# **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:

Anton Software Limited 40 Midfield Way Orpington Kent, BR5 2QJ UK

JK (Contact name: Tony Scott)

+44 (0) 81 302 4373 phone/fax (24 hours) 100265,2172 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.frm DropPad demo project file 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.

#### 5thFebruary 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 "whitebox" 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).