1. What is <u>ActiveResizer?</u>

The ActiveResizer is a VB 32bit ActiveX DLL/OCX that automatically adjust the size of VB controls and fonts on a form.   As a user stretches or shrinks the form, the controls on the VB form will also stretch or shrink, accordingly.

The main advantage of using the ActiveResizer is that the VB programmer does not have to worry about adjusting the size of VB forms to fit the screens with different resolutions.   Also, the deployment of the release software will be much easier since a program does not have to deploy multiple programs to run on the multiple platforms with different screen resolution.

Also, the ActiveResizer has a great advantage over the similar controls that use the VB frames to adjust the size of controls on the form.

If you use a frame control to automatically adjust the size of controls on the form, the problem arises when you add new controls or adjust the form size during the GUI design phase.   That is, when you stretch or shrink the form during the design time, all the controls on the form will be stretched or shrank accordance with the new size of the form.

Therefore, every time when you adjust the form size, you need to re-adjust the size of controls on the form, also.   This is very time consuming and annoying process especially if there are many different controls on the same form.

By using these ActiveResizer DLL and OCX, you can eliminate all the problems associated with 'frame' controls like VSOCX or VSVBX from Video Soft.

2. Usage

The ActiveResizer DLL and OCX can be used with VB or other languages that support ActiveX DLL or OCX.   Drop any VB controls on the form during the design time and watch them stretch and shrink as you resize the form.

3. Installation

A. Manual ActiveResizer DLL Installation

a. Copy the file called 'ActiveResizerDLL.dll' from installation diskette into the working directory or windows/system directory.
b. Start up the VB4.0(32bit) or VB5.0, if you haven't.
c. Select the main menu Project|References

d. Click on the 'Browse' button and find the 'ActiveResizerDLL.dll' in the working directory where you have copied into, previously.

B. *Manual ActiveResizer OCX Installation to Working Dir*
a. Copy the file called 'ActiveResizerOCX.ocx' from installation diskette into the working directory or windows/system directory.
b. Start up the VB4.0(32bit) or VB5.0, if you haven't.
c. Select the main menu Project|Components
d. Click on the 'Browse' button and find the 'ActiveResizerOCX.ocx' in the working directory or windows/system directory.

4.   Visual Basic Example Code
A.   *ActiveResizer DLL Code Example*

```
<In Declarations section>
Dim myDLL As AutoControl            ← declare myDLL as a DLL class
                                    ← 'AutoContol' is the DLL class name
<In Form_Load subroutine>
Private Sub Form_Load()
   Set myDLL = New AutoControls    ← object instantiation
   Let myDLL.parentForm = Me       ← pass the parent form handle
   Let myDLL.setBound = True        ← set to either true or false
End Sub


<In Form_Resize subroutine>
Private Sub Form_Resize()
   myDLL.AutoSize                   ←call DLL function
End Sub


Private Sub sstab1_click()
   myDLL.AutoSize                   ←if SSTAB is used
End Sub
```

B.   *ActiveResizer OCX Code Example*

```
<In Form_Load subroutine>
Private Sub Form_Load()
 Set myOCX.parentForm = Me          ←myOCX is OCX property name
End Sub                             ←pass the parent form handle
```

<In Form_Resize subroutine>
Private Sub Form_Resize()
   myOCX.AutoSize   ←*call OCX member method*
End Sub

Private Sub sstab1_click()
   myDLL.AutoSize   ←*if SSTAB is used*
End Sub

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If you'd like to order source code or site license, please contact me @ (785)273-5720 (evenings) or send me an e-mail.