VB/Error Handler for VB 4.0 (16-Bit) (version 6.01)

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Purpose :

Declare Syntax :

Call Syntax :

Where :

Comments :

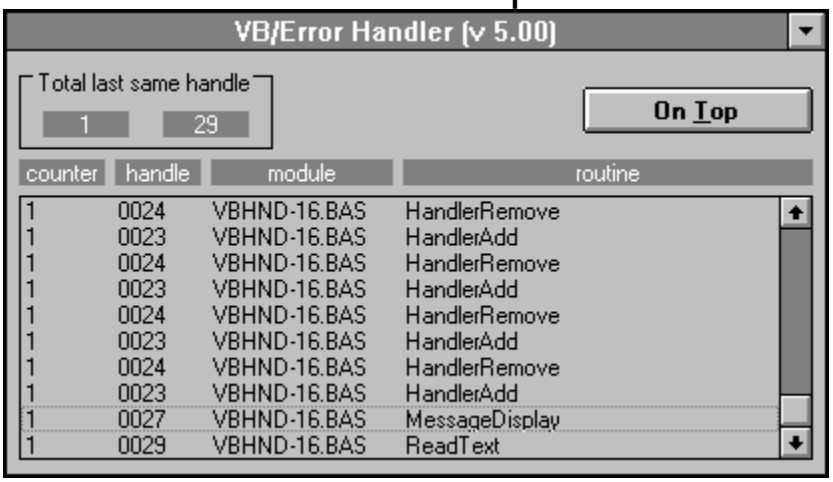
Examples :

See also :

Show the current routine in progress.

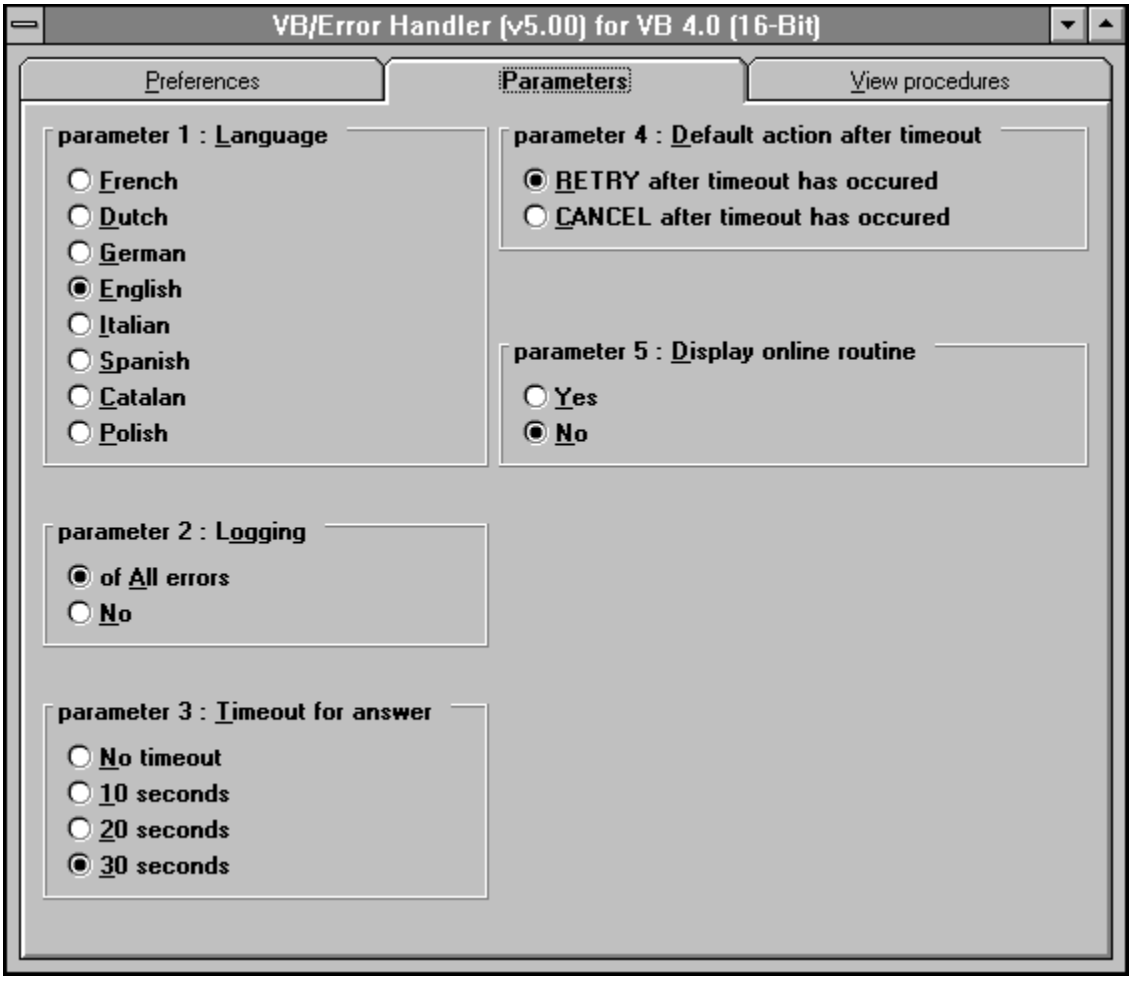
Activate this option box to switch to the French language.

Online form with traced procedure



VB/Error Handler (16-Bit)

Parameters



VB/Error Handler (16-Bit)

Select the drive on which your .VBP file is installed.

Distribution Note

When you create and distribute applications that use 'VB/Error Handler (16-Bit)', you should install the file VBHND-16.DLL in the customer's Microsoft Windows WINDOWS\SYSTEM subdirectory, the file [Your Application].HND in the customer's Microsoft Windows WINDOWS subdirectory and all VBHND-16.V?? (language's files) in the customer's Microsoft Windows WINDOWS subdirectory. The setup kit included with Visual Basic provides tools that help you write setup programs that install your applications correctly.

You are not allowed to distribute '**VBHND-16.LIC**' *file with any application that you distribute*.

Select the directory on which your .VBP file is installed.

Show the file name in progress.

Check this 'check box' if you want that 'VB/Error Handler (16-Bit)' take care
of your existing error handler.
If this check is cleared, 'VEH' add automatically the error's management;
If this check is checked, 'VEH' leave the routine with 'on error goto ...' inchanged.

Activate this option box to switch to the English language.

Push this command button to exit 'VB/Error Handler (16-Bit)'.

Choice if you want or not a timeout in the Error Message Box.

Revision History

See also : New Features

Version	Comments
5.00	Initial release of the 'VB/Error Handler (16-Bit)'.

New Features

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Version	Comments
5.00	Initial release of the 'VB/Error Handler (16-Bit)'.

VB/Error Handler (16-Bit)

When you select 'Add' or 'Remove', a backup of modified files is made in sub-directory of the directory installation fro 'VB/Error Handler (16-Bit)'.

When you select 'Add', the program adds automatically 2 modules called 'VBERR-16.BAS' and 'VBERR-16.FRM' to your .VBP file. This file is used to perform the error's management. You don't need to modify this file for your application. An another file [VBP name].HND is created and contains all datas for the error's management. This file must be copied into the WINDOWS directory.

Moreover, a call to 'mcInitID' routine is placed into the Main() routine (if exist) or into the MDIForm_Load (if exist) or into the first Form_Load encoutered. This call have the 5 following parameters :

Call mcInitID(-1, True, 3, True, False)

Parameter 1 must be set to :

-1 if you want to use the English Language for the Error Message Box.

VB_LNG_FRENCH	to use French Language
VB_LNG_DUTCH	to use Dutch Language
VB_LNG_GERMAN	to use German Language
VB_LNG_ENGLISH	to use English Language
VB_LNG_ITALIAN	to use Italian Language
VB_LNG_SPANISH	to use Spanish Language
VB_LNG_CATALAN	to use Catalan Language
VB_LNG_POLISH	to use Polish Language

Parameter 2 must be set to :

TRUE if you want to make a logging of all errors (the log filename is placed into the WINDOWS directory).

FALSE if no logging.

Parameter 3 must be set to :

TRUE if no waiting time (user must be activate RETRY or CANCEL button).

1 for 10 seconds, 2 for 20 seconds, 3 for 30 seconds to wait before automatic action (see below).

Parameter 4 must be set to :

TRUE if you want to set the first button als default (RETRY = continue after waiting time has occured).

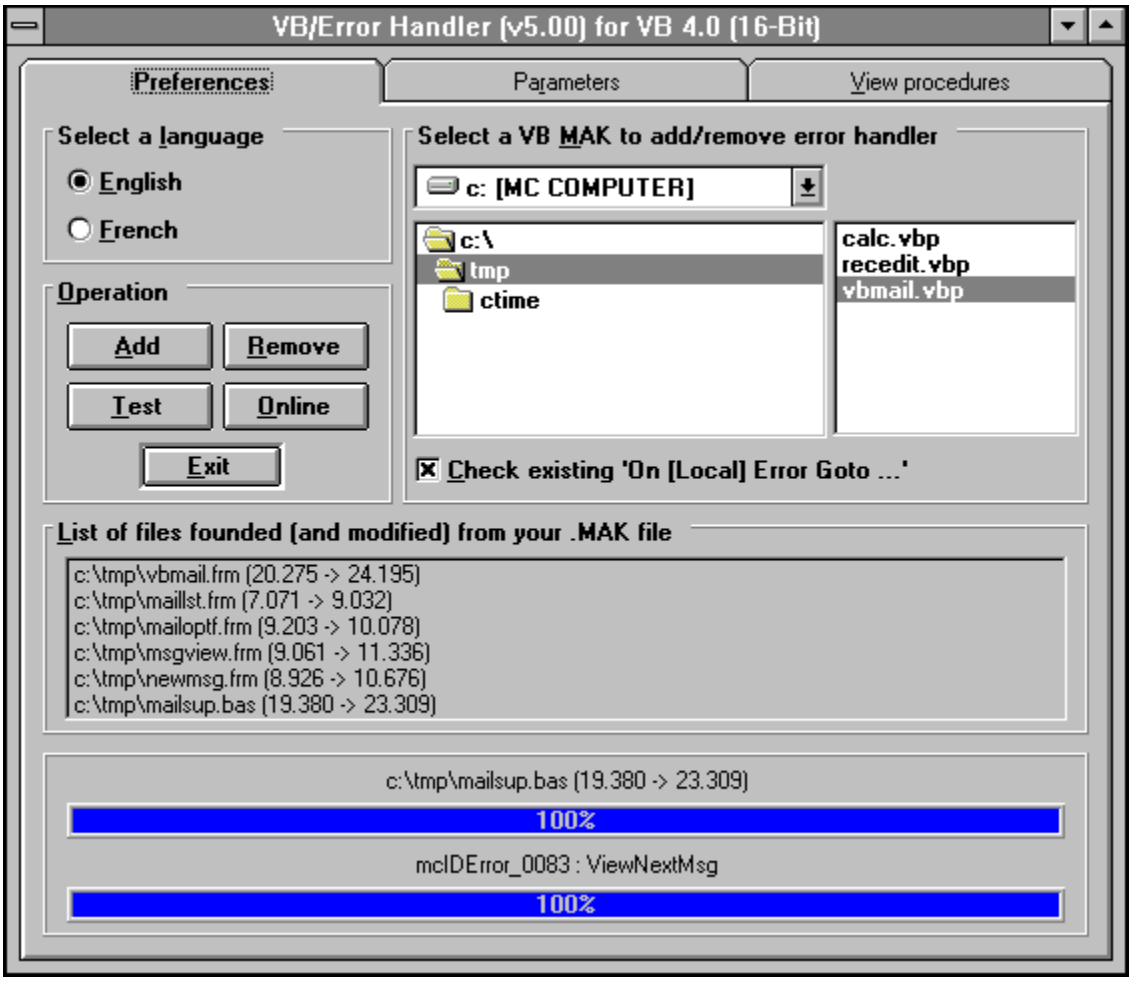
FALSE if you want to set the second button als default (CANCEL = stop after waiting time has occured).

Parameter 5 must be set to :

TRUE if you want to see an online form with displayed procedure.

FALSE if no online form.

Below a snap of 'VB/Error Handler (16-Bit)'. Click on hot spots (hand cursor) to see a popup explain.


VB/Error Handler (v5.00) for VB 4.0 (16-Bit)
Preferences
Parameters
View procedures
Select a language
English
French
Operation
Add
Remove
Test
Online
Exit
Select a VB MAK to add/remove error handler
c: [MC COMPUTER]
c:\
tmp
ctime
calc.vbp
recedit.vbp
vbmail.vbp
Check existing 'On [Local] Error Goto ...'
List of files founded (and modified) from your .MAK file
c:\tmp\vbmail.frm (20.275 -> 24.195)
c:\tmp\maillst.frm (7.071 -> 9.032)
c:\tmp\mailoptf.frm (9.203 -> 10.078)
c:\tmp\msgview.frm (9.061 -> 11.336)
c:\tmp\newmsg.frm (8.926 -> 10.676)
c:\tmp\mailsup.bas (19.380 -> 23.309)
c:\tmp\mailsup.bas (19.380 -> 23.309)
100%
mclDError_0083 : ViewNextMsg
100%

This list shows all files founden in your .VBP file.
The list shows the current size and the new size of all files.

Installation

Demonstration version :

The files VBHND-16.DLL and VBHND-16.HLP should be copied in your WINDOWS directory.
The files VBERR-16.HND, VBERR-16.LOG, VBHND-16.V?? should be copied in your WINDOWS directory.

Registered version :

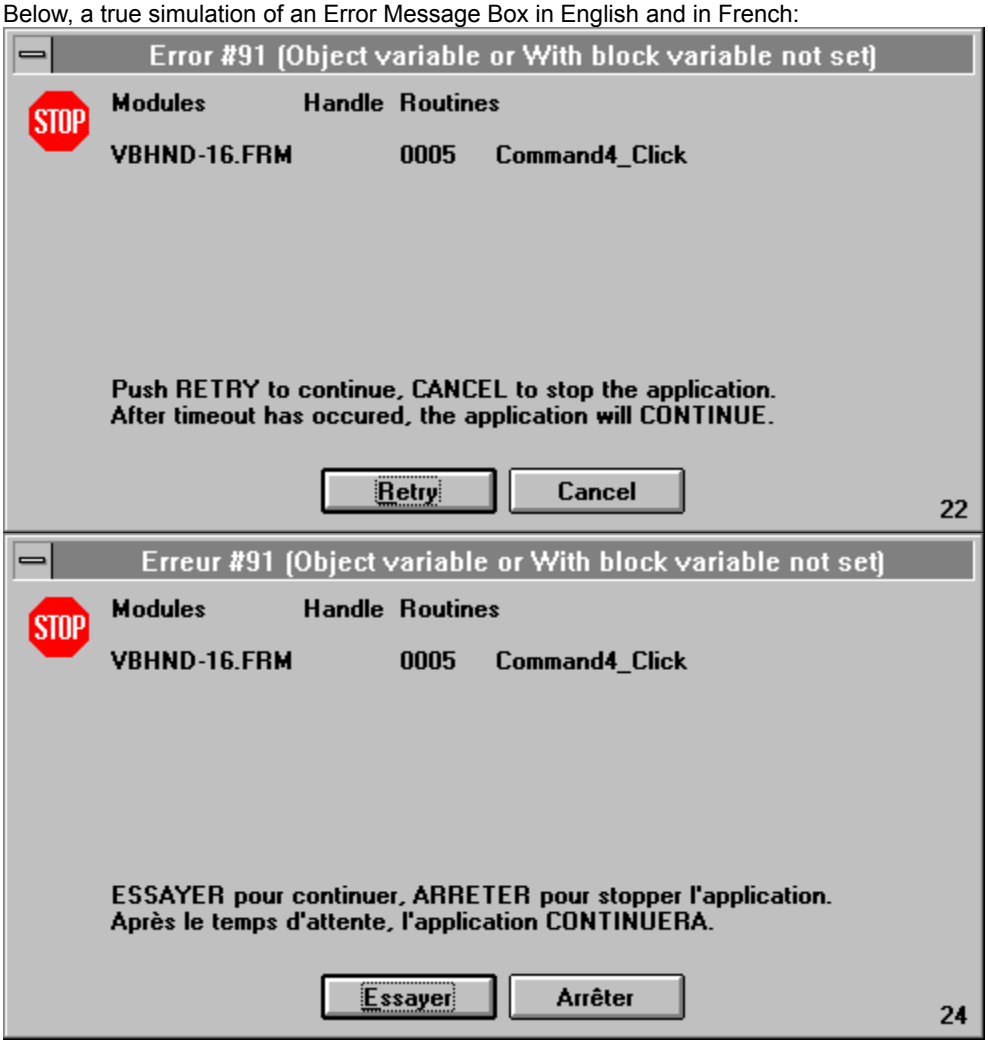
The files VBHND-16.DLL, VBHND-16.HLP should be copied in your WINDOWS\SYSTEM directory.
The files VBERR-16.HND, VBERR-16.LOG, VBHND-16.V?? should be copied in your WINDOWS directory.
The file VBHND-16.LIC should be copied in your WINDOWS directory.

Distribution note:

When you create and distribute applications that use 'VB/Error Handler (16-Bit)', you should install the file VBHND-16.DLL in the customer's Microsoft Windows WINDOWS\SYSTEM subdirectory, the file [Your Application].HND in the customer's Microsoft Windows WINDOWS subdirectory and all VBHND-16.V?? (language's files) in the customer's Microsoft Windows WINDOWS subdirectory. The setup kit included with Visual Basic provides tools that help you write setup programs that install your applications correctly.

You are not allowed to distribute '**VBHND-16.LIC**' *file with any application that you distribute.*

Push this command button to start the test of a random error to see the result.
Below, a true simulation of an Error Message Box in English and in French:



VB/Error Handler (16-Bit)

Push this command button to start the removing of the error's management.
The files 'VBERR-16.BAS' and 'VBERR-16.FRM' will be removed (if presents) from your .VBP file.
The file '[Your Application .VBP name].RHE' will be created and contains the following informations :

- name of the module/frm.
- old size of the module/frm.
- new size of the module/frm.

Push this command button to start the adding of the error's management.
The files 'VBERR-16.BAS' and 'VBERR-16.FRM' will be added (if not already presents) to your .VBP file.
The file '[Your Application .VBP name].AHE' will be created and contains the following informations :

- name of the module/frm.
- old size of the module/frm.
- new size of the module/frm.

Select a target language.
This target language is used to display the Error Message Box.

The second part of 'Total same last handle' is the last handle of the routine in progress.

The first part of 'Total same last handle' is the total call of the last handle of the routine in progress.

Choice if you want or not a logging of errors.

This list shows the following topics :

Handle	the handle of the procedure.
Module	the name of the procedure.
Procedure	the name of the procedure in the module.

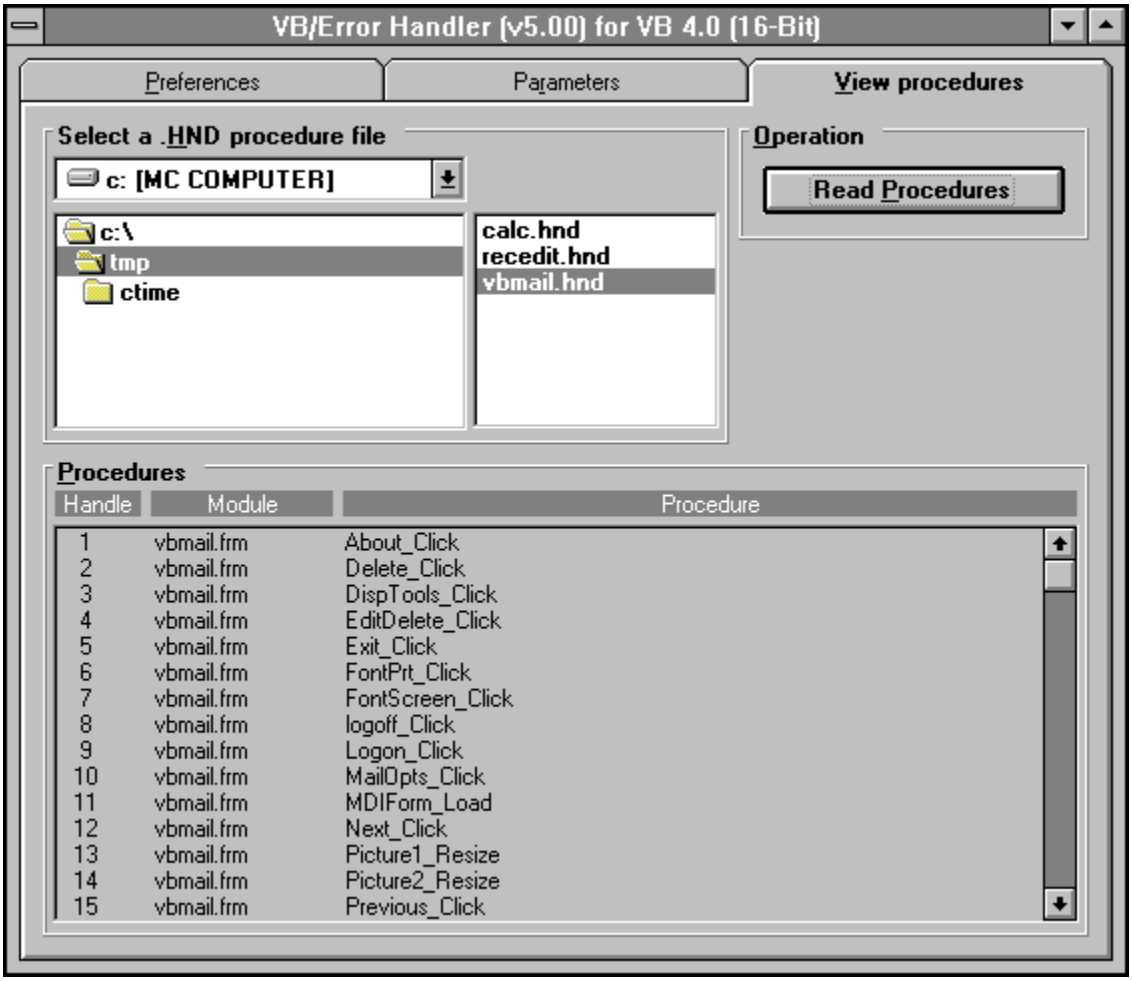
Push this button to start the reading of the procedure file.

Select a procedure file.

Select a directory on which procedure files are present.

Select a drive on which procedure files .HND are present.

View Procedures



VB/Error Handler (16-Bit)

This list shows the following topics (cyclic 25 last routines) :

Counter	the number of calling the same routine.
Handle	the handle of the routine.
Module	the name of the module.
Routine	the name of the routine in the module.

Push this button if you want that the OnLine form is always on TOP.
Repush this button to reset the on TOP position.

Push on the RETRY button to try to continue the application.

This part of the Error Message Box displays the action
to take by the operator and the action if a TimeOut occurs.

This part of the Error Message Box displays the full path
to retrieve the procedure on which the ERROR has occured.

Show the progress of the current file in the .VBP file.

Show the progress of the current line in the current file.

Select the .VBP file.

Technical Support

Only registered users can receive support and update.

To receive support, you must specify your registration ID.

However, any report on any problem are the welcome.

The following information may be of help to you in streamlining your efforts to resolve any technical problems you may have with 'VB/Error Handler (16-Bit)' program.

GPF?

If you are getting a GPF (General Protection Fault), write down the information that is displayed when the error occurs. Also, make a note of what your code was doing (in general terms.)

ISOLATE IT

Try to isolate the cause of the error. If at all possible, step through your code with F8 and F9. Try to find the one line of code that is causing the error.

SCALE IT DOWN

If at all possible, try to reproduce the problem in a small test program that you can send in. Send your test on CompuServe.

CompuServe Mail:

Name : Michaël RENARD
CIS : 100042,3646
Internet : 100042.3646@compuserve.com

I'm on CompuServe one time a day (after 19 o'clock European Time).

License Agreement

The 'VB/Error Handler (16-Bit)' program and its associated DLL is not public domain software or free software.

The 'VB/Error Handler (16-Bit)' program and its associated DLL is copyrighted, and all rights are reserved by its author: Michaël Renard.

You are licensed to use this software on a restricted number of computers. You may copy the software to facilitate your use of it on as many computers as there are licensed users specified in the 'VB/Error Handler (16-Bit)' license file '**VBHND-16.LIC**'. Making copies for any other purpose violates international copyright laws.

You are not allowed to distribute '**VBHND-16.LIC**' *file with any application that you distribute.*

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Your use of this product indicates that you have read and agreed to these terms.

Acknowledgement

This help has been writed by using ForeHelp v1.04 from ForeFront, Inc.

Select RETRY, if you want an automatic retry of your application after the error.
Select CANCEL, if you want to stop your application after the error.

Overview

'VB/Error Handler (16-Bit)' is a program to add/remove automatically the error's management in a VB .VBP file.

'VB/Error Handler (16-Bit)' have an another approach to minimize the size of the .EXE. It use an external file did contains all routines founded in the source file. A basic module (VBERR-16.BAS) and a form module (VBERR-16.FRM) will be added to your application. The form module show the online traced procedure. However, a trapped error is displayed in a special Message Box (6 languages).

I hope that 'VB/Error Handler (16-Bit)' will be a great advantage for you and for your application.

'VB/Error Handler (16-Bit)' works ONLY with modules SAVED IN TEXT MODE.

Registering 'VB/Error Handler (16-Bit)'

The easiest way to Register 'VB/Error Handler (16-Bit)' is through CompuServe's SWREG forum.

1) GO SWREG
2) Choose Register Shareware.
3.1) 'VB/Error Handler (16-Bit)' SWREG ID is : **#4379** (**ONLY** if you're a **REGISTERED** user of 'TIME TO WIN' #4045).
3.2) 'VB/Error Handler (16-Bit)' SWREG ID is : **#4380** (only if you're **NOT** a **REGISTERED** user of 'TIME TO WIN' #4045).

As soon as I receive notification of your registration (usually 1 - 3 days) I will send you out via e-Mail the latest version and a license file for one site (only if lastest version is available (not currently in test)) if not you receive the license file for one site.

You also qualify to receive new versions of 'VB/Error Handler (16-Bit)' during one year.

The price for 'VB/Error Handler (16-Bit)' is fixed at $20.00 (**ONLY** if you're a **REGISTERED** user of 'TIME TO WIN' #4045).
The price for 'VB/Error Handler (16-Bit)' is fixed at $30.00 (only if you're **NOT** a **REGISTERED** user of 'TIME TO WIN' #4045).

If you're NOT a REGISTERED user of 'TIME TO WIN' and you register 'VB/Error Handler (16-Bit)' at the low price ($20.00), I can't send to you the product and I wait until that you register 'TIME TO WIN'.

This price is much a contribution to my works that a payment. When you register 'VB/Error Handler (16-Bit)', you help me to develop better products and others products.

'VB/Error Handler (16-Bit)' is written in Visual Basic 4.0 and its associated DLL in C and compiled using Visual C++ 1.51.
The DLL code has been optimized for 80386 use with the 'maximize speed' option.

Others products :

1) 'TIME TO WIN' and 'TIME TO WIN (16-Bit) SWREG #4045 (more over 640 routines for VB 3.0 or VB 4.0).
2) 'TIME TO WIN Light' SWREG #5808 (more over 360 routines for VB 3.0).
3) 'VB/Tracer-Profiler' SWREG #5294.

4) 'Bundle of TIME TO WIN, VB/Error Handler (16-Bit), VB/Tracer-Profiler' SWREG #5499

Push on the CANCEL button to stop immediatly the application.

Display the Time remaining before an automatic decision will be made.

Choice if you want to display an online form with all traced procedure.
Don't set this parameter in the distributed application.