axData (Data Navigator)

Overview

axData is a enhanced data navigator control, written in VB5, which allows the user to do things which are not inherently available when using the standard MS datacontrol. The user has the normal record movement keys (first, last, next, previous), but also now has the ability to do simple searches and record editing functions (add, delete, edit).

The use of the control requires that a standard MS datacontrol is on the same form. This is because of the fact that making a VB ActiveX control behave like a standard MS datacontrol is almost impossible.

Revisions

1.0
- Initial Release

1.1
- Fixed problem with tooltips

1.2.6
- Added single line border
- Removed icon from about box title
- Added Redo Find button

1.3
- Changed DataSource property to Recordsource
- Fixed internal code so control can be attached to code generated recordset instead of MSDataControl
- Added DataType property to determine if DAO, RDO, or ADO
- Fixed code in search dialog so searching while usng RDO/ADO does not generate error.

1.31
- Added a Cancel parameter to the BeforeUpdate event so the user can validate data after the save button is pressed and then cancel the save if the data is not correct

1.35
- Use new version of axButton for buttons

1.39
- Added ShowFlatGrey property

1.3.11
- Use new version of axButton for buttons

1.3.12
- fixed problem with searching on field names with spaces

License

axData is developed and published by Software Solution.   You may use it freely for development with Microsoft Visual Basic 5.0. This product is freeware and includes source code which your may change to suit your purposes.

Tech Support

If you have any problems installing or running axData, please feel free to contact our technical support department at one of the following:

Internet: kirkq@execpc.com
CIS: 74537,2410
Telephone: 414-251-0915

HEY! Check out our world wide web page at:

HTTP://www.execpc.com/~kirkq

Properties

In addition to standard control properties, these are custom:

MSDataControl
This string property is the name of standard MS datacontrol you wish to connect to. You can type it in manually from the properties window or select it from the property page. Filling in this property with a valid datacontrol name will automatically attach the MS datacontrol to this control's DataSource property.

SearchField
This string property is the name of the database field you want to use as a default to search by when the user presses the find button to find a record.

StatusCaption
This string property allows the user to define a string to appear in the status textbox on right side of the control.

StatusVisible
This boolean property is used to indicate whether or not you want the status to display on the right hand side of the control

DataSource
This object property is used to connect to the data control, and would be normally set if you select a datacontrol to fill in the MSDataControl property. You can also set it manually in the Form_Load event. (ie. axdata.DataSource=Data1)

Methods

None

Events

AfterAdd

This event is called after the user presses the add button. This will give the developer the oppurtunity to fill in fields with default information as necessary. For instance, the developer could automatically fill in a key field with a sequential number.

AfterEdit

This event is called after the user presses the edit button. This will give the developer the oppurtunity to fill in fields with default information as necessary. For instance, the developer could automatically fill in a date field with today's date, maybe to represent when the current record was last changed.

AfterButton

This event is raised after a button has been pressed on this control and the appropriate action has taken place. It can be used to change the enabled status of edit controls on the current form or for other purposes. An index argument is passed to this event to indicate which button was pressed as follows:

0 - First Record
1 - Previous Record
2 - Next Record
3 - Last Record
4 - Find Record
5 - Add Record
6 - Delete Record
7 - Edit Record
8 - Save Changes
9 - Cancel Changes

Example:
```
Private Sub axData_AfterButton(Index As Integer)
Select Case Index
Case 5, 7
    For cnt = 0 To 9
      txtUsers(cnt).Enabled = True
    Next
    cmdPassword.Enabled = True
Case 8, 9
    For cnt = 0 To 9
      txtUsers(cnt).Enabled = False
    Next
End Select
End Sub
```

BeforeUpdate(Cancel as boolean)

This event is called before the update of a record is complete. This gives the developer the ability to change data fields or fill in data fields as necessary before the record is saved. It also allows the developer to perform data validation and cancel the save by setting Cancel=True.

Installation

- Unzip the source code with directories intact.

- Load the sample Project1 with Visual Basic. This should register the OCX for use with other VB applications. If it does not load correctly, then from the DOS prompt, move to the install directory and type: **regsvr32 axData.ocx** (you may need to put **c:\windows\system** in front of regsvr32 if you don't have a path.

- Whenever you want to add the control to a VB application, go to the Project/Components menu and select "ActiveX Data Navigator".