

RE: Switch formula in query results in "Text too long to be edited."

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- *From:* Klatuu <[Klatuu@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Klatuu@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
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I suggest writing a function to parse the phone number field and return it in the desired format. To call a function from a query, it has to be a Public function in a standard module. Then use a calculated field in the query to return the value:

in the query builder:

DPSwitch: ParsePhone([WK\_PHONE\_NBR])

or in SQL:

```
SELECT ParsePhone([WK_PHONE_NBR]) As DPSwitch
```

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Dave Hargis, Microsoft Access MVP

"anwest75" wrote:

I am extracting phone numbers from our HRIS system and there are several types of formatting on the phone numbers. I need the format to be consistent – xxxxxxxxx – so I have constructed a SWITCH formula to address the reformatting needs instead of using a series of nested IIFs. Unfortunately, the formula produces a "test is too long to be formatted" error when I try to paste it from WordPad to an A2002 query. I'm not sure if I'm missing a comma or something very simple, or if the field truly has a limit that I've exceeded. Any thoughts/comments/help is appreciated! Thanks!!

Here is the formula:

```
DPSwitch: Switch(Len(Trim([WK_PHONE_NBR]))=10,Trim([WK_PHONE_NBR]),  
Len(Trim([WK_PHONE_NBR]))=11,Mid([WK_PHONE_NBR],1,3)+Mid([WK_PHONE_NBR],5,7),  
Len(Trim([WK_PHONE_NBR]))=12 And InStr(1,[WK_PHONE_NBR],"(")=1,Mid(  
[WK_PHONE_NBR],2,3)+Mid([WK_PHONE_NBR],6,7),  
Len(Trim([WK_PHONE_NBR]))=12 And InStr(1,[WK_PHONE_NBR],"(")<>1,Mid(  
[WK_PHONE_NBR],1,3)+Mid([WK_PHONE_NBR],5,3)+Mid([WK_PHONE_NBR],9,4),  
Len(Trim([WK_PHONE_NBR]))=13 And InStr(1, [WK_PHONE_NBR],"(")<>1,Null,  
Len(Trim([WK_PHONE_NBR]))=13 And InStr(1,Trim([WK_PHONE_NBR]),"(")=1,Mid(
```

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[WK\_PHONE\_NBR],2,3)+Mid([WK\_PHONE\_NBR],6,2)+Mid([WK\_PHONE\_NBR],10,4),  
Len(Trim([WK\_PHONE\_NBR]))=14 and Instr(1,[WK\_PHONE\_NBR],"1")=1,Mid(  
[WK\_PHONE\_NBR],3,3)+Mid([WK\_PHONE\_NBR],7,3)+Mid([WK\_PHONE\_NBR],11,4),  
Len(Trim([WK\_PHONE\_NBR]))=14 and Instr(1, [WK\_PHONE\_NBR],"(")=1 and Instr(1,  
[WK\_PHONE\_NBR],")")<>5,Null,  
Len(Trim([WK\_PHONE\_NBR]))=14 and Instr(1,[WK\_PHONE\_NBR],"(")=1 and Instr(1,  
[WK\_PHONE\_NBR],")")=5,Mid([WK\_PHONE\_NBR],2,3)+Mid([WK\_PHONE\_NBR],7,3)+Mid(  
[WK\_PHONE\_NBR],11,4),  
Len(Trim([WK\_PHONE\_NBR]))=15,Mid([WK\_PHONE\_NBR],2,3)+Mid([WK\_PHONE\_NBR],8,3)  
+Mid([WK\_PHONE\_NBR],12,4))