

SCFILE V1.1

Copyright 1993 Software Assist Corporation
All Rights Reserved

NOTICE:

This copy of SCFILE is distributed as *Shareware*. You are free to use it for up to thirty (30) days without charge. If, after 30 days, you still wish to utilize SCFILE, you are expected to register your usage with Software Assist Corporation. Please see REGISTER.DOC for information on registering.

SCFILE, SCFILER, DDESH.DLL, and FILETPIC.DLL are distributed "as is". You must satisfy yourself as to their usability in your situation. Neither Software Assist Corporation or the author accept any responsibility for consequences resulting from their use.

What is SCFILE?

One thing missing from the standard Windows environment is the ability to quickly browse large text files. Probably, in going back to the days when Windows was conceived, the designers did not envision multi-megabyte files existing on laptop computers. Well, they're there. With SCFILE, you can not only view any text file you can store, you can very rapidly search files for text strings. SCFILE also provides the facility to copy selected portions of files either to the Windows clipboard or to other files. SCFILE does not pretend to be a word processor or a text editor and thus does not carry any of the associated baggage. It is simply an easy way to view, search through and extract from the text files you deal with on a daily basis.

System Requirements

Microsoft Windows 3.1 or above.
Microsoft Windows for Workgroups (optional).
VBRUN200.DLL
Windows supported mouse.

SCFILE utilizes several facilities which first became available with Windows 3.1. It will not function on a Windows 3.0 or below system.

A portion of SCFILE and SCFILER was developed using Microsoft Visual Basic Version 2.0. Thus the requirement for VBRUN200.DLL. If you do not have this DLL, it can be obtained from the CompuServe MSBASIC forum libraries. This file is also distributed as part of the registered version of SCFILE.

The remote control facilities of SCFILE and SCFILER utilize the NetDDE capabilities of Windows for Workgroups. If you do not intend to utilize SCFILER, you do not need Windows for Workgroups.

Most of SCFILE is *keyboard aware*. The copy function, however, requires the use of a mouse to indicate the beginning and ending of what you want to copy.

Installation

Non-Registered Copy

You have already unzipped the file if you are viewing this document.

Copy SCFILE.EXE, SCFILER.EXE, and SCFILE.HLP to the directory you want to run them from.

Copy DDESH.DLL, and FILETPIC.DLL to a directory on the Windows path. This is usually \WINDOWS\SYSTEM\.

Optionally add a Program Manager item for SCFILE.EXE and SCFILER.EXE. Note that SCFILER is only necessary if you wish to use the remote control features of SCFILE.

Regiserted Copy

Insert the distribution diskette and run **SETUP.EXE**.

SETUP will copy the required DLLs into your Windows system directory. These files include:

- VBRUN200.DLL (if you have an older version)
- VER.DLL.
- DDESH.DLL (supports NetDDE functions)
- FILETPIC.DLL (main DLL supporting SCFILE)

All remaining files (.EXE files and source) will be copied into a directory you choose. By default, this directory is C:\SCFILE11.

A Program Manager group will be created containing SCFILE, SCFILER, and a Winhelp icon for viewing the help file that describes the DLL resident functions.

Opening a File

There are four ways to view a file with SCFILE:

- 1 - Start the SCFILE application and utilize the File/Open menu item.
- 2 - Associate a file extension to the SCFILE.EXE through File Manager and double click on the file.
- 3 - Drag and drop a file onto the SCFILE application (just the same as you would with Notepad). This can be done with the SCFILE screen visible or when SCFILE is in an iconic state.
- 4 - Execute SCFILE with the file name you want to view as a parameter.

See SCFILE.HLP for further information.

The SCFILE Screen

The SCFILE screen looks basically like the Notepad screen with both vertical and horizontal scroll bars. You are free to move it or resize it any way you want. The horizontal scroll bar will cause an immediate change of view if you drag the scroll bar's thumb. The vertical scroll bar looks just like any other vertical scroll bar in Windows. The difference is that it can represent a much larger range of values (1,000,000,000+) than a normal scroll bar. You may notice a little bit of flicker on the scroll bar's thumb as you scroll through a file. This becomes more apparent with smaller files. You may also notice (especially on smaller files) that when you drag the thumb, it will reposition itself to another location. This is due to the thumb position representing the last visible position within the file while you are dragging it to present the first visible position. If that doesn't make sense, don't worry about it.

SCFILE is also keyboard aware. In other words, you can scroll through the file using the Page Up, Page Down, Home, End, and all of the arrow keys. If SCFILE is being controlled from a remote system by SCFILER, these keys will perform the same functions from SCFILER. Since SCFILE has no cursor, the arrow keys will cause an immediate change of viewing position.

Searching a File for Text

Once a file is opened for viewing, you can search through the file for any text string. Simply pull down the *Search* menu item and activate *Find*. You will be presented with a dialog from which you can enter the string you want to find. If you are not sure whether the string exists in the file in the case you are entering it, activate the *Ignore Case* check box.

If the string is found, the line it exists on will become the first viewing line and the text will be outlined by a broken rectangle.

To repeat your search, simply press F3.

Extracting Portions of a File

Once a file is opened for viewing, the *CopyTo* menu item becomes enabled. By default, extracts are sent to the Windows clipboard. To change this and send your extract to another file, click on the *Destination* sub-menu item. You will be presented with a dialog from which you can select either the clipboard or a file. If you select file, you will be presented with a normal file selection dialog from which you can enter the name of the file you want to append your extracts to.

When extracting to the clipboard, each extract will clear the clipboard. When extracting to a file, the file is appended to. If the file already exists, a carriage return and line feed are appended prior to the extracted text.

Once you have established your *CopyTo* destination, extracting text is a two step process. This is the only operation within SCFILE that requires the use of a mouse. Click on the first line of text you want to extract. The line will then be outlined with a broken rectangle. If you make a mistake and select the wrong line, pull down the *CopyTo* menu and click on *Unmark*. This will undo your selection.

With the first (or last) line outlined, click on the last (or first) line of text you want to extract. That's it. Your extract has been completed. If you are extracting a large portion of a file, you notice a "*Copying to ...*" box appear next to your cursor while the extract is taking place. Otherwise, the only indication you will receive of the extract is the cursor will briefly (or for awhile if you are extracting a large portion of the file) change to an hour glass and your viewing screen will be cleared and repainted.

Controlling SCFILE From Another Workstation

Why would you want to do this? Well, there may be a number of reasons. The reason I chose to add the capability was to allow me to view code or documentation on one workstation while working on another without having to keep changing back and forth to scroll.

To activate remote control, pull down the *File* menu item and select *Share Control*. SCFILE will create a DDEShare entry for itself in the local workstation allowing another workstation to create a NetDDE link with it. You can still control SCFILE from the local workstation.

From the remote workstation, execute SCFILER. You will be presented with a list of all the machines currently on the network. Select the machine that is running SCFILE. SCFILER will then establish the NetDDE link to SCFILE. With the SCFILER window having focus, just press any of the scrolling keys you would press for SCFILE and watch the SCFILE application change your viewing position. You can also end the SCFILE application from SCFILER by pulling down the *File* menu and selecting *Close Remote*.

Note that the SCFILER window does not have to be open to control SCFILE. It can be in an iconic state. It just needs to have the keyboard focus.

What you CAN do with a registered copy:

You may examine and modify the Visual Basic source code in any way you like. Please understand that Software Assist is not obliged to support any modification you make.

You may distribute your modified Visual Basic application as well as the supporting DLLs.

What you CANNOT do with a registered copy:

You cannot expect Software Assist to support, in any way, any of your users nor can you expect Software Assist to support your users through you.

You cannot document the internal use of the supporting DLLs (FILETPIC, DDESH), in any way, in any application you distribute.

If FILETPIC.DLL, DDESH.DLL, or DLLFUNCS.HLP are to be utilized by multiple people concurrently for development, it is expected that each person will register a copy of SCFILE.

**NEITHER SOFTWARE ASSIST CORPORATION OR GARY GARRISON
ACCEPT ANY RESPONSIBILITY OR LIABILITY FOR ANY
CONSEQUENCES RESULTING FROM YOUR USE OR DISTRIBUTION
OF ANY COMPONENT OF SCFILE.**

Gary Garrison
Software Assist Corporation
75 Maryland Avenue South
Golden Valley MN 55426-1544

(612) 541-0144

CIS ID: 76400,3555

February 5, 1993