

Private Sub cmdFilter_Click()

'Purpose: Build up the criteria string from the non-blank search boxes, and apply to the form's Filter.

'Notes:

' 1. We tack " AND " on the end of each condition so you can easily add more search boxes we remove the trailing " AND " at the end.

' 2. The date range works like this: _

Both dates = only dates between (both inclusive. _

Start date only = all dates from this one onwards; _

End date only = all dates up to (and including this one).

Dim strWhere As String 'The criteria string.

Dim lngLen As Long 'Length of the criteria string to append to.

Const conJetDate = "\#mm\dd\yyyy\#" 'The format expected for dates in a JET query string.

'Look at each search box, and build up the criteria string from the non-blank ones.

'Text field example. Use quotes around the value in the string.

'If Not IsNull(Me.cbochaWhat) Then

' strWhere = strWhere & "([chaWhat] = "" & Me.cbochaWhat & """) AND "

'End If

'Another text field example. Use Like to find anywhere in the field.

'Filter by item description (containing)

'If Not IsNull(Me.txtItemDesc) Then

' strWhere = strWhere & "([ItemDesc] Like ""*"" & Me.txtItemDesc & ""*) AND "

'End If

'Number field example. Do not add the extra quotes.

'Filter the item

'If Not IsNull(Me.cbochaWhat) Then

' strWhere = strWhere & "([chaWhat] = " & Me.cbochaWhat & ") AND "

'End If

'Number field example. Do not add the extra quotes.

' Filter the employee

'If Not IsNull(Me.cbochaTo) Then

' strWhere = strWhere & "([chaTo] = " & Me.cbochaTo & ") AND "

'End If

'Number field example. Do not add the extra quotes.

' Filter by dept / cost center

'If Not IsNull(Me.cboCostCenter) Then

' strWhere = strWhere & "([DeptId] = " & Me.cboCostCenter & ") AND "

'End If

'Yes/No field and combo example. If combo is blank or contains "ALL", we do nothing.

[Date]

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'If Me.cboFilterIsCorporate = -1 Then
'  strWhere = strWhere & "([IsCorporate] = True) AND "
'Elseif Me.cboFilterIsCorporate = 0 Then
'  strWhere = strWhere & "([IsCorporate] = False) AND "
'End If

'Date field example. Use the format string to add the # delimiters and get the right international
format.
' Filter by dates
'If Not IsNull(Me.txtStartDate) Then
'  strWhere = strWhere & "([HMEPOMHNIA] >= " & Format(Me.txtStartDate, conJetDate) & ") AND "
'End If

'Another date field example. Use "less than the next day" since this field has times
as well as dates.
If Not IsNull(Me.txtEndDate) Then 'Less than the next day.
strWhere = strWhere & "([HMEPOMHNIA] < " & Format(Me.txtEndDate + 1, conJetDate) & ") AND "
End If
'*****

'Chop off the trailing " AND ", and use the string as the form's Filter.
'*****

'See if the string has more than 5 characters (a trailing " AND ") to remove.
lngLen = Len(strWhere) - 5
If lngLen <= 0 Then 'Nah: there was nothing in the string.
MsgBox "No criteria", vbInformation, "Nothing to do."
Else 'Yep: there is something there, so remove the " AND " at the end.
strWhere = Left$(strWhere, lngLen)
'For debugging, remove the leading quote on the next line. Prints to Immediate
Window (Ctrl+G).
'Debug.Print strWhere
'Finally, apply the string as the form's Filter.
Me.Filter = strWhere
Me.FilterOn = True
End If
End Sub

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Private Sub cmdReset_Click()
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    'Purpose: Clear all the search boxes in the Form Header, and show all records again.
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    Dim ctl As Control
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```
    'Clear all the controls in the Form Header section.
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```
    For Each ctl In Me.Section(acHeader).Controls
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        Select Case ctl.ControlType
```

```
            Case acTextBox, acComboBox
```

```
                ctl.Value = Null
```

```
            Case acCheckBox
```

```
                ctl.Value = False
```

```
        End Select
```

```
    Next
```

```
    'Remove the form's filter.
```

```
    Me.FilterOn = False
```

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End Sub
```