

# Re: Excel List Sorting

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*Source:* <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2006-08/msg01548.html>

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- *From:* Gord Dibben <gorddibbATshawDOTca>
  - *Date:* Sun, 06 Aug 2006 08:53:24 -0700
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Thanks for jumping in Dave.

Good point about the typo and not finding it.

"Gord's routine" began life as code from Debra's DataValListAddSort.xls

Gord

On Sat, 05 Aug 2006 18:52:02 -0500, Dave Peterson <petersod@xxxxxxxxxxxxxxxxxxxx> wrote:

It would drive me nuts to have my data sorted as soon as I made a change. I'd be more irritated if I made a typo and my data was sorted--and I couldn't find my typo.

I'd rather use this technique (from Debra Dagleish's site):  
<http://www.contextures.com/xlSort02.html>

But you could modify Gord's routine if you really want:

```
Option Explicit
Private Sub Worksheet_Change(ByVal Target As Range)

'only one cell at a time!
If Target.Cells.Count > 1 Then Exit Sub

'sort only if the change was in column D
If Intersect(Target, Me.Range("D9:D75")) Is Nothing Then Exit Sub

With Me.Range("A9:x75")
.Sort key1:=.Columns(4), order1:=xlAscending, _
key2:=.Columns(5), order2:=xlAscending, _
key3:=.Columns(1), order3:=xlAscending, _
header:=xlNo, OrderCustom:=1, _
MatchCase:=False, Orientation:=xlTopToBottom
End With
End Sub
```

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Change this portion:

With `Me.Range("A9:x75")`

to match the columns that include the range to sort (I stopped at column X).

This assumes that your data starts in row 9 (I used `header:=xlno`).

And I sorted by column 4 (D), then E, then A. Change/delete those if you don't want them.

If that isn't sufficient, there are other ways, too.

ben.lopresti@xxxxxxxxxx wrote:

Gord,

Thank you very much for your timely reply. It was very helpful. Here is the problem that I am now experiencing.

Firstly, The column I need automatically sorted is column D (not A), and I need it actually to start with row 9, and only go through row 75. Is that at all possible?

Secondly, when I tried your code, it worked, but it would not link the cells in column A with their respective cells in columns 2, 3, 4, etc. The result was that the dates automatically jumped into a sorted position, but they were not linked with the names, locations, etc. that were to go with them in the other columns. The dates worked, but then the other information was not.

Is there any way to have Excel sort my list ascending via the information in D9–D75, and have it link the information in columns A–C to the cells in their respective rows in column D?

I know I'm asking a lot – thank you very much.

–Ben LoPresti

Gord Dibben wrote:

Ben

You have to use event code in the sheet module.

Right-click on your sheet tab and "View Code"

Copy/paste this code into that module.

```
Private Sub Worksheet_Change(ByVal Target As Range)
```

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```
Columns(1).Sort Key1:=Range("A1"),  
Order1:=xlAscending, _  
Header:=xlGuess, OrderCustom:=1, _  
MatchCase:=False, Orientation:=xlTopToBottom  
End Sub
```

As you enter data in column A it will sort.

Gord Dibben MS Excel MVP

On 5 Aug 2006 13:10:54 -0700, ben.lopresti@xxxxxxxxxx  
wrote:

I am trying to keep my records in Excel, and  
I want to keep the list  
sorted by "Last Date Contacted". This  
column is constantly being  
updated, depending on when the person was  
contacted last.

Right now, I have to sort the list after each  
change to a cell in the  
"Last Date Contacted" column. Is there any  
way to make the list  
automatically sort itself in real-time, based  
on any changes that I  
make to this column? (when I change the  
date, the row would  
automatically jump to its proper place, based  
on the new date)

Thanks a lot.

-Ben LoPresti

Gord Dibben MS Excel MVP

Gord Dibben MS Excel MVP

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