
actually  
disappear.  
Instead,  
it  
sorts  
into

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the  
row  
that  
the  
rest  
of  
the  
information  
moves  
to.

Oh,  
and  
just  
so  
you  
know,  
I  
moved  
my  
input  
row  
to  
3  
because  
the  
formatting  
of  
my  
input  
row  
changes  
according  
to  
the  
row  
just  
above  
it  
(so  
the  
formatting  
of  
my  
header  
was  
affecting  
the  
coding  
of  
line

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2).  
So  
I  
just  
changed  
the  
input  
line  
to  
3,  
left  
2  
blank,  
and  
reduced  
it  
so  
it's  
not  
visible.  
That  
seemed  
to  
have  
taken  
care  
of  
the  
problem.  
Anyhow,  
is  
there  
something  
I  
can  
do  
about  
this  
formula,  
or  
am  
I  
going  
about  
this  
the  
wrong  
way?

Thanks,

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"Dave  
Peterson"  
wrote:

I  
would  
think  
that  
sorting  
rows  
3  
to  
whatever  
would  
mean  
that  
whatever  
is  
in  
row  
2  
will  
never  
change.

I  
guess  
I  
don't  
understand  
why  
it  
does  
for  
you—did  
you  
try  
the  
code  
changes?

Orangepegs  
wrote:

I  
think  
we're  
close  
to

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what  
I'm  
trying  
to  
accomplish...  
I  
am  
a  
recruiter,  
and  
I'm  
trying  
to  
create  
a  
spreadsheet  
for  
my  
candidates  
to  
categorize  
them  
based  
on  
skillset,  
qualifications,  
and  
rankings.  
The  
overall  
rankings  
is  
where  
the  
average  
formula  
comes  
into  
play.  
This  
is  
similar  
to  
what  
my  
spreadsheet  
looks  
like  
(The  
three  
determining

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factors  
on  
this,  
however,  
would  
be  
columns  
B  
and  
G  
(for  
simplicity's  
sake  
I  
reduced  
and  
rearranged  
columns  
for  
this  
example.  
I  
want  
it  
to  
sort  
by  
Status  
first,  
then  
Overall):

A  
B  
C  
D  
E  
F  
G  
1-  
Name:  
Status:  
Attitude:  
Comm:  
Apprnc:  
Expreience:  
Overall:  
(etc)  
2-  
Jon  
A

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10  
4  
7  
10  
3-  
Mary  
A  
9  
9  
8  
6  
8  
4-  
Kim  
A  
7  
1  
1  
1  
2.5  
5-  
Paul  
U  
2  
1  
4  
4  
2.8  
  
As  
my  
coding  
states,  
the  
header  
(which  
is  
frozen)  
is  
in  
Row  
1,  
and  
the  
input  
line  
is  
Row  
2.  
On  
Column

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S,  
when  
I  
enter  
in  
any  
letter  
and  
press  
enter,  
it  
inserts  
everything  
in  
Row  
2  
to  
the  
appropriate  
row  
within  
the  
worksheet.  
The  
overall  
score  
is  
one  
of  
the  
sorting  
factors,  
but  
I  
want  
it  
to  
be  
based  
off  
of  
an  
average  
from  
columns  
C  
through  
F.  
Is  
there  
a

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place  
in  
the  
coding  
I  
can  
input  
a  
code  
to  
be  
sure  
that  
G2  
is  
averaging  
C2:F2?

I  
might  
be  
approaching  
this  
from  
the  
wrong  
angle,  
but  
I'm  
new  
to  
the  
page  
coding  
thing,  
and  
all  
I  
really  
know  
are  
basic  
formulas.

Thanks,

Orangepegs

"Dave  
Peterson"  
wrote:

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It  
sounds  
like  
your  
headers  
are  
in  
row  
1,  
you  
have  
the  
=average()  
formulas  
in  
row  
2  
and  
the  
data  
in  
rows  
3:xxxx.

You  
could  
sort  
rows  
3  
to  
xxxx  
and  
turn  
headers  
to  
off.

I  
like  
to  
do  
something  
like:

dim  
LastRow  
as  
long  
dim

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```
RngToSort
as
range
with
worksheets("sheet99
lastrow
=
.cells(.rows.count,"A
set
rngtosort
=
.range("a3:s"
&
lastrow)
with
rngtosort
Key1:=.columns(7),
order1:=xlDescending
-
Key2:=.columns(11)
order2:=xlDescending
-
Key3:=.columns(12)
order3:=xlDescending
-
header:=xlno
end
with
end
with

====
PS.
Another
thing
you
may
want
to
consider.
Put
your
average
formulas
in
Row
1.
Put
the
headers
in
```

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Row  
2.

Then  
select  
A3  
and  
window|Freeze  
panes.

Then  
the  
averages  
will  
always  
be  
visible  
above  
the  
headers.  
And  
the  
averages  
look  
like  
they're  
not  
part  
of  
the  
data.

PPS.  
And  
you  
may  
want  
to  
consider  
using  
=subtotal(1,...)  
as  
your  
average  
formulas.  
If  
you  
apply  
data|filter|autofilter,  
then  
this

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function  
will  
ignore  
the  
hidden  
rows.  
Kind  
of  
neat  
if  
you're  
looking  
at  
only  
certain  
categories.

Orangepegs  
wrote:

That  
was  
very  
helpful,  
thank  
you.  
It  
solved  
the  
header  
issue.  
However,  
there  
is  
one  
more  
issue  
at  
hand.  
The  
cell  
G2  
is  
meant  
to  
average  
a2:f2.  
Whenever  
the  
autosort

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kicks  
in,  
it  
leaves  
G2  
as  
a  
blank  
cell  
with  
no  
more  
formula.  
Is  
there  
a  
way  
to  
correct  
that?

Thanks,

Orangepegs

"Dave  
Peterson"  
wrote:

I'm  
not  
sure  
what  
you'  
doin'  
with  
"Key  
but  
if  
you  
reall  
mea  
to  
sort  
by  
3  
key  
field  
you'  
wan

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to  
use  
Key  
key2  
key3

And  
one  
of  
the  
optio  
whe  
you  
sort  
is  
to  
allo  
exce  
to  
gues  
at  
the  
head  
row.  
Sinc  
you  
know  
your  
data  
has  
head  
just  
tell  
exce  
that  
in  
your  
code

Colu  
-  
Key  
orde  
-  
Key  
orde  
-  
Key  
orde  
-  
head

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Oran  
wrot

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Re: Autosort, but keep Row 1 seperate

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Dave  
Pete

--

Re: Autosort, but keep Row 1 seperate

Dave  
Peterson

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Dave  
Peterson

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Dave  
Peterson

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Dave  
Peterson

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Dave Peterson

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Dave Peterson

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Dave Peterson

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