

TracePlus/VBX+Windows

Version 1.10 (April 1996)

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Using TracePlus/VBX in Design mode

We recommend that you start *TracePlus/VBX+Windows* before Visual Basic (or any design environment that runs your application via an interpreter), if you will use it in Design mode. An alternative approach is to launch Visual Basic from TracePlus, i.e.:

1. Select the **Filters** item from the **Trace** menu.
2. Check the box next to the words *Launch application* below.
3. Press the *Choose Application* button. Find the Visual Basic 4.00 .EXE file, i.e. VB.EXE (It usually is in the \VB directory). Double-click on it. The Choose Application dialog box will disappear, and the filename will appear in the Filters dialog box.
4. Press *Ok* to close the **Filters** dialog box.
5. Press the Start button on the toolbar, or select Start from the Trace menu.

How TracePlus/VBX locates your VBX Controls

When you start *TracePlus/VBX+Windows*, *TracePlus* creates a database of VBXs it found on your PC. The search criteria that *TracePlus* uses is:

1. The Windows system directory
2. The directories found in the DOS PATH statement.
3. The directory of the application you specified to launch via the **Filters** dialog box.

Sample Log File

We have included a trace log file that was generated using the new *Export* feature, so that you can see what this feature provides. To load the sample log file, select **Import** from the **File** menu, then choose SAMPLE.RDF (it will be in the same directory as TracePlus). Be sure to view the *PC Configuration* (This log was generated from the author's machine).

Compatibility

TracePlus/VBX+Windows has been tested with Microsoft Windows 3.1, Microsoft Windows for Workgroups 3.11, Windows 95, and Microsoft Windows NT 3.51 (WOW).

Product Modifications

Drag and Drop: Single files can be dragged from the Windows File Manager and dropped on *TracePlus* window or the *TracePlus* icon. The specified .EXE file will be launched when the trace is started.

Data buffer display options can be specified by pressing the *Buffers...* button in the Filters dialog box.

Application notes

Tracing Borland Turbo Pascal for Windows applications: When an API error is detected, the Stack Trace listbox will only have one entry. This is due to the way that Borland manipulates the stack in a nonstandard way. Borland C/C++ programs do not exhibit this behavior, however.

Level of detail settings (Options dialog box): Remember that this option does not change the format of the *TracePlus* main window. This options affects either the **File** or **Printer** output options.

OS/2 Users: If you want to debug a Windows application running on the OS/2 desktop, the application must be launched by *TracePlus* itself, so that *TracePlus* and the Windows application share the same memory space. OS/2 creates a separate instance of Windows for each application that is launched from the OS/2 desktop.