StatusBar 3.0

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Decrease Width	Alt + Left Directional
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(Height is fixed and cannot be changed.)

Note: StatusBar has a minimum width written into the program to prevent read-outs from overlapping. If you attempt to make StatusBar too narrow, it will simply readjust to this minimum width setting.

Readout Toggles and Functions:

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Mouse

Mouse Functions and Usage

Movement:

1. Position the mousepointer over any part of the ribbon (except the clock).
2. Press down and hold the RIGHT mouse button.
3. Drag StatusBar to its new position.
4. Release the RIGHT button.

Resizing:

1. Place the mousepointer over either the left or right border so that the "east/west" mousepointer appears.
2. Press down and hold the LEFT mouse button.
3. Drag the border left or right to the desired width.
4. Release the LEFT mouse button.

Note: There is a minimum width written into the program to prevent read-outs from overlapping.   If you attempt to make StatusBar too narrow, it will simply readjust to this minimum width setting.   StatusBar's height cannot be changed.

Readout Toggles and Functions:

GDI/User Resources   Alt Key + LEFT mouse button click on Resources readout.

Total/Block Memory   Alt Key + LEFT mouse button click on Memory readout.

View Task List   Alt Key + LEFT mouse button click on Tasks readout.

Select Drive   Alt Key + LEFT mouse button click on Disk readout.
(This function allows the selection of a different Hard Drive to monitor OR allows access to the pop-up message box with Floppy Disk Info.)

Note: The clock's 12/24 hour toggle is not accessible via the mouse.

Application Control:

Minimize   LEFT mouse button double-click on any part of the ribbon (except the clock).

Restore   LEFT mouse button double-click on icon.

Exit   Ctrl Key + LEFT mouse button click on any part of the ribbon (except the clock).

Readouts: Options and Special Functions

`GDI: 67%` `Mem: 6,460K` `Tasks: 4` `C:\ 4,346K` `0:22:24 AM` `Tue 5/26/1992`

GDI/User Resources Readout

Toggle: Alt + R,   Alt + LEFT Mouse Button Click

The first readout on the left displays either the percentage of free GDI resources (default) or the percentage of free User resources.   This actually indicates the percentage of the fixed maximum amount of memory available to the dynamic link libraries, GDI.EXE and USER.EXE.

GDI.EXE controls Windows graphical functions (drawing and painting windows, bitmap display, etc.).   USER.EXE controls a variety of system functions.   The total amount of memory reserved for each of these is fixed, but, generally, the percentage of resources available to GDI.EXE is of greater importance to the user. Most "low memory" situations, on a properly configured system, are rarely the result of an actual lack of memory, but occur when GDI.EXE uses up the fixed amount of memory available to it.

Total Free Memory/Largest Block of Contiguous Memory

Toggle: Alt + M,   Alt + LEFT Mouse Button Click

The second readout from the left displays either the total amount of available memory (default) or the size of the largest block of contiguous memory.   Either type of memory display may include, depending on your system's configuration, the amount of conventional memory, extended memory, and expanded memory, as well as the size of an installed permanent swapfile.   Thus, they may indicate an amount of memory vastly greater than the amount of your system's RAM.

The format (i.e. the "thousands" separator) depends on the settings made in Control Panel's "International" dialog box.

Current Tasks (and Task List)

Task List Access: Alt + T,   Alt + LEFT Mouse Button Click

The next readout indicates the total number of windows which Windows identifies as "top level" or "parent" windows.   This is generally the same as the number of currently running applications, although multiple instances of the same application count as separate tasks, and some applications may have more than one top level window.

Clicking on the Current Tasks readout while holding down the ALT key, or using the accelerator key combination, displays a popup list of the names of the currently running tasks and/or multiple instances of single task.

Free Hard Drive Space (Floppy Disk Info)

Drive Selection Access: Alt + D,   Alt + LEFT Mouse Button Click

The fourth readout continuously monitors the amount of free space on the hard drive where your Windows directory is located.   The free space is displayed in kilobytes, thus, for example, 1,000 K would indicate that there is 1 megabyte of free space available.

The format (i.e. the "thousands" separator) depends on the settings made in Control Panel's "International" dialog box.

If you have more than one hard drive, you may select a different drive to monitor (but StatusBar will always begin with your "Windows drive").   Access the Drive Selection popup dialog box by clicking on the readout while holding down the ALT key, and then enter the drive letter of a different drive.

Floppy disk drives will not be continuously monitored.   If you enter the letter of a floppy drive in the popup dialog box, StatusBar will display the size of the selected disk and its available free space in a message box instead.

Be sure that you have a disk in the selected floppy drive before attempting this.

Current Time

12/24 Hour Clock Mode Toggle: Alt + C

Enable/Disable Hourly Beep: Alt + B

Select Hourly Beep Sound: Ctrl + B

The fifth readout is a digital clock face that displays the current system time. The time may be displayed in either a 12 Hour AM/PM format (default) or in a 24 Hour European, or "military," format.

The clock offers an optional Hourly Beep, and Windows 3.1 users also have the option of replacing the regular system beep sound with a multi-media .WAV file sound.   .WAV file choices are limited to those which are already assigned to system events in Control Panel's "Sounds" dialog box.

Note: Although capable of displaying 12 or 24 Hour time, the clock does not support true European formatting (i.e. leading or non-leading zero, alternate separators, etc.).   This is unavoidable since the clock is a custom control that does not have this capability built in.

Current Day/Date

The final readout displays a three letter abbreviation of the current day's name and the current date in the Short Date format (i.e. day/month/year order, separator, leading or non-leading zero, etc.) as it appears in Controls Panel's "International" dialog box

To reformat the display, you must make changes in Control Panel and restart Windows before your changes can take effect.   This is also true of the other readouts that support any type of non-U.S. formatting.

Overview

Introduction to StatusBar

FileBoy's StatusBar 3.0 monitors (from left to right) the percentage of Free GDI or User Resources (toggle), Total Free Memory or Size of the Largest Contiguous Block of Memory (toggle), Number of Current Tasks, Free Space on a Selected Hard Drive; Current Time, and Current Day/Date.   There are a number of new features and greater mouse and keyboard support has been added to this version.

Other Features:

* A Windows Task List in a pop-up message box.

* Floppy disk Total and Available Space info in a pop-up message box.

* Arranges the icons on the desktop.

* 12 or 24 Hour (military) clock display.

* An optional Hourly Beep.   Windows 3.1 users can assign one of a limited selection of .WAV files to be used in place of the system beep.

* Readouts (except the clock) are formatted according to the International section [intl] in your WIN.INI file.

* The color of any part of the window is customizable. 16 colors are available to choose from.

* Automatically saves all user-defined settings in the initialization file common to all FileBoy applications, FILEBOY.INI.

* When minimized, StatusBar's icon caption displays Total Free Memory.

Requirements:

* StatusBar's executable file, STATBAR.EXE, and the help file, STATBAR.HLP, may be placed in any directory you choose, but they must be in the same directory in order to access the help file (the help file is not required for operation).

* The required dynamic link libraries, <u>VBRUN100.DLL and QPRO.DLL</u>, must be located in a directory listed in your DOS path.

* The International options (accessed via Windows' Control Panel) must be set in the manner in which you wish StatusBar's readouts to appear.

* For replacing the system beep (used by the Hourly Beep option) with a .WAV file sound recording, you must have Windows 3.1, and you must have previously assigned .WAV files to system actions via the "Sounds" dialog box in Windows' Control Panel.

* If the initialization file, FILEBOY.INI, does not exist, StatusBar will create it in your Windows directory.   It must remain there in order for StatusBar to access it's stored settings.   If removed, Status bar will simply create another one the next time it is run.

See also: <u>Keyboard</u>

<u>Mouse</u>

Dynamic Link Libraries

If you do not have VBRUN100.DLL, it may be obtained from the MSBASIC forum on Compuserve or from any good BBS.

If QPRO.DLL was not included in your StatusBar package, it may be obtained from Compuserve's WINADV forum in the file FBRUN.ZIP, or by contacting the author.

See the STATBAR.WRI file for details.

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FileBoy's StatusBar 3.0

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