VB*PTU Version 1.0 For Windows
Shareware Version

There are benefits from registering : - Program Update. Plus New Features.

PLEASE NOTE : The VBRUN300.DLL runtime library is required for this program. The DLL's THREED.VBX, CMDIALOG.VBX and COMMDLG.DLLare provided with this program.

**You Should Place All The Above Files Into Your Windows System Directory. If You Do Not Wish To Do This Then Place Them SomeWhere On Your Path. **

Program Overview.

The program is design to allow the user to set up complex and lengthy program debugging/testing runs, quite simply. The main executable receives information as a DDE client, this information might be variable values, error values or just status information. It will log it to file, with the time and action number that it occurs. All the user has to do it add a pre-written form and code module to their own program. Whether it is in the VB environment or as a compiled standalone executable, the client will still continue to log details sent from your application. It is up to you as to what you want to log ; Variable Values, Recursion Values, Plain Descriptions, Error Codes or User Input.

Installation Instructions.

PLEASE NOTE : The VBRUN300.DLL runtime library is required for this program.

The DLL's THREED.VBX, CMDIALOG.VBX and COMMDLG.DLL are provided with this program. These VBX and DLL files should be placed in your Windows System directory. You should then create a seperate directory for VB*PTU e.g C:\VB_PTU and copy into it, the remaining files. Add the VB_PTU.EXE icon to your Windows desktop in the normal way.

Program Usage.

N.B. The pre-written form is called DBG.FRM and the module DBG.BAS. You may alter these two files to meet your exact requirements.

How it all works !

Basically, once you have added the pre-written form and code module to your own application. You just put text in the text box on the form. With the VBPTU program running, any text sent to the text box on the form, is sent to the VBPTU program by DDE.

Adding the form and code to your own application.

I have created a form and a basic module for you to add to your code, all you need to do is make the form visible when you want to use it's functions. I have set it's visible property to false. And then using the single routine in the basic module, place any text you wish into the text box on the form. Remember before running your application make sure the program VB_PTU.EXE is running, otherwise an error will occur.

N.B. Load up the form and the bas module for further information contained inside.

Running the program, VB_PTU.EXE

Remember this program must be running before you load the pre-written form in your application. You may start the 'logging to file' process from inside the VB_PTU program itself although the most flexible method is to use the control language from your application, to open the logging file.

Control Langauge.

I have created a simple control langauge that when passed using the DDE method will change or adjust certain features of program testing. All you need to do it set the text box on the form equal to one of these commands instead of normal information.

N.B. Normal operating mode is logging to screen only, logging of time and logging of action number are set to on.

Commands	Descriptions
/OPENLOG=x:\path\filename.ext	This command will close any current log and open this new one, overwriting any previous log. If there is an error opening the logfile, logging will return to logging to screen.
/APPENDLOG=x:\path\filename.ext	This command will close any current log and open this new one, appending data to the end of the file.If there is an error opening the logfile, logging will return to logging to screen.
/LANON	This will turn logging of the Action No. ON
/LANOFF	This will turn logging of the Action No. OFF
/LANRESET	This will reset the number to 0
/LTIMEON	This will turn logging of the Time ON.
/LTIMEOFF	This will turn logging of the Time OFF.
/CLOSELOG	This will close the current log. And continue logging to screen.
/REPORTSTATUS	This will report the Resource Percentages in a similar way to the way Windows reports it.
/LOGTHISFILE=x:\path\filename.ext	This will open the named file and place a copy of it into the log file, useful when dealing with small data files.

N.B. Please note that all these command lines are also logged in your log file.

N.B. If the program VB_PTU.EXE experiences an error, it will try to continue without hindering your trial application. This may mean that logging to file might suddenly discontinue. If VB_PTU was to shut-down, the DDE form in your application would report an error.

Example.

This piece of example code is actually inside the pre-written form and can be used to test the DDE link if you wish. It will give you some idea of extent of the control commands.

```
Sub TESTDDE ()
  REM ** Example DDE Code **
  If status.LinkMode = 0 Then status.LinkMode = 1
  Call debugstatus("/OPENLOG=c:\new.log")
  Call debugstatus("/LANON"): Call debugstatus("/LTIMEON")
  Call debugstatus("About to Start FOR/NEXT Loop 1000")
      For u = 1 To 1000
              Call debugstatus("In U Loop " + Str$(u))
      Next u
```

```
    Call debugstatus("Finished Loop")
    Call debugstatus("/REPORTSTATUS")
    Call debugstatus("Hello")
    Call debugstatus("/LOGTHISFILE=" + "c:\autoexec.bat")
    Call debugstatus("/CLOSELOG")
    Call debugstatus("/LANOFF"): Call debugstatus("/LTIMEOFF")
        For i = 1 To 200
                Call debugstatus("In I Loop " + Str$(i))
        Next i
    Call debugstatus("/APPENDLOG=c:\new.log")
    Call debugstatus("Nearly Finished.")
    Call debugstatus("/CLOSELOG")
End Sub
```

Remember of course, that you might only have one command in each sub-routine or function.

Registered Program Features.

The registered program contains a much larger set of commands ranging of checking the exact memory available to drive free space. Also included is the ability to redirect the logging facility to your printing device.

(See **REGISTER.WRI** for further information on obtaining the registered version.)

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History.

Version 1.0 - Created 3/2/94. Written In Visual Basic Version 3.0

Bugs & Suggestions.

Please report any bugs, problems or suggestions and I will be pleased to help :

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Note

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