

Re: Code needed to find records from bottom up

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Source: <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2005-12/msg00759.html>

- *From:* Dave Peterson <petersod@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 04 Dec 2005 09:27:11 -0600
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Are you doing the equivalent of Edit|Find in code?

If you are, then there's a parameter in the .find command that tells excel which way to look:

```
SearchDirection:=xlNext  
becomes  
SearchDirection:=xlPrevious
```

And one nice way to start looking from the bottom up is to start in the firstcell, but use xlprevious:

```
Option Explicit  
Sub Testme()
```

```
Dim FoundCell As Range  
Dim RngToLook As Range  
Dim DateToLookFor As Date  
Dim FirstAddress As String  
Dim wks As Worksheet
```

```
DateToLookFor = DateSerial(2005, 12, 1)
```

```
Set wks = Worksheets("sheet1")
```

```
With wks  
Set RngToLook = .Range("a2", .Cells(.Rows.Count, "A").End(xlUp))  
End With
```

```
With RngToLook  
Set FoundCell = .Cells.Find(what:=DateToLookFor, _  
After:=.Cells(1), _  
LookIn:=xlFormulas, LookAt:=xlWhole, _  
SearchOrder:=xlByRows, _  
SearchDirection:=xlPrevious, _  
MatchCase:=False)
```

```
If FoundCell Is Nothing Then  
MsgBox DateToLookFor & " wasn't found"
```

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```
Else
FirstAddress = FoundCell.Address
Do
MsgBox FoundCell.Address(0, 0)
Set FoundCell = .FindPrevious(FoundCell)
Loop While FoundCell.Address <> FirstAddress
End If
End With
```

End Sub

If you wanted to start at the top and look down, you could use the lastcell and xlnext:

```
With RngToLook
Set FoundCell = .Cells.Find(what:=DateToLookFor, _
After:=.Cells(.cells.count), _
LookIn:=xlFormulas, LookAt:=xlWhole, _
SearchOrder:=xlByRows, _
SearchDirection:=xlNext, _
MatchCase:=False)
```

```
If FoundCell Is Nothing Then
MsgBox DateToLookFor & " wasn't found"
Else
FirstAddress = FoundCell.Address
Do
MsgBox FoundCell.Address(0, 0)
Set FoundCell = .Find(FoundCell)
Loop While FoundCell.Address <> FirstAddress
End If
End With
```

=====

And you didn't ask for this, but if you're doing Edit|Find manually, you can shift-click on the Find button (in that dialog) and it searches in reverse order. Neat trick, huh?

Andy wrote:

```
>
> Hi,
>
> I have a database that is arranged in chronological order sorted by date in
> ascending order, I want to find records from bottom of the database up.
> More, if I need to find the next matching record, I want to find > next
> again from the bottom up that is one row up from the first found record.
>
> Can someone provide code to do that. Thanks
>
> Ps What I have been doing is to sort the database by date by descending order
```

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> first then do a normal find.

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Dave Peterson

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- **Follow-Ups:**
 - ◆ **Re: Code needed to find records from bottom up**
 - ◇ From: Andy
 - **References:**
 - ◆ **Code needed to find records from bottom up**
 - ◇ From: Andy
 - Prev by Date: **Re: How do I get all text to print in merged and wrapped cells.**
 - Next by Date: **Re: Question that should be easy but is getting on my nerves :)**
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