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ActiveFormResizer Control Programmer's Manual

Version 2.1(Build 15)

Introduction

We have developed ActiveFormResizer OCX for VB4, VB5 and VB6 applications. This version is not suitable for Visual C/C++ and Web applications.

During design time, ActiveFormResizer specifies how controls reposition and resize as the form resizes. At runtime, as the form resizes, minimizes, maximizes or restores, ActiveFormResizer manages each control's position and size automatically.

Major Features

Most similar products resize all controls proportionally as the form resizes. The drawbacks are many, for example, text font and push button become smaller or larger. Apart from these drawbacks, it is the simplest way to resize a form without any programming! This is also called stretch mode in ActiveFormResizer.

To overcome the problems of stretch mode, ActiveFormResizer layout manager specifies anchor mode operation. ActiveFormResizer specifies each control's relative position to the borders of the container object such as a Sheridan Tab control or a form. A control can be set to anchored to the left, top, bottom and right of the container. During runtime, when the form is resized, these controls are resized or re-positioned, but maintaining the same relative position.

Installation

1. Unzip resize.zip to a temporary directory. From this directory, copy resize.ocx to C:\Windows\system (or your system directory).
2. Run MS-DOS Prompt from Start | Programs menu. Change current directory to C:\Windows\system(or the system directory of your PC), then type:
regsvr32 resize.ocx

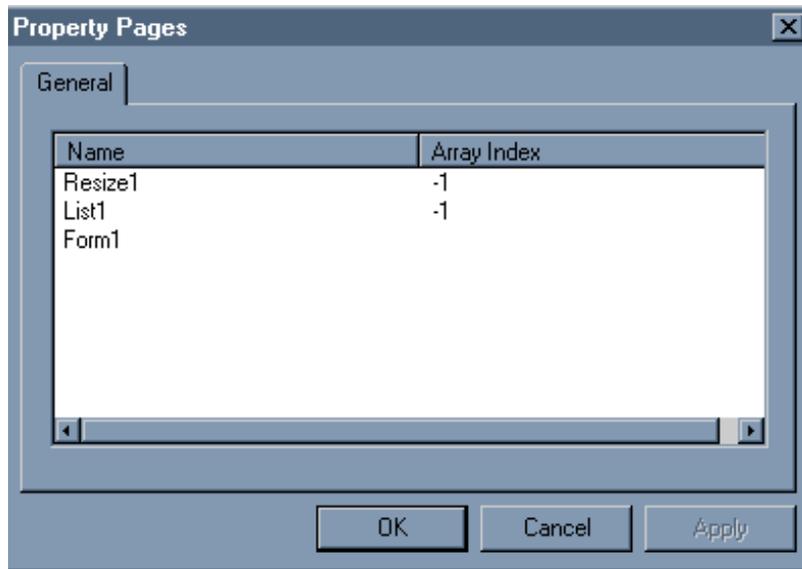
How to Use

This is a VB5 example. VB4/6 examples are similar.

1. Add a new Form into your VB project, named as Form1.
2. Select menu Projects | Components, select the check box for ActiveFormResizer Control in the Components dialog box and select  the OK button. A ActiveFormResizer control is added into your Control panel.
3. Add a ActiveFormResizer control into the form, named Resize1 by default.
4. Add a listbox control into Form1, named as List1.

- Right click on Resize1 to display Property Pages dialog box. The first column displays the name of controls in the form, the second column displays the index value for control array. If a control is not an element of control array, its Array Index is -1 or empty. Please note there is small time delay before a newly added control to appear in the dialogbox.

- Double-click "All check OK will be edges of



click on List1, Directions" box and click button. List1 anchored to all the form.

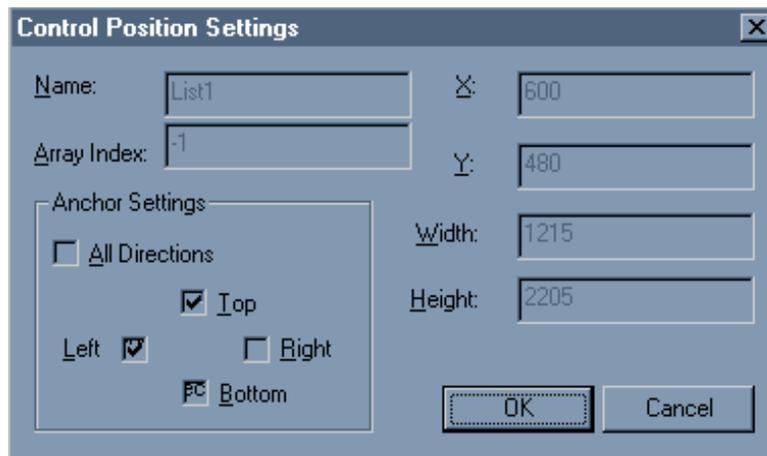
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ActiveFormResizer uses properties MinWidth and MinHeight to specify the form's size in TWIPS. Set both to be 3400.

- Save project.** button to program.

- Resize see that

and maintains positions the form.



your VB
Click the Start run the

Form1. You will List1 is repositioned resized but fixed relative to the edges of

ActiveFormResizer Specification

Properties

MinWidth Property

Sets the minimum width of the form in TWIPS. If it is -1, ActiveFormResizer will not restrict the form size.

MinHeight Property

Sets the minimum height of the form in TWIPS. If it is -1, ActiveFormResizer will not restrict the form size.

Stretch Property

Sets to stretch mode(value is 1) or anchor mode(value is zero, default). At stretch mode, all controls in the form are stretched proportionally. At anchor mode, each control's anchor information is used for repositioning the control.

StretchFont Property

Sets to stretch font size for label controls when value is one(1). When set to value zero(0), label controls font sizes are fixed. This property is valid for stretch mode only.

Programming Issues

1. Do not add more than one Resize control in a form.

Product Registration

ActiveFormResizer is a shareware product. By paying a fee and registering the product, you will support the operation of our company and help us to bring to you more products. We will notify all registered users about all product upgrades.

Step 1: Visit our WWW page: <http://business.fortunecity.com/hunt/673> for pricing information. Standard price is \$20 per license. Site license is available for \$100 per site.

Step 2: Send payment check with the Product Order Form. The form is available at the end of this file.

Step 3: We will send you the unlock code.

Step 4: Open your VB application project, click ActiveFormResizer control in a form, press F4 to display the Properties page for the control. Click the About property to display About ActiveFormResizer Control dialog box, and select "Register" button. Enter your name, User ID and Unlock code and select OK.

Bug and Update History

1. Version 1.0 -- First release, April 15, 1999.
2. Version 1.1 -- Revision 1 release, May 1, 1999.
 - New Features:
 1. Add property MinWidth and MinHeight to specify the minimum width and height for the container form. Measurement is TWIPS. Now, you don't need to add Form_Resize() in the form.
 - Bugs fixed
 1. Add versioning handling for future compatibility. This change will not allow EXE files made for Version 1.0 to work with Version 1.1+. Rebuild your EXE files.
 2. Fix a few errors in documentation.
3. Version 2.0 -- 2nd release, May 21, 1999.
 - New Features:
 1. Add property Stretch. This is of integer type and defaults to zero (0). When set to zero, the control is working in anchor mode where the each control's relative anchor position related to the form is used during resizing. When set to one (1), the control works in stretch mode where it stretch all controls in the form proportionally.

2. Add property StretchFont. This is of integer type and defaults to zero (0). This property is used for stretch mode (Property Stretch = 1). When set to zero (0), the font sizes for label controls are fixed as the form resized; when set to one(1), the font sizes for label controls are resized proportionally.
 - Bugs fixed
 1. During anchor mode, label controls were not positioned as specified.
 2. Update documentation.
4. Version 2.1 -- 3rd release, June 10, 1999.
 - Bugs fixed
 1. Failed to position controls that contain one or more children windows. An example is Microsoft Calendar.
5. Version 2.1, Build 15 -- 3rd release, June 28, 1999.
 - Bugs fixed
 1. Works with Microsoft Tab Control and Sheridan Tab control.

Bugs & Suggestions

Please email us all bug reports with title "BUG-RESIZE-XXXX", or product suggestions with title SUG_RESIZE-XXXX, where XXXX is a build number that can be found in the About dialog box of the OCX.

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