

VBView - A utility for viewing VB3 and VB4 source code

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Overview

VBView lets you quickly examine the source code of a VB project without the overheads of using Visual Basic itself.

VB3 developers will find it particularly useful when they are working on one project and want to look at or copy code from another project.

VB4 developers running Windows 95 or Windows NT can run multiple copies of Visual Basic but they will still find it easier to use VBView to look at other projects. They will also reduce the risk of accidentally saving a VB3 project as a VB4 project, since VB3View is a read only utility.

VBView displays the components of a project using the VB outline control. The top level node is the .MAK file or .VBP file itself. The next level displays the individual .FRM, .BAS and, for VB4, .CLS files that make up a project. The leaves of the outline show the individual procedures contained in each source file.

Clicking on a leaf brings up a code window showing that procedure. You can copy the whole procedure or a selection to the Windows clipboard.

You can also use VBView to print individual procedures.

Opening a project

There are three ways to specify the VB project you wish to view.

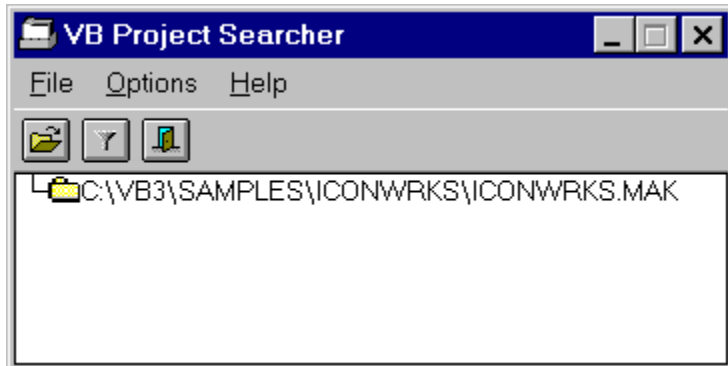
1. Click on the **F**ile menu and choose one the project files listed in the menu (these are taken from the list of recently referenced VB projects maintained in VB.INI)
2. Choose **O**pen **P**roject... from the **F**ile menu
3. Click on the **O**pen button



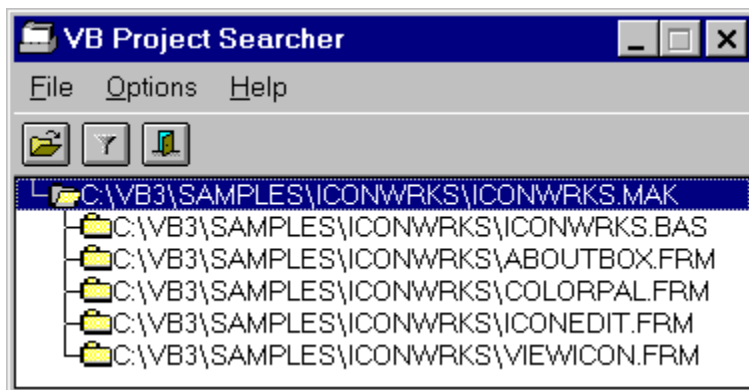
In the latter two cases, a standard Windows File Open dialog box is displayed.

Listing the source code files in a project

Once you have opened a project, the file name will be displayed in the project display area, as shown below:

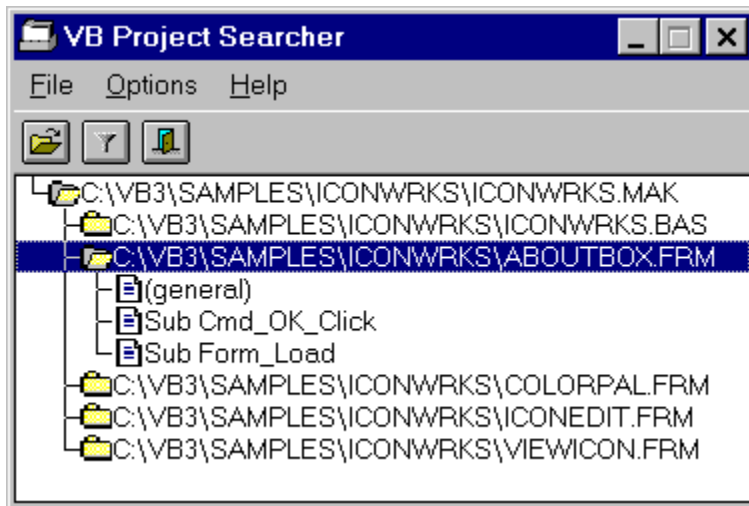


Click on file name itself, and VBView will list all the source code files in the project.



Listing the procedures in a source code file

Click on a .FRM, .BAS or .CLS name, and VBView will list all the procedures in the file. Click again, and the list will be closed up.



Setting a Filter

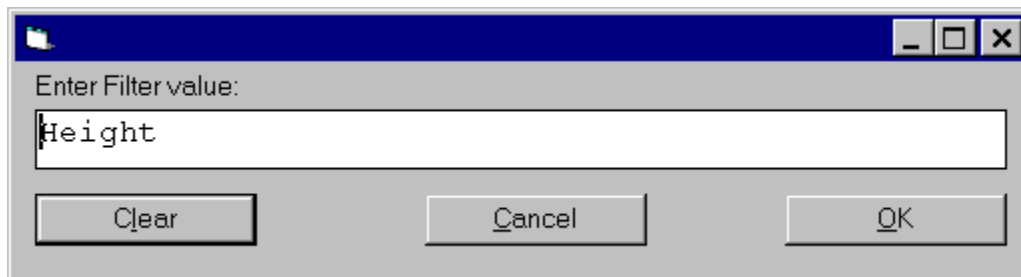
Sometimes, you just want to see the procedures that refer to a particular variable or object. VBView lets you set a global filter that limits the source files and procedures that are listed to those that contain a specified string.

You can set the filter in two ways:

1. Choose **Set Filter...** from the **Options** menu
2. Click on the **Filter** button



VBView then displays a window that allows you to enter the specified string. Type in the string that you want to use as a filter, and click on the OK button.



Note that the filtering is case sensitive. VBView will not show source files or procedures that contain `HEIGHT` or `height`, for example.

Resetting a filter

You can clear the filter in two ways:

1. Choose **S**et Filter... from the **O**ptions menu
2. Click on the **F**ilter button

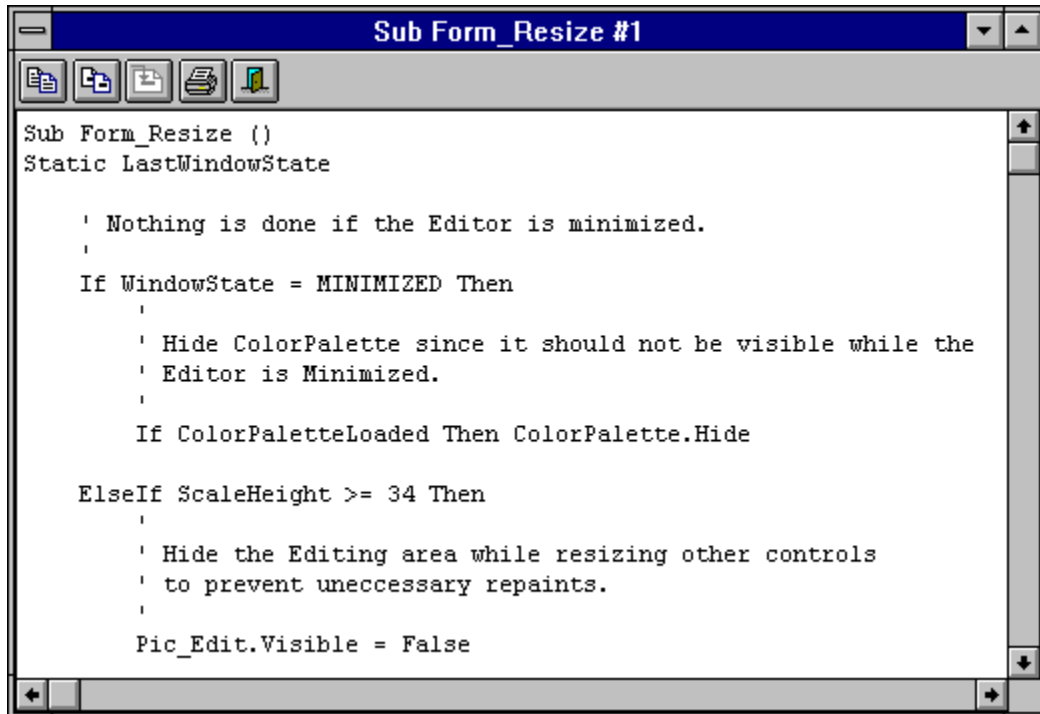


When the Search Criteria window is displayed, click on the Clear button.

Viewing Procedures

If you click on a procedure name, VBView will open up a Window showing the source code of that procedure. If you click on another procedure, VBView will open another Window for that procedure.

If you don't close these source code Windows, then your desktop may get rather cluttered.



```
Sub Form_Resize ()
Static LastWindowState

    ' Nothing is done if the Editor is minimized.
    '
    If WindowState = MINIMIZED Then
        ' Hide ColorPalette since it should not be visible while the
        ' Editor is Minimized.
        '
        If ColorPaletteLoaded Then ColorPalette.Hide

    ElseIf ScaleHeight >= 34 Then
        ' Hide the Editing area while resizing other controls
        ' to prevent unnecessary repaints.
        '
        Pic_Edit.Visible = False
```

The 16-bit version of VBView can only display about 40,000 bytes in a single code Window. If the procedure is longer than 40,000 bytes, then VB3View will show it in multiple code Windows.

The 32-bit version does not have these limitations.

If a filter is in effect, the first occurrence of the criteria field will be highlighted. You can use the Find Next button to find further occurrences.

Copying Code

Once you have opened up a window to view a procedure, you can copy code from the window using the Windows clipboard. The Copy All button copies the complete procedure to the clipboard. The Copy selection button lets you copy the current selection to the clipboard.

Copy All button:



Copy Selection button



Standard Windows editing conventions and keystroke combinations also apply.

Printing Procedures

Once you have opened up a window to view a procedure, you can obtain hardcopy by clicking on the printer button. Before printing, VBView gives you a dialog that allows you to choose page orientation, font, fontsize and one or two columns.

Terminating *VBVIEW*

You can terminate ***VBVIEW*** by clicking on the **Exit** button or choosing **Exit** from the **File** menu.



Versions

The shareware evaluation version of VBView is written in VB 3.0. It can be used on VB 3.0 and VB 4.0 projects.

Purchasers receive the latest VB 3.0 16-bit version and a VB 4.0 32-bit version that is faster and has fewer limitations.

Support

You may contact the developers by E-Mail.
The E-Mail address is PatDooley@aol.com.

License Agreement and Warranty Disclaimer

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License Agreement

You should read carefully the following terms and conditions before using this software.

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You may access **VBVIEW** through a network provided that you have obtained individual licenses for each workstation that will access the software via the network.

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This agreement shall be governed by the laws of the State of Ohio.

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Good data processing procedure dictates that any program be thoroughly tested with non-critical data before relying on it. ANY LIABILITY OF THE SELLER WILL BE LIMITED EXCLUSIVELY TO PRODUCT REPLACEMENT OR REFUND OF PURCHASE PRICE.

ORDER FORM

VBVIEW 1.1 Registration Form and Invoice

Ordering Information: Send this order form and a check drawn on a US bank or a postal money order in US currency for the total payment amount to PD Consulting, 2249 Elm Avenue, Suite 202, Cleveland, OH 44113.

VBVIEW Single Copy ____ copies at \$10 each = _____

OHIO residents add 7% sales tax +

Shipping and handling charge + _____ \$2.50

Total payment (US Currency) _____

Price guaranteed through December 1996.

Name: _____

Organization: _____

Address 1: _____

Address 2: _____

City, State, Zip: _____

Country: _____

Day Telephone: _____

Evening Telephone: _____

Fax: _____

EMAIL Address: _____

Comments and Suggestions:

Advantages of Registration

Registered users will receive the following benefits:

1. Support via E-mail or fax.
2. The latest 16-bit and 32-bit versions of **VBVIEW**.
4. A much smaller splash screen that disappears almost immediately.
5. The ability to use **VBVIEW** for real work instead of evaluations.

Error Messages

Most errors trapped by VBVIEW relate to file problems. For example, you may open an old project file that refers to BAS files that you have moved to a new directory.

A few errors may arise due to internal problems with **VBVIEW**. If you are a registered user, you can contact the developer for support.

VBView may generate the following error messages, where:

<<file>> is the name of the file in question

<<Run time error message>> is the message reported by the VB run time environment

<<Run time error code>> is the error number reported by the VB run time environment.

1. Could not access <<file>>
2. Could not access <<file>>Windows reports: <<Run time error message>>
3. <<file>> was not saved in Text format. You should open it in VB, select Save As from the file menu, Check the Save as Text box, and click OK."
4. Error processing MAK file <<Run time error message>>
5. You have more than 6000 items being displayed. If you continue to expand ".frm", ".bas" and ".cls" files, then an "Out of memory error" may occur. You can avoid this by clicking on some of the expanded entries to collapse them."
6. Error No<<Run time error number>> Description<<Run time error message>> occurred opening <<file>>. File skipped.",
7. <<file>> appears to be a binary file.
8. Error No <<Run time error number>> Description<<Run time error message>>occurred opening <<file>> File skipped.",

The likely Run time error codes and messages are:

- | | |
|----|-----------------------------------|
| 52 | Bad file name or number |
| 53 | File not found |
| 54 | Bad file mode |
| 55 | File already open |
| 57 | Device I/O error |
| 58 | File already exists |
| 59 | Bad record length |
| 61 | Disk full |
| 62 | Input past end of file |
| 63 | Bad record number |
| 64 | Bad file name |
| 67 | Too many files |
| 68 | Device unavailable |
| 70 | Permission denied |
| 71 | Disk not ready |
| 74 | Can't rename with different drive |
| 75 | Path/File access error |
| 76 | Path not found |

