

Anton Software Library/VBX

Message Spy VBX Custom Control for Microsoft Visual Basic version 2 and above

Version 2.1b

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11th July 1994

Introduction

The Message Spy custom control is a VBX that is used to "spy" on Windows and Visual Basic messages received by VB controls and forms. It fires an event when a message is received, passing you the message details and the ACTUAL control or form the message was intended for! All messages can be spied upon, or just a single specified message. Message numbers need never be used, as message names are acceptable in all places. All message and string lookups are highly optimised for maximum performance. Both pre-processing and post-processing of messages are supported.

Refer to file licence.wri for the terms and conditions associated with use of this custom control.

Enquiries and Support

For all enquiries, and for post-registration support, please contact:

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phone/fax (24 hours)
CompuServe
Internet

Source code is available upon request. Please apply for details.

Registration

The shareware version of the Message Spy custom control is fully functional, but operates only from within the VB development environment. Upon registration you will receive the non-shareware version which works from both the VB development environment and VB created .EXE files.

Full support will be provided to registered users of the Message Spy custom control, as will details of possible upgrades and future versions of the control, and details of new Anton Software Library/VBX custom controls and Anton Software Library/OLE custom controls.

To register:

Via CompuServe

Simply go to the CompuServe Shareware Registration Forum (GO SWREG). The cost of the control (per-user licence) is \$20.00 (20 US dollars) - this will be billed automatically to your CompuServe account. After you register, a *personally registered* version of the VBX file will be

sent to you directly via CompuServe e-mail.

The registration ID for the Message Spy Custom Control is 2680.

Direct

Alternatively, payment of \$20 (20 US dollars) or £15 (15 pounds sterling) can be made direct to the above address (per-user licence). (For UK residents, please send a cheque for £15. This is inclusive of 17.5% VAT, and a VAT receipt will be supplied to you.) A 3.5" diskette containing a *personally registered* version of the VBX file will then be posted to you.

File order.wri contains the Message Spy custom control order form.

Installation

The msgspy.zip file contains the following files:

droppad.mak	DropPad demo project file
droppad.frm	DropPad demo main form file
droppad.frx	DropPad demo main form binary data
droppad.ico	DropPad demo project icon
licence.wri	Licence agreement
msgspy.hlp	Message Spy custom control help file
msgspy.vbx	Message Spy custom control
order.wri	Order form
readme.wri	This file
spydemo.mak	SpyDemo project file
spydemo.frm	SpyDemo main form file
spydemo.frx	SpyDemo main form binary data
spydemo.ico	SpyDemo project icon
spydemop.mak	SpyDemoP project file (VB Professional edition)
spydemop.frm	SpyDemoP main form file (VB Professional edition)
spydemop.frx	SpyDemoP main form binary data (VB Professional edition)

Copy msgspy.vbx and msgspy.hlp to your windows\system directory.

Revision History

7th December 1992

Control conceived and development commenced.

5th February 1993

Version 1.0 development and testing complete.

Control released to selected clients, and used as part of ongoing consultancy work.

12th April 1994

Development of version 2.0 commenced.

25th May 1994

Version 2.0 released as shareware with the following changes and enhancements:

- changed from small to large memory model
- all table lookups optimised using large model versions of qsort() and bsearch()
- new properties:

Control
ControlName
Form
FormName
IsControl
IsForm
MessageName
MessageNumber
SpyMode

29th June 1994

Version 2.1 released with the following changes and enhancements:

- new event (MsgProcessed) to allow post-processing of messages
- Msg, WParam and LParam parameters of MsgReceived event may now be changed within the event, thereby allowing messages to be modified.

The help file (msgspy.hlp) has been updated to reflect all changes and additions.

10th July 1994

Version 2.1a maintenance release. The following bugs have been fixed:

- control did not function correctly when made into a control array (i.e. MsgSpy1.Index = 0)
- control mishandled WM_SYSCOMMAND messages (with WParam == SC_CLOSE), causing occasional system "freezes"
- control allowed itself to be subclassed, causing occasional VB "white-box" errors on run-time loading
- minor typographical errors in the help file (msgspy.hlp).

11th July 1994

Version 2.1b maintenance release. The following bug has been fixed:

- control sometimes mishandled unloads with multiple instances loaded (applicable mainly to registered - i.e. non-shareware - version).