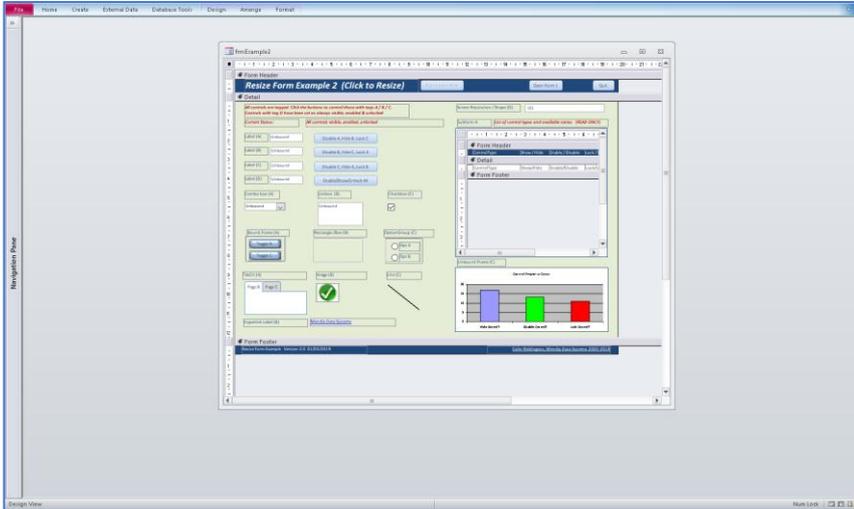


ResizeForm Me – A Tutorial in Automatic Form Resizing

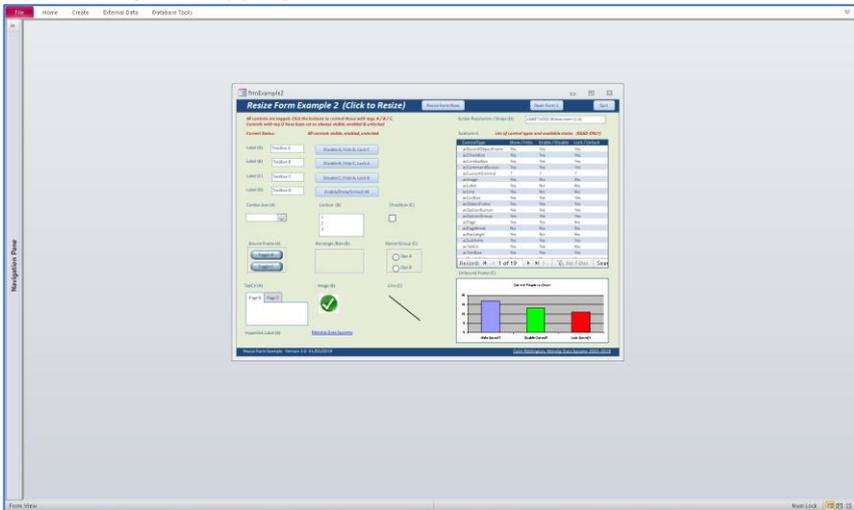
Version 2.6 – Updated 14/03/2019

All developers will be aware that forms designed for a specific screen size/resolution may look dreadful on a different monitor with a higher/lower resolution and /or screen size or shape (4:3, 16:9 or widescreen)

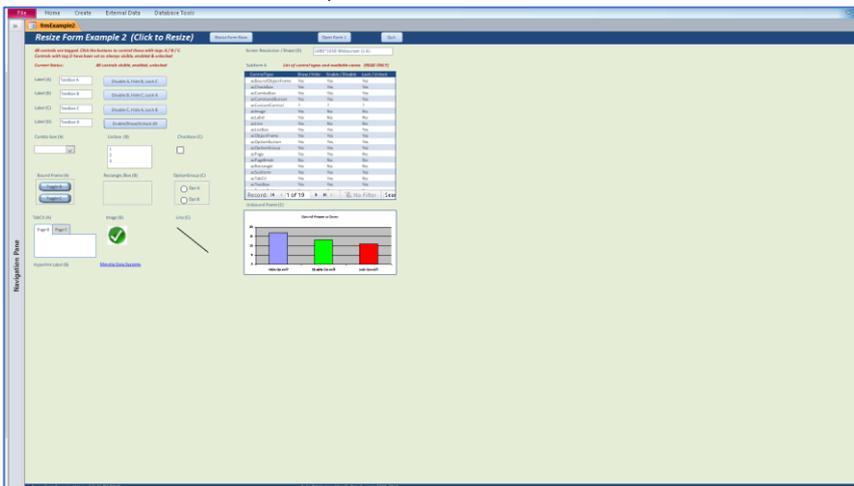
For example, this form was designed at a low resolution (800*600)



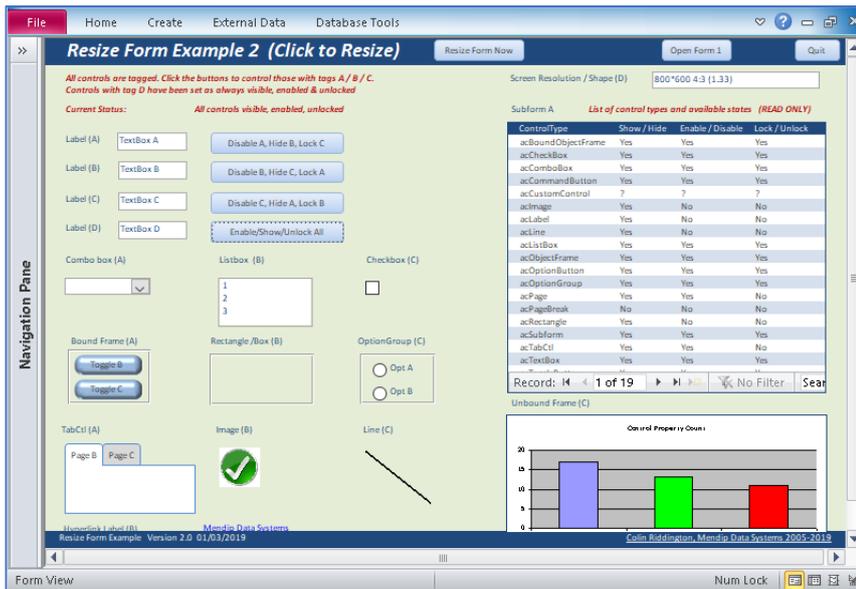
If it is viewed at a higher resolution (1680*1020), it only fills part of the screen and each item is tiny. This is using overlapping windows.



Or with **tabbed documents**, the screen is filled but the contents remain squashed in the top left corner.

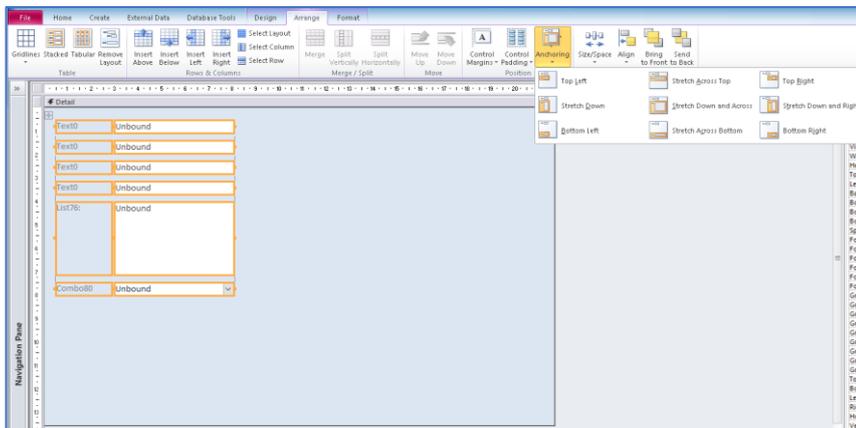


On a smaller screen or lower resolution, the opposite problem occurs with part of the form not shown unless the user scrolls in both directions



The effect is the same whether using overlapping windows or tabbed documents

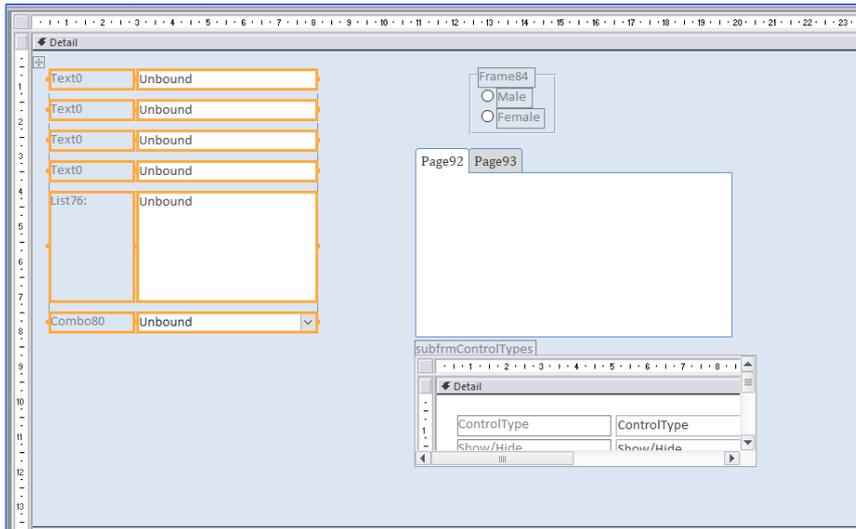
Some developers get around this issue to some extent by using layout guides to group several controls together. For example, a stacked layout has been used for these controls. All controls in the group are automatically made the same width



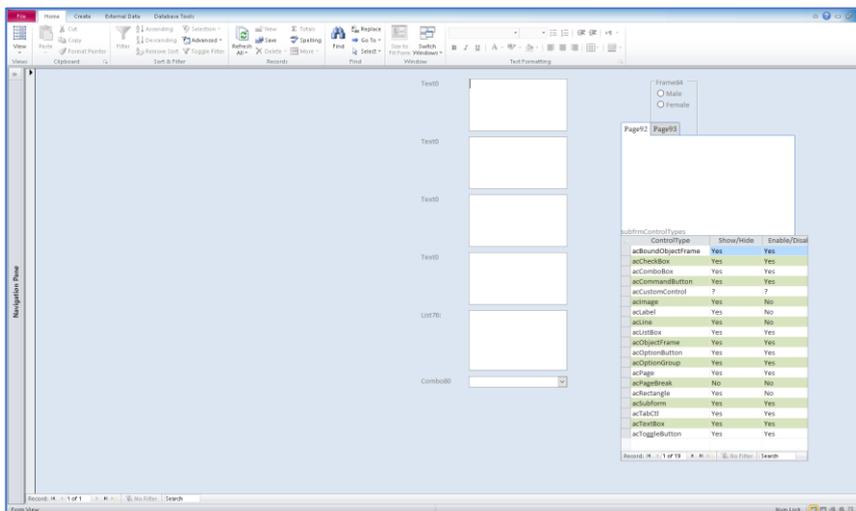
In addition, anchoring can be used to adjust the position/size on the screen. In this case **Stretch Down and Across** has been applied



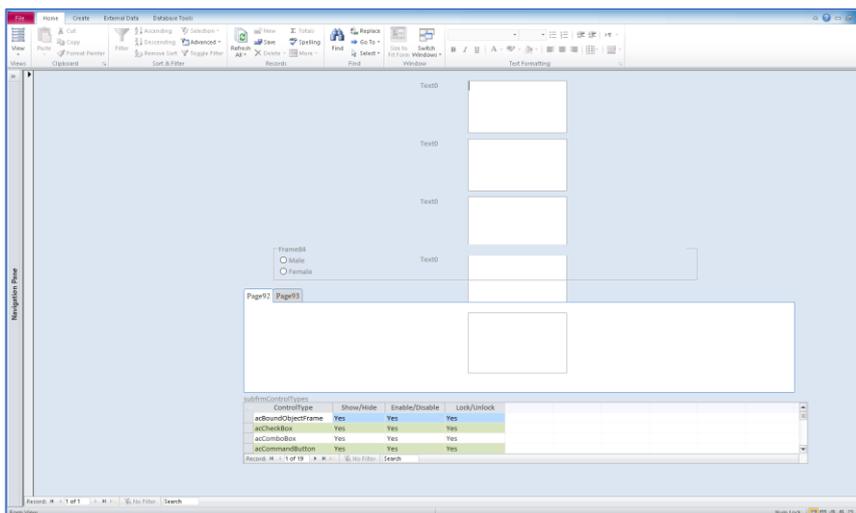
The results can be quite successful for simple form layouts. However, that isn't necessarily the case for more complex form designs. For example, extra controls have been added in design view:



Depending on the anchoring choices, this may result in this (with lots of empty space on the left)



Or another variation with various controls overlapping / obscured ... etc



With planning, reasonable results can still be obtained. However, users do not have full control over positioning and size of each control on the form

Form resizing code is designed to fix all such issues. Forms can be **automatically resized** for any screen size & **resolution** whilst allowing developers full control over the form layout and appearance

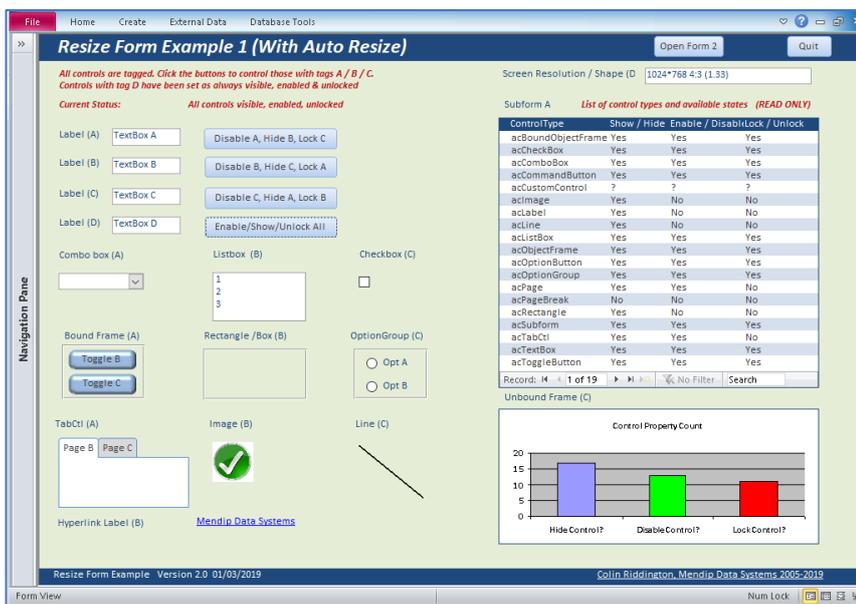
There are various examples available including commercial packages such as:

- **Shrinker Stretcher** available from <http://www.peterssoftware.com/ss.htm>
- **Total Access Components** from <http://www.fmsinc.com/microsoftaccess/controls.html>

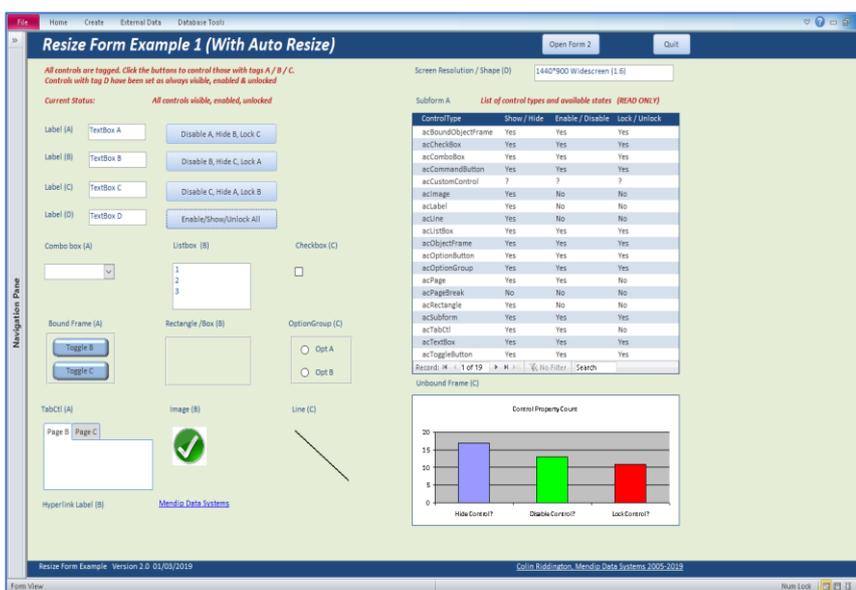
However, for many years, I have used a modified version of **free open source code** by **Jamie Czernik** originally written in 2003. The original code is still available at <http://jamieczernik.powweb.com/articles/resolution.html> though various improvements have been added since by others including myself.

This is an **identical form** to that shown earlier in this article but with form resizing code added.

Here is the form viewed at a resolution of **1024*768**



And again at a resolution of **1440 *900**



And yet again at a resolution of **1680*1050**



As you can see the entire form is shown whatever resolution is used as long as that is the same as or higher than the 'design resolution'.

The code intelligently enlarges the form itself to fit the screen and moves each control by an appropriate amount to keep the form in proportion. It also enlarges each control proportionately together with the contents of that control. The code works for each type of control including subforms

NOTE:

1. To allow for different form factors (screen shapes) i.e. 4:3, 16:9, widescreen some empty space may be left on the right of the screen when using a maximised form as above
2. The code has been extensively tested on a wide range of monitors and form factors such as 22 inch widescreen, 14 inch 16:9, 15 inch 4:3 and a 10 inch 16:9 tablet

So what code is needed to work this magic? Just **one line** in the **Form_Load** event – **ResizeForm Me**

```

Form
Private Sub Form_Load()
    DoCmd.Maximize
    'auto resize form
    ReSizeForm Me
    'minimize nav pane
    MinimizeNavigationPane
    'minimize ribbon
    If IsRibbonMinimized = False Then ToggleRibbonState
    EnableControls True, "A", "B", "C", "D"
    ShowControls True, "A", "B", "C", "D"
    LockControls False, "A", "B", "C", "D"
End Sub
    
```

OK, I hear you say, surely that can't be all there is to it! Well not quite

Behind the scenes there is a lengthy module **modResizeForm** which contains all the code required to adjust the forms as required. This is included with the attached example application and has been updated to work in both 32-bit and 64-bit Access

First import the module to your own application.

Then add the above line in the **Form_Load** event, the form will be resized.

However, initially the results will not be successful as the forms were not designed with resizing in mind

It is STRONGLY recommended that you start with new forms and plan for resizing from the start

Designing with the form resizer

As a general rule, you always need to develop using the lowest resolution that your users are likely to have. Form resizing upwards (stretching) is much easier and has far fewer issues than resizing downwards (shrinking).

The declarations section of the **modResizeForm** module includes the following lines:

```
-----MODULE CONSTANTS & VARIABLES-----  
Private Const DESIGN_HORZRES As Long = 800 '<- CHANGE THE VALUE ABOVE TO THE RESOLUTION YOU DESIGNED YOUR FORM IN.  
      '[e.g. 800 X 600 -> 800]  
  
'Colin Riddington 16/02/2019 - ' the next item is currently not in use and can be disabled  
Private Const DESIGN_VERTRES As Long = 600 '<- CHANGE THIS VALUE TO THE RESOLUTION YOU DESIGNED YOUR FORMS IN.  
      '[e.g. 800 X 600 -> 600]  
  
Private Const DESIGN_PIXELS As Long = 96 '<- CHANGE THE VALUE ABOVE TO THE DPI SETTING YOU DESIGNED YOUR FORM IN.  
      '[If in doubt do not alter the lngDesignPixels setting.]
```

The first line is the default or baseline horizontal resolution – in this case 800
You can adjust this to any other suitable minimum value such as 1024 if you prefer

The next line is the baseline vertical resolution – 600
This can also be amended to suit, but in the current version of the code this is NOT used & can be disabled

The third line is the **pixels per inch** setting which is normally 96 for 100%
NOTE: if the screen is magnified to e.g. 125% this value becomes 120 dpi

Setting the default form size

The code currently specifies a 'base resolution' of **800*600** though that can be changed to any resolution that suits your needs. However, I certainly don't develop in that resolution. My primary monitor is in fact **1680*1050**.

This actually means that my base form size in design view is such that if I did use **800*600**, it would fill the screen. By experiment, I found that size should be **20.5cm*12.5cm** approximately

Hence my forms are designed in that size & will scale up to 'fill the screen' in any other higher resolution
More accurately it will fill the total height of the screen.

Due to different form factors (**4:3, 5:4, 16:9, 16:10 etc**) the form may be slightly less than the total monitor width. Whilst I could stretch it to fit horizontally, there would be some distortion by doing so
Alternatively, you could increase the default width of your forms in design view

I also design with default font = **Calibri 7pt** which after resizing becomes **Calibri 11pt**

I could change the base resolution to say **1024*768** and if I did so, the base form size would be proportionately larger (**25.85*17.2 cm approx**) & **font size 9pt**. However, it would scale up from that equally well.

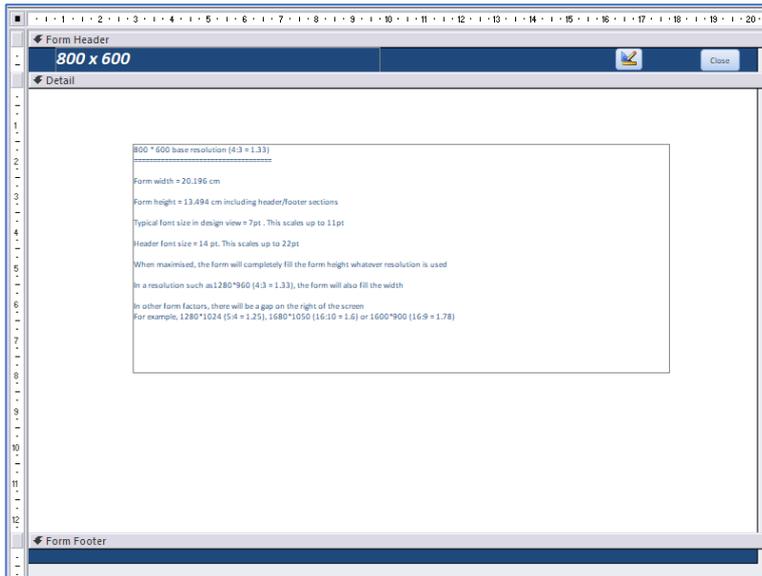
You may wish to adjust the default width if, for example, all users have monitors with widescreen form factor.

You may also need to adapt the specified sizes slightly if you normally do any of the following:

- Set ribbon and / or navigation pane maximised
- Design forms with no header / footer section
- Use tabbed documents instead of overlapping windows
- Use popup forms

The attached application includes two example template forms (**800x600 & 1024x768**) which may be useful to set maximum form sizes to ensure they fit properly in different screen resolutions.

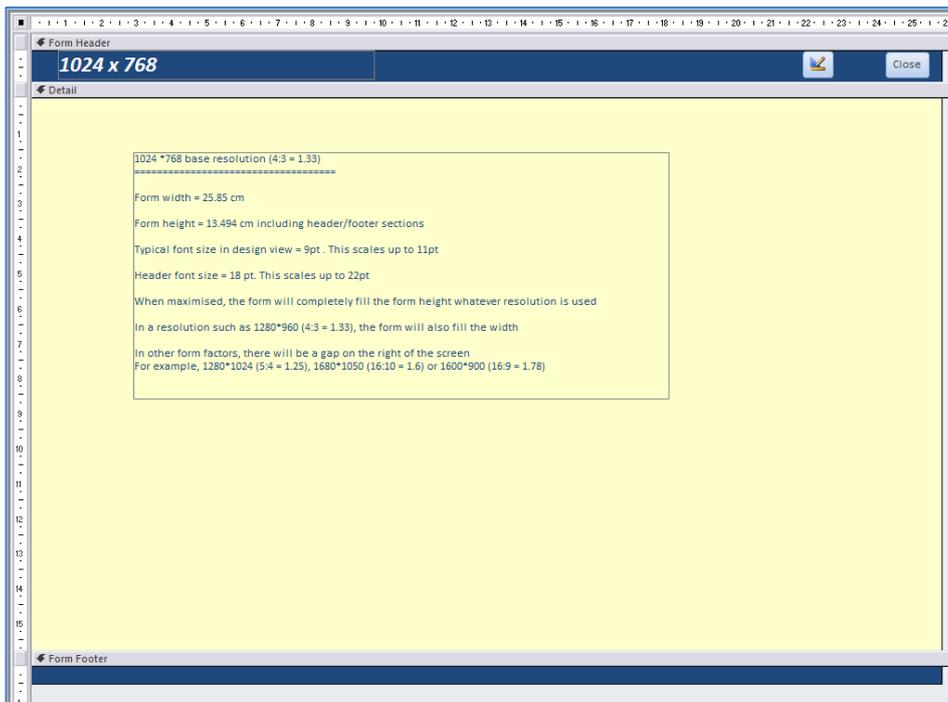
800*600 template



NOTE:

The text on the two template forms has been designed to be viewed after resizing when it will be perfectly legible!

1024*768 template



TIP:

It is useful to place a transparent box control over each section of the form to mark out the correct size required. The box should be equal to the width and height of that section.

This will be useful if you need to restore the original size after making any temporary changes in form layout / size

Using the example applications

The attached application **ResizeFormExample_v2.6.acldb** has been designed to show how the code works.

Earlier versions of the resizing code had issues when using **tabbed documents**.

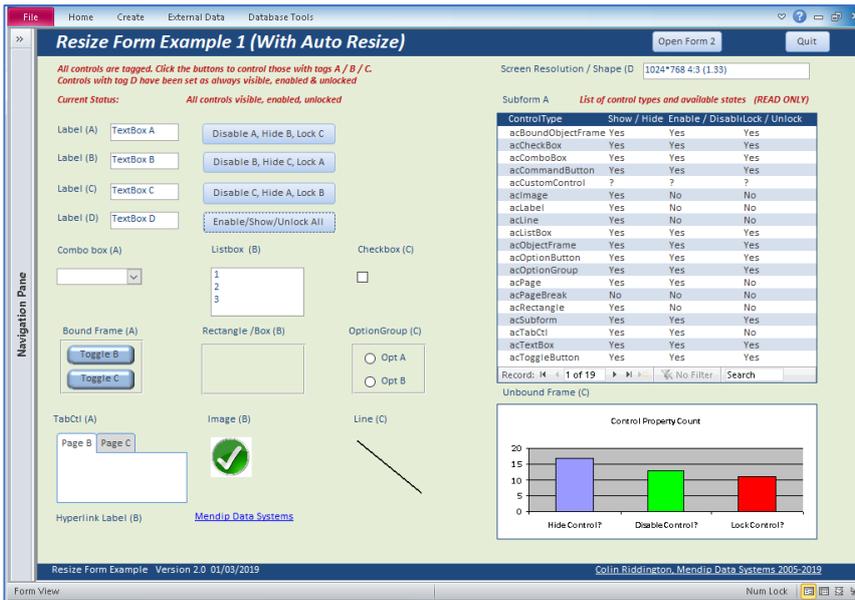
That issue has been solved in this **latest version (2.6)**. See the [Issues and Solutions](#) section for details

The **latest version** works equally well with **overlapping windows** or **tabbed documents** display options.

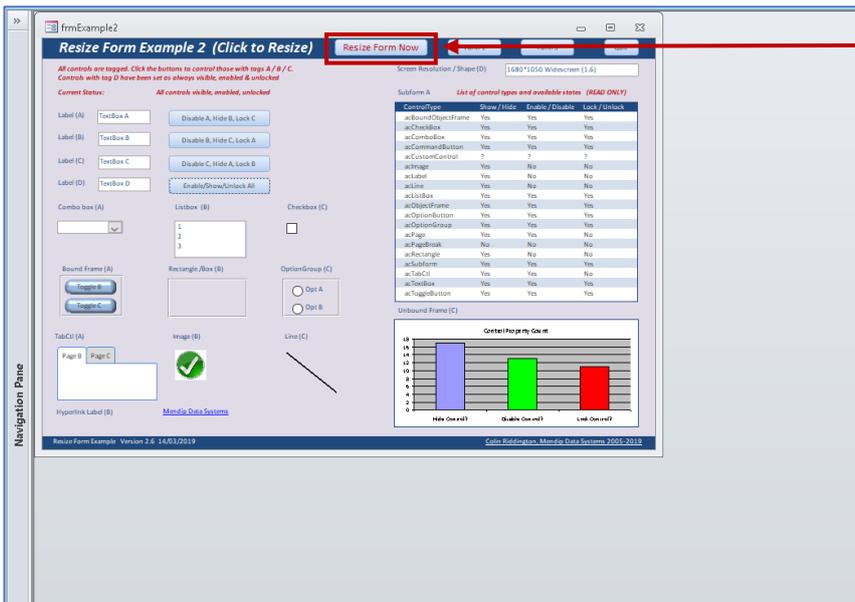
It contains **THREE** almost identical versions of the main form.

Each form also includes a subform and a wide variety of other controls to show how each is affected by resizing

- **frmExample1** – automatically resized on form load



- **frmExample2** – not resized on form load BUT can be resized by clicking a button in the form header



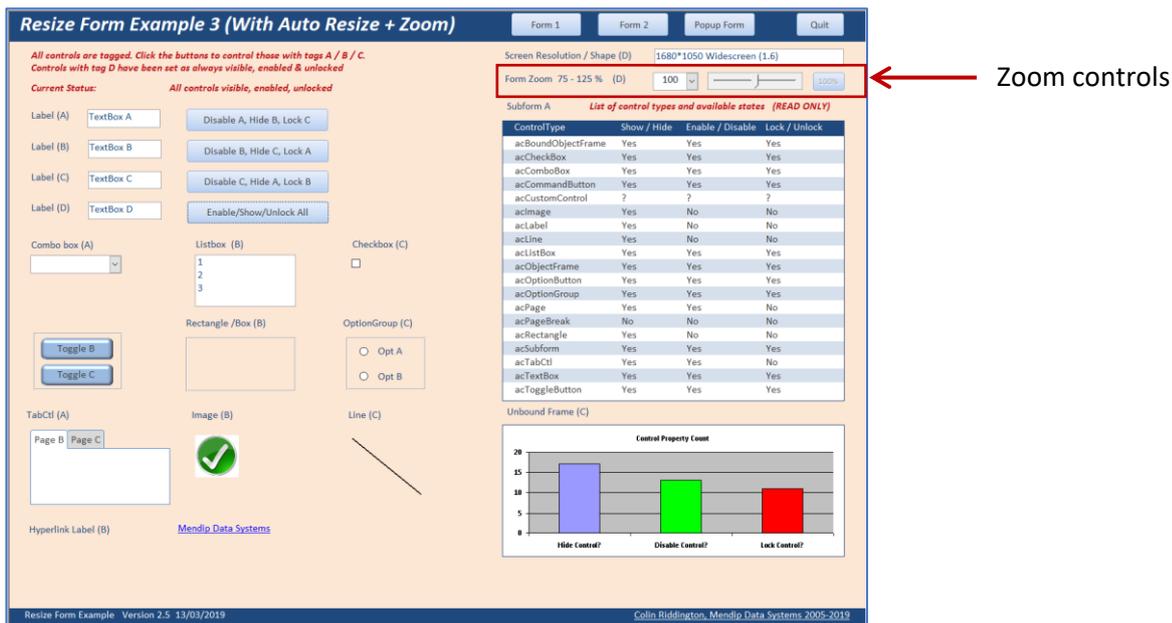
Click to resize

The resize button is automatically disabled once it has been clicked. This is to prevent the resizing code being applied again.

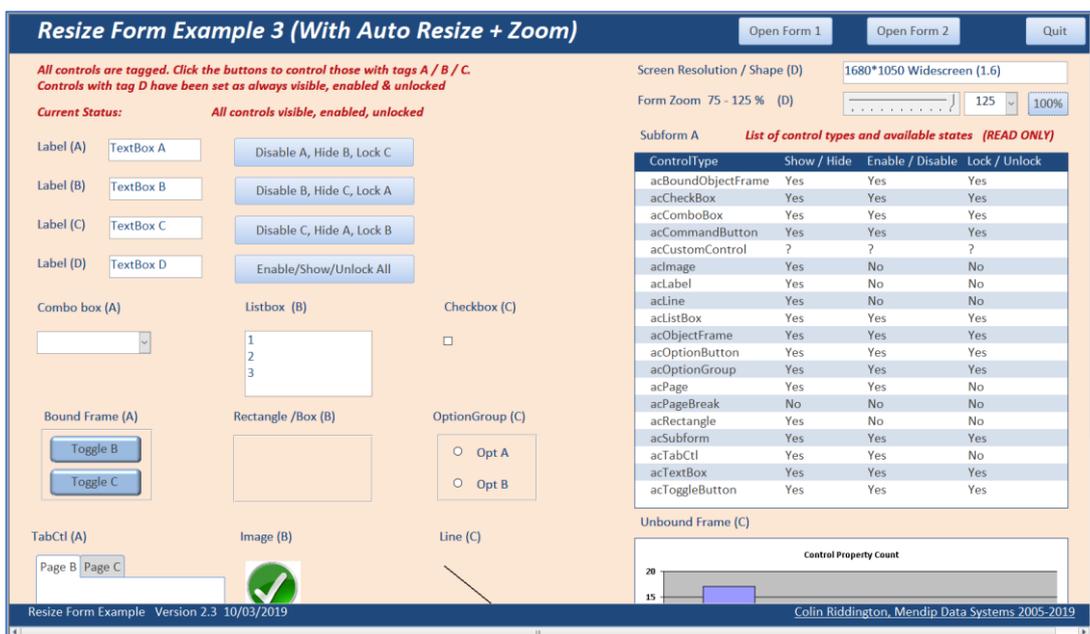
- **frmExample3** – same as form **frmExample1** but with an additional **zoom** feature

Unlike **Word** and **Excel**, there is no built-in **zoom control** available in **Access**.
 For those with less than perfect eyesight this can be an issue.

However, a modified version of the resizing code can also be used to allow users to **zoom forms in/out**
 It allows further adjustment of the form from **75% to 125%** of the **default size** for your screen & resolution



Use the combo or slider control to adjust the scale in 5% intervals according to personal preference.
 The form dimensions and all controls **SHOULD** be adjusted accordingly
 For example, with zoom = 125%

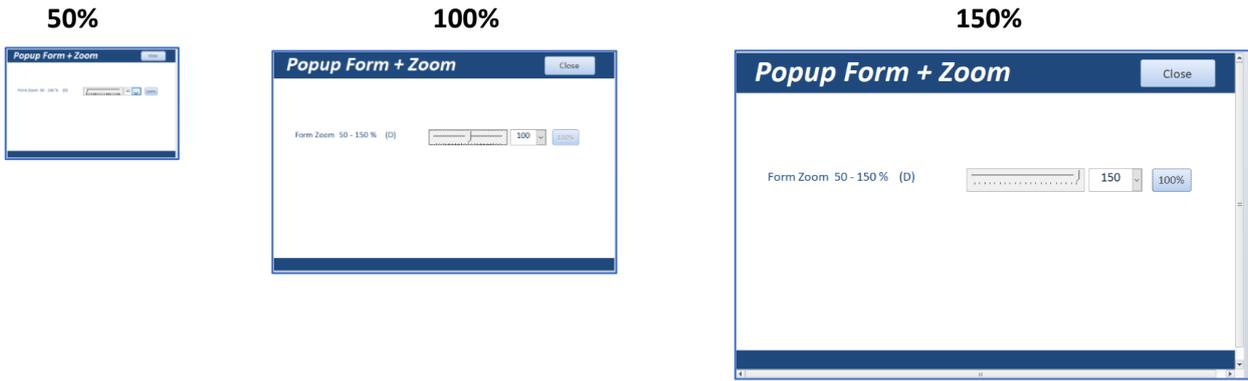


The zoom can be reset to normal by clicking the **100%** button

NOTE:

1. Increasing the zoom may cause part of the form to move 'off screen' as in the screenshot above. Scrollbars appear automatically when this happens
2. The slider is an **ActiveX** control. This will be hidden and 'inactive' if you have disabled ActiveX controls in **Access Options Trust Center**

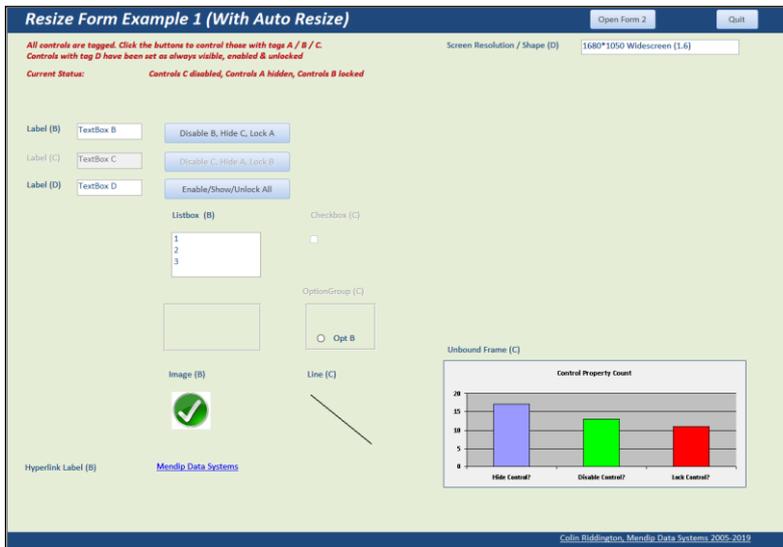
A very simple **popup form** is also available which includes a **zoom feature** with a range **50 – 150%**



Once again, click the 100% button to reset the form to its default size and scale

NOTE: The main form used in this example was originally designed to demonstrate the use of the **Tag** property to make **groups of controls visible/hidden, enabled/disabled, locked/unlocked.**

In this screenshot, controls with tag A have been hidden, tag B controls locked and tag C controls disabled.



All the code used in that feature is contained in the module **modControlState**
 For more details, see <http://www.mendipdatasystems.co.uk/set-controls/4594398114>

NOTE: Not all controls can be hidden / disabled / locked.
 The subform summarises the properties available for each control type

Subform A *List of control types and available states (READ ONLY)*

ControlType	Show / Hide	Enable / Disable	Lock / Unlock
acBoundObjectFrame	Yes	Yes	Yes
acCheckBox	Yes	Yes	Yes
acComboBox	Yes	Yes	Yes
acCommandButton	Yes	Yes	Yes
acCustomControl	?	?	?
acImage	Yes	No	No
acLabel	Yes	No	No
acLine	Yes	No	No
acListBox	Yes	Yes	Yes
acObjectFrame	Yes	Yes	Yes
acOptionButton	Yes	Yes	Yes
acOptionGroup	Yes	Yes	Yes
acPage	Yes	Yes	No
acPageBreak	No	No	No
acRectangle	Yes	No	No
acSubform	Yes	Yes	Yes
acTabCtl	Yes	Yes	No
acTextBox	Yes	Yes	Yes
acToggleButton	Yes	Yes	Yes

Record: 1 of 19 | No Filter | Search

How Does the Code Work?

The **GetFactor** function calculates the multiplying factor based on screen size & resolution:

```
Public Function GetFactor() As Single

Dim sngFactorP As Single

On Error Resume Next

If NewRes.DPI <> 0 Then
sngFactorP = DESIGN_PIXELS / NewRes.DPI
Else
sngFactorP = 1 'error with dpi reported so assume 96 dpi
End If
'-----
'modification by Jeff Blumsom 18/1/07
Select Case FormFactor
Case "4:3"
GetFactor = (NewRes.Width / DESIGN_HORZRES) * sngFactorP
Case "5:4"
GetFactor = (NewRes.Width / DESIGN_HORZRES) * sngFactorP
Case "Widescreen"
GetFactor = ((4 / 3) * NewRes.Height / DESIGN_HORZRES) * sngFactorP
End Select
'-----

'Debug.Print sngFactorP; GetFactor, FormFactor

End Function
```

The **Resize** procedure then uses that information to adjust the height and width of the form together with the size and position of each control on the form

```
Private Sub Resize(sngFactor As Single, frm As Access.Form)

Dim ctl As Access.Control
On Error Resume Next
'Resize height for each section:
With frm
.Width = .Width * sngFactor
.Section(Access.acHeader).Height = .Section(Access.acHeader).Height * sngFactor
.Section(Access.acDetail).Height = .Section(Access.acDetail).Height * sngFactor
.Section(Access.acFooter).Height = .Section(Access.acFooter).Height * sngFactor
End With
'Resize and locate each control:
For Each ctl In frm.Controls
If [ctl.ControlType <> Access.acPage] Then 'ignore pages in TAB controls
With ctl
.Height = .Height * sngFactor
.Left = .Left * sngFactor
.Top = .Top * sngFactor
.Width = .Width * sngFactor

'next line moved back to individual control properties below
.FontSize = .FontSize * sngFactor
'Enhancement by Myke Myers ----->
'Fix certain combo box, list box and tab control properties:
Select Case .ControlType
Case acLabel, acCommandButton, acTextBox, acToggleButton
.FontSize = .FontSize * sngFactor
Case acListBox
.FontSize = .FontSize * sngFactor
.ColumnWidths = AdjustColumnWidths(.ColumnWidths, sngFactor)
Case acComboBox
.FontSize = .FontSize * sngFactor
.ColumnWidths = AdjustColumnWidths(.ColumnWidths, sngFactor)
.ListWidth = .ListWidth * sngFactor
Case acTabCtl
.FontSize = .FontSize * sngFactor
.TabFixedWidth = .TabFixedWidth * sngFactor
.TabFixedHeight = .TabFixedHeight * sngFactor
Case Else 'no other code here
.acRectangle, acCheckBox, acImage, acLine, acPageBreak, acSubform
.acOptionButton, acOptionGroup, acObjectFrame, acBoundObjectFrame
End Select
'-----> End enhancement by Myke Myers
End With
End If
Next ctl
End Sub
```

Certain controls receive 'special treatment' – **list boxes, combo boxes and tab controls**

Tab control pages are excluded as are the **contents of subforms** (the subform **container** is resized automatically)

As previously stated, the code line **ResizeForm Me** needs to be added to each form being resized.

This code line means the **ResizeForm** procedure is applied to the loaded form (**Me**)

To scale up the **subform control positions / sizes**, add the line **ResizeForm Me** to the **Form_Load** event of the **subform**. Alternatively, add a line like **ReSizeForm subFormName.Form** to the **Form_Load** event of the **main form**

NOTE: DO NOT DO BOTH METHODS or the subform will be scaled up twice!!

The main **ResizeForm** code first checks whether resizing is required then uses the **Resize** procedure above

```
Public Sub ReSizeForm(frm As Access.Form)

Dim rectWindow As tRect, sngFactor As Single
Dim lngWidth As Long, lngHeight As Long

On Error Resume Next
GetScreenResolution
sngFactor = GetFactor 'local function
If NewRes.Width <> DESIGN_HORIZRES Then 'no resize necessary
    Resize sngFactor, frm 'local procedure

'modification by Jeff Blumsom 18/1/07
'the following code controls the positioning of pop-up forms
'but only if the form tag is null. This allows more control where it causes a problem
If WM_apIsZoomed(frm.hwnd) = 0 Then 'Don't change window settings for max'd form.
    Access.DoCmd.RunCommand acCmdAppMaximize 'Max Access Window
    Call WM_apiGetWindowRect(frm.hwnd, rectWindow)
    With rectWindow
        lngWidth = .right - .left
        lngHeight = .bottom - .top
    End With
    If Nz(frm.Tag, 1) <> 1 Then
        Call WM_apiMoveWindow(frm.hwnd, ((NewRes.Width - _
            (sngFactor * lngWidth)) / 2) - getLeftOffset, _
            ((NewRes.Height - (sngFactor * lngHeight)) / 2) - getTopOffset, _
            lngWidth * sngFactor, lngHeight * sngFactor, 1)
    End If
End If
End Sub

-----
'Modification by Colin Riddington 13/03/2019
'UseMDIMode property =1 (overlapping windows) or = 0 (tabbed documents)
'next section fixes display issue for users of tabbed documents (MDIMode=0)
If CurrentDb.Properties("UseMDIMode") = 0 Then
    MaximizeNavigationPane
    DoEvents
    MinimizeNavigationPane
End If
-----

End Sub
```

Following that two adjustments may be made to fix positioning issues:

- a) For **popup forms** an adjustment is made to the code depending on its Tag value.
- b) Where the display option is set to tabbed documents, the navigation pane is first maximised and then minimised again.

Both adjustments are explained in the [Issues and Solutions](#) section later in the article

HINT:

If you have a **form** that is sometimes used as a **subform**, you can conditionally apply resizing code when used as a standalone form. Place the following code in the **subform** itself

```
Private Function IsSubform() As Boolean
Dim bHasParent As Boolean

On Error GoTo NotASubform

'If opened not as a subform, accessing
'the Parent property raises an error:
bHasParent = Not (Me.Parent Is Nothing)

IsSubform = True
Exit Function

NotASubform:
IsSubform = False
End Function

Private Sub Form_Close()
UnReSizeForm Me
End Sub

Private Sub Form_Load()

If Not IsSubform Then
    ReSizeForm Me
    Me.NavigationButtons = True
End If
End Sub
```

The **UnResizeForm** procedure is used to fix issues if forms become 'over-enlarged'. See [Issues and Solutions](#)
 This reverses the form resizing code and effectively 'shrinks' the form again.

```
Public Sub UnReSizeForm(frm As Access.Form)

Dim rectWindow As tRect
Dim lngWidth As Long
Dim lngHeight As Long
Dim sngFactor As Single

On Error Resume Next

GetScreenResolution
sngFactor = 1 / GetFactor 'local function
If NewRes.Width <> DESIGN_HORIZRES Then 'no resize necessary
  Resize sngFactor, frm 'local procedure
  If WM_apisZoomed(frm.hwnd) = 0 Then 'Don't change window settings for max'd form.
    Access.DoCmd.RunCommand acCmdAppMaximize 'Max Access Window
    Call WM_apiGetWindowRect(frm.hwnd, rectWindow)
    With rectWindow
      lngWidth = .right - .left
      lngHeight = .bottom - .top
    End With
    Call WM_apiMoveWindow(frm.hwnd, ((NewRes.Width - _
(sngFactor * lngWidth)) / 2) - getLeftOffset, _
((NewRes.Height - (sngFactor * lngHeight)) / 2) - getTopOffset, _
lngWidth * sngFactor, lngHeight * sngFactor, 1)
  End If
End If

End Sub
```

Very occasionally, you may experience a form that does not automatically revert to its correct size on closing.
 In such cases, try adding the line **UnresizeForm Me** in the **Form_Close** event.
 I also do this where **conditional resizing code** is applied to **subforms** (as above)

The new **ZoomForm** procedure is a modified version of the original **ResizeForm** code.

```
'-----
' Procedure : ZoomForm
' DateTime : 10/03/2019
' Author : Colin Riddington
' Purpose : Zoom form in/out by a specified multiplier sngZoom
' Routine should be called after the form has been resized e.g. using a combo or slider control
'-----
Public Sub ZoomForm(frm As Access.Form, sngZoom As Single)

Dim rectWindow As tRect
Dim lngWidth As Long
Dim lngHeight As Long
Dim sngFactor As Single

On Error Resume Next
GetScreenResolution
sngFactor = GetFactor 'local function
If NewRes.Width <> DESIGN_HORIZRES Then 'no resize necessary
  Resize sngFactor * sngZoom, frm 'local procedure

'-----
'modification by Jeff Blumsom 18/1/07
'the following code controls the positioning of pop-up forms
'but only if the form tag is null. This allows more control where it causes a problem
  If WM_apisZoomed(frm.hwnd) = 0 Then 'Don't change window settings for max'd form.
    Access.DoCmd.RunCommand acCmdAppMaximize 'Max Access Window
    Call WM_apiGetWindowRect(frm.hwnd, rectWindow)
    With rectWindow
      lngWidth = .right - .left
      lngHeight = .bottom - .top
    End With
    If Nz(frm.Tag, 1) <> 1 Then
      Call WM_apiMoveWindow(frm.hwnd, ((NewRes.Width - _
(sngFactor * lngWidth)) / 2) - getLeftOffset, _
((NewRes.Height - (sngFactor * lngHeight)) / 2) - getTopOffset, _
lngWidth * sngFactor * sngZoom, lngHeight * sngFactor * sngZoom, 1)
    End If
  End If
'-----

End Sub
```

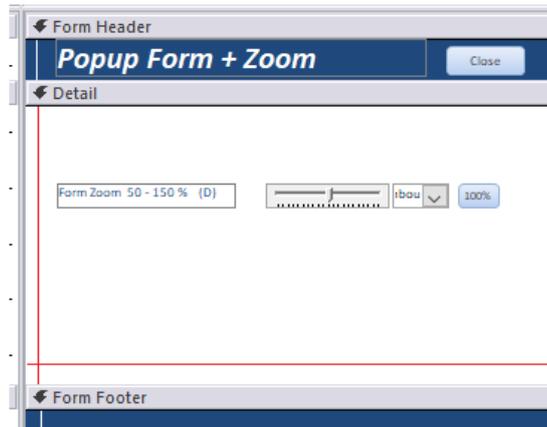
Additional code is used in the form being zoomed.

First of all the form is 'unresized' then **resized** by an **additional amount** based on the **sngZoom** multiplier

Adjustments are made to the **form width** and **section heights** to ensure it remains in proportion.

This is done by comparing with the sizes of four hidden lines placed on each section of the form.

```
Private Sub UpdateFormZoom()  
  
    Application.Echo False  
  
    UnReSizeForm Me  
  
    sngZoom = (Me.cboZoom / 100)  
  
    'Debug.Print sngOldZoom, sngZoom  
  
    ZoomForm Me, sngZoom / sngOldZoom  
  
    'reset form section dimensions  
    Me.Width = Me.LineFW.Width  
    Me.FormHeader.Height = Me.LineHH.Height  
    Me.Detail.Height = Me.LineDH.Height  
    Me.FormFooter.Height = Me.LineFH.Height  
  
    Select Case Me.cboZoom  
  
        Case Is > 100  
            Me.ScrollBars = 3  
        Case 100  
            Me.ScrollBars = 0  
        Case Else  
            Me.ScrollBars = 0  
        End Select  
  
    Application.Echo True  
  
    'store zoom value for future reference  
    sngOldZoom = Me.cboZoom / 100  
  
End Sub
```



Several other procedures are also included in **modResizeForm**:

- GetScreenResolution / GetResolution / GetHorizontalResolution / GetVerticalResolution / GetScreenShape**
- GetTopOffset / GetLeftOffset** - used to centre forms on screen
- AdjustColumnWidths** - used in **Resize** procedure to adjust combo boxes & list boxes during resizing
- GetOrigWindow** - used to note the original form dimensions before resizing
- RestoreWindow** - can be used in the **Form_Close** event to restore the original form dimensions

Issues and Solutions

The resizing code is most successful with **maximised forms**.

If using **non-maximised forms**, you should check the effect of resizing at different resolutions.

If necessary, adapt the form size/shape for best results.

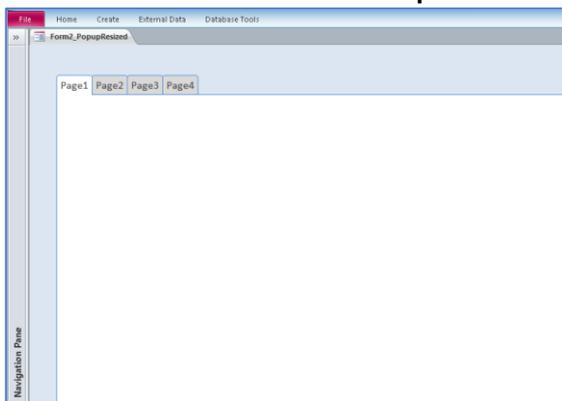
NOTE: Built in **Access forms** like message boxes, input boxes and error messages **are NOT resized**.

Popup forms appear on top of the application window and therefore may not fit fully on the screen if resized. It may be necessary to exclude certain popup forms from being resized.

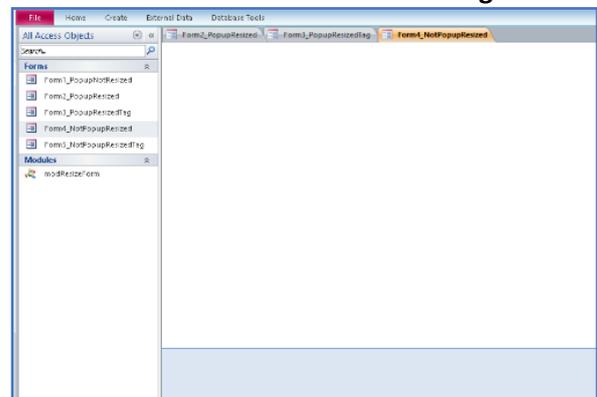
The **original version** of this code by **Jamie Czernik** from 2003 did not always work properly with the **tabbed documents** display option which was first introduced with Access 2007.

For example, certain controls such as **subforms** and **tab controls** were shifted off screen causing the whole form to be **shifted both horizontally and vertically**. For example, using a tab control:

Tab control in the correct position



Tab control shifted down & to the right



NOTE: the display issue shown above

- MAY not occur** with **popup forms** containing **tab controls**
- does **NOT occur** when using **overlapping windows**

Using both scrollbars, the form can be correctly 'realigned'.

Similarly, if the navigation pane and / or ribbon is maximised then minimised again.

However even if the form was saved after doing so, it would again be shifted the next time it is opened

The original partly successful solution was to apply a **tag value = 1 to the form**.

Doing so triggered 'exemption code' in the **ResizeForm** procedure to be implemented.

However, the **latest version** (v2.5 onwards) of the resizing code supplied with this article **works equally well with both overlapping windows and tabbed documents**.

The code detects the **display option** by checking the **UseMDIMode** property.

The **UseMDIMode** property is 1 for **overlapping windows** or 0 for **tabbed documents**

After resizing, the code fix maximizes then minimizes the navigation pane if tabbed documents are in use

```
'.....  
'Modification by Colin Riddington 13/03/2019  
  
'UseMDIMode property =1 (overlapping windows) or = 0 (tabbed documents)  
'next section fixes display issue for users of tabbed documents (MDIMode=0)  
If CurrentDb.Properties("UseMDIMode") = 0 Then  
    MaximizeNavigationPane  
    DoEvents  
    MinimizeNavigationPane  
End If  
'.....
```

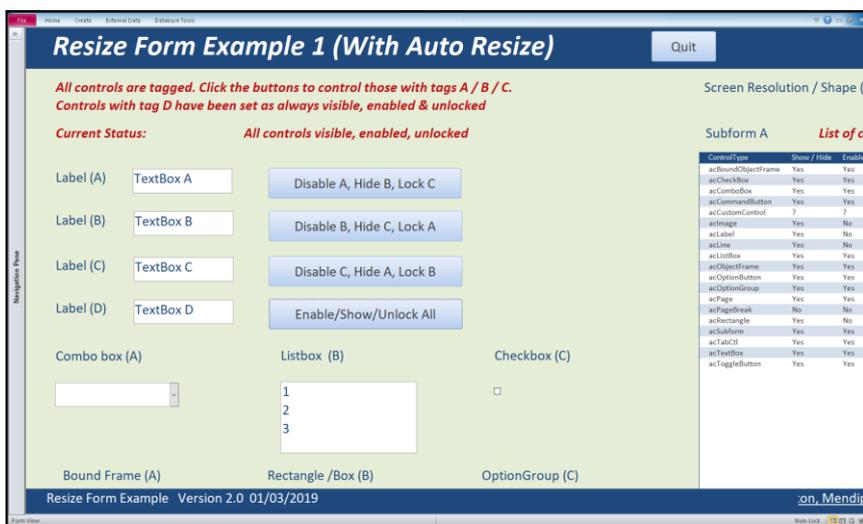
Doing this is sufficient to **reset the form positioning** correctly.
It has been tested successfully with **document tabs** both **visible / hidden**.
No fix is required for overlapping windows

Nevertheless, it is **STRONGLY** recommended that forms are both designed and displayed using the same display option to help prevent any similar issues in your own applications.

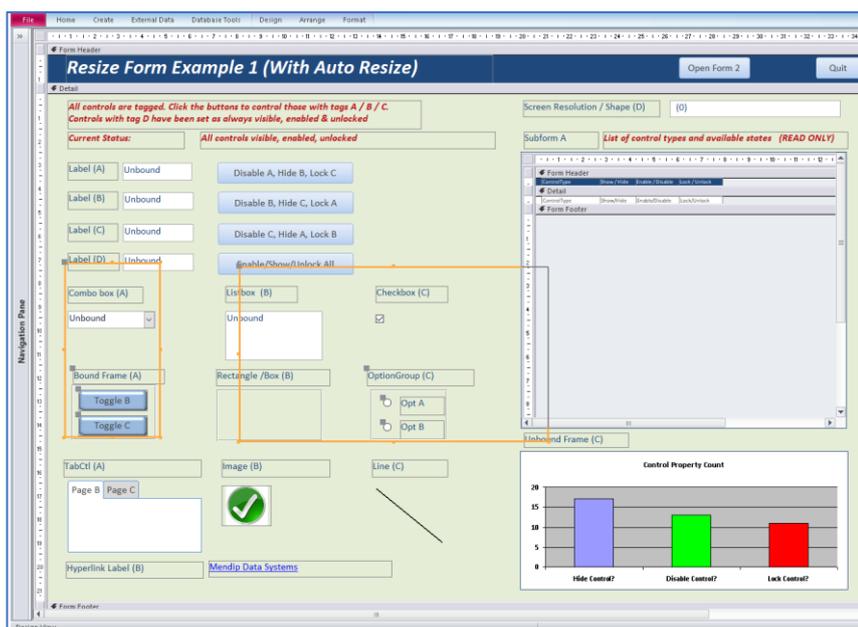
Datasheets can NOT be resized. Recommend instead using a **continuous form** to emulate a datasheet

Button captions may not quite fit when forms are resized for small screens such as a **tablet**
To prevent this issue, ensure the **button width** is slightly greater than the length of the caption.

Option groups can occasionally become **'over enlarged'** switching between **form view & design view** during the development process. This can cause the entire form to expand far more than required



The cause of the problem can easily be seen in **design view**.
The **option group 'frames'** (shown in orange) have become over enlarged.
This causes the whole form to scale up more than necessary



Luckily this is a rare event if the form is well designed.

However, it can be an issue if the **option group** is near the **bottom or right edge** of the form.
To prevent this issue, **place option groups as far left and near to top of the form section** as possible.

The following quote is taken from the help file supplied with the original code by Jamie Czernik:
Tab controls and options groups are difficult to resize as Access tries to keep the child controls within the frame while the child controls are being moved and resized. This can lead to distortion if the controls are too close to either the top/bottom or left/right of the form being resized.

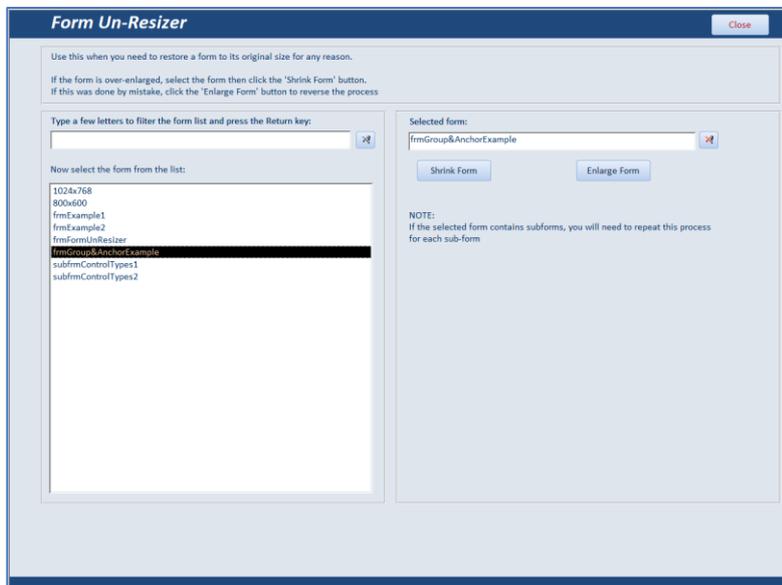
If your forms tend to be scaled up to higher resolutions then try to keep tab controls and option groups as far left and near to top of the form section as possible. The reverse is true if forms tend to be scaled down to lower resolutions so in this situation try to keep them as far right and near to the bottom as possible.

If a form does become 'over enlarged' it can be fixed using one of these methods:

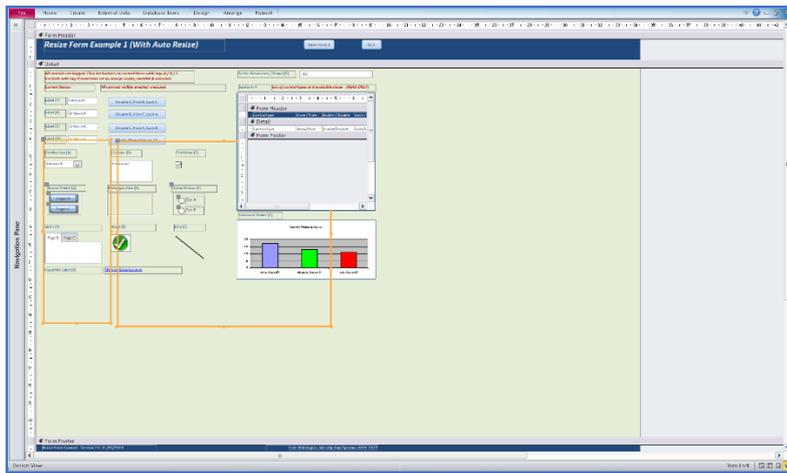
- a) Open the **FixFormSize** procedure and enter the form name where indicated
Run the procedure whilst the form is open in **design view**

```
Sub FixFormSize()  
  
'Colin Riddington 13/06/2014  
  
On Error GoTo Err_Handler  
'Make sure the form you need to un-resize is open in DESIGN VIEW before running this process  
Dim frm As Access.Form  
Set frm = Forms!frmPostalAddresses 'modify name as appropriate  
UnReSizeForm frm  
ReSizeForm frm  
  
Exit_Handler:  
Exit Sub  
  
Err_Handler:  
MsgBox "Error " & Err.Number & " " & Err.description & " in FixFormSize procedure.", vbExclamation, "Program error"  
Resume Exit_Handler  
  
End Sub
```

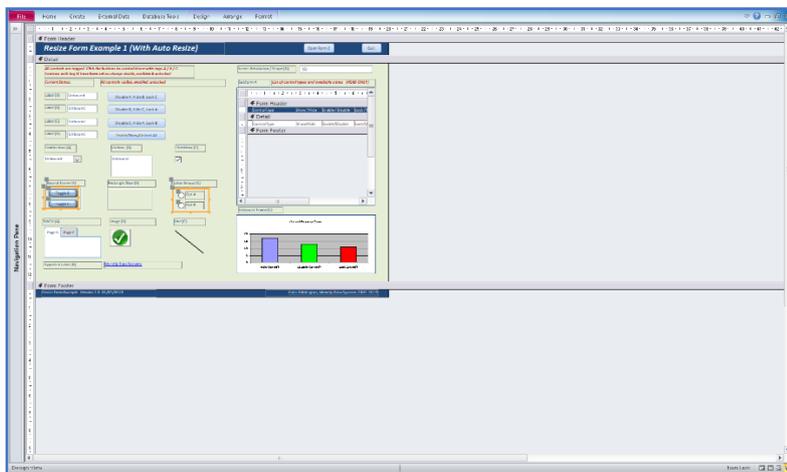
- b) Use the form **frmFormUnresizer**. Select the over enlarged form from the **list** then click **Shrink Form**



In each case the form will be scaled down and controls shifted back into position.



However, you will still need to **restore the original size** of the **option group controls** that were over enlarged then **reduce the height and width** of the form yourself.



Finally **save** and **close** the form

NOTE: If necessary, the process can be reversed by clicking the **Enlarge Form** button

Using form resizing with your own applications

You will need to import the module **frmResizeForm** and (optionally) the form **frmFormUnresizer**.

Then follow the instructions as above adding the line **ResizeForm Me** to the **Form_Load** event of all forms / subforms you wish to resize.

Related items:

- The original **auto form resize** utility by **Jamie Czernik** – **afr.zip** (MDB zipped)
- The example app referenced in this article - **ResizeFormExample_v2.6.zip** (ACCDB file zipped)
- This PDF document – **ResizeForm Me_v2.6.pdf**
- The **latest version** of this document is available online at:
<http://www.mendipdatasystems.co.uk/automatic-form-resizing-1/4594554784>

If you have any comments or questions, please contact me using the website feedback form or by email (see contact page on website)