StatusBar 4.1

Contents

Overview

FileBoy's StatusBar 4.1

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

StatusBar 4.1 monitors all or (optionally) any of the following: the percentage of Free GDI or User Resources, Total Free Memory or Size of the Largest Contiguous Block of Memory, Number of Current Tasks, Free Space on a Selected Hard Drive, Current Day/Date, and Current Time.

Features

Requirements

Features

* NEW: A Setup Defaults window for setting StatusBar's primary defaults.   The Setup Defaults window (accessible via the Menu) is automatically displayed the first time that StatusBar is run.   (Note: Color Selection can only be made via accelerator keys.)

* NEW: You may now select which readouts to display via the Setup Defaults window. Non-selected readouts will be hidden.

* NEW: A dropdown menu for accessing miscellaneous functions.

* NEW: Different accelerator key and mouse assignment schemes to accomodate new and/or changed features.

* NEW: Having the Hard Drive Readout enabled at startup is now optional (Off/On).

* NEW: The Floppy Disk Check is now separate from the Hard Drive procedures.   Access is via the Menu.

* NEW: More Hourly Alarm flexibility.   Now Windows 3.1 or Windows with Multimedia Extensions 1.0 users with an appropriate sound card setup may optionally assign any .WAV file to be used in place of the regular system beep.   All users, of course, may turn the alarm off.

* NEW: The Refresh Interval is now configurable.   StatusBar may be set to check resources, memory, task, and hard drive space every 1 to 60 seconds.

* Displays the current Task List in a pop-up message box.

* Arranges the icons on the desktop.

* 12 or 24 Hour clock mode.

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

* The bar and readout colors are selectable. 16 colors are available to choose from.

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

* REMOVED: When minimized, StatusBar's icon caption no longer displays free memory. This feature proved to be of little value and merely added size to the EXE file.

Requirements

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

✻ The required dynamic link libraries, VBRUN100.DLL, QPRO.DLL, COMMDLG.DLL, CMDIALOG.VBX, and THREED.VBX must be located in your Windows "SYSTEM" directory. (Windows users capable of substituting a WAV file for the system beep should already have a copy of COMMDLG.DLL in their SYSTEM directory.)

✻ The International options (accessed via Windows Control Panel) must be set in the manner in which you wish StatusBars readouts to appear.

✻ For replacing the system beep (used by the Hourly Alarm) with a .WAV sound recording, you must have Windows 3.1 or Windows with Multimedia Extensions 1.0 and a sound card (such as the Soundblaster or Pro-Audio Spectrum).

✻ 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.

Setup Defaults

From the Setup Defaults window (accessed from the Menu [F2]) you can set the defaults for StatusBar's display and operation which StatusBar will use at program start-up.   During program operation, the defaults may be overridden at any time by individual <u>accelerator key</u> or <u>mouse</u> actions without permanently affecting their default status.   These defaults are saved to disk when you select "Ok" in the Setup Defaults window.   The only remaining configuration option, Color Selection (accessible only via accelerator keys), is saved to disk at program shutdown according to the colors as they are at that time.

<u>Readout Setup: Visible/Hidden</u>

<u>Hard Drive Setup: On/Off/Select Drive</u>

<u>Hourly Alarm Setup: On/Off/Select .WAV</u>

<u>Refresh Interval Setup</u>

<u>Resources Setup: GDI/User</u>

<u>Memory Setup: Total/Largest Contiguous Block</u>

<u>Clock Mode Setup: 12 Hour/24 Hour</u>

Readout Setup

From the Setup Defaults window you may select which readouts you wish to have visible by checking or unchecking the appropriate radio buttons.   Unselected readouts will be hidden, selected readouts will be visible.   StatusBar's minimum width setting will automatically adjust to any changes made in the default setup.

You must have at least one readout selected as visible.

Hard Drive Setup

From the Setup Defaults window you may select whether or not to monitor hard drive space at startup time by checking the "Enabled at Startup" option button.   If selected, you should also enter the letter of the hard drive you wish to monitor.

If this option is not selected, hard disk monitoring may be enabled temporarily via the accelerator key combination.

See also: Free Hard Drive Space

Mouse

Hourly Alarm Setup

From the Setup Defaults window you may select whether StatusBar will set off an alarm on the hour by checking or unchecking the "Enable Hourly Alarm" option button and select whether the alarm will consist of a WAV sound or the regular system beep by checking or unchecking the "Use WAV Sound" option button.

Selecting the WAV sound to use as the default alarm beep is accomplished by clicking on the "Select WAV" button, which displays a "browse" dialog box for finding the WAV sound file to use. The selected WAV sound file can be played by clicking on the "Test WAV" button.

Only those using Windows 3.1, or Windows with MultiMedia Extensions, and a sound card may use WAV sound files for the Hourly Alarm beep.

Any of the above defaults may be temporarily overridden via accelerator keys.

See also: Current Time/Hourly Alarm

Refresh Interval Setup

From the Setup Defaults window you may select how often StatusBar will update its readouts by moving the "thumb" on the "Refresh Interval" scroll bar.   Settings range from 1 to 60 seconds.

This setting may be temporarily overridden via the <u>accelerator keys</u>.

Resources Setup

From the Setup Defaults window you may select whether StatusBar will monitor GDI or User resources on startup.   Check the appropriate radio button.

This setting may be temporarily overridden via the <u>accelerator keys</u> or by using the <u>mouse</u>.

See also: <u>Resources</u>

Memory Setup

From the Setup Defaults window you may select whether StatusBar will monitor the amount of Total Free Memory or size of the Largest Contiguous Block of Memory on startup.   Check the appropriate radio button.

This setting may be temporarily overridden via the accelerator keys or by using the mouse.

See also: Memory

Clock Mode Setup

From the Setup Defaults window you may select whether StatusBar's clock will display the current time in 12 or 24 hour mode on startup.   Check the appropriate radio button.

This setting initially defaults to the mode found in the "International" section [intl] of your WIN.INI file.

This setting may be temporarily overridden via the accelerator keys.

See also: Current Time/Hourly Alarm

Keyboard

Keyboard Access Index

@ Indicates that the key "toggles" between states.

Help:

Help Contents	F1
Help on Help	Shift + F1
Keyboard QwikHelp	Ctrl + F1

Application Control:

Show Menu	F2
Exit StatusBar	Ctrl + X

Overriding Defaults:

GDI/User Resources @	Alt + R
Total/Block Memory @	Alt + M
Hard Drive Monitor Off/On @	Alt + D
Select Hard Drive	Ctrl + D
Select Refresh Interval	Ctrl + I
Hourly Alarm Off/On @	Alt + B
WAV Sound Usage Off/On @	Alt + W
Select WAV Sound	Ctrl + W
12/24 Hour Clock Mode @	Alt + C

Select Colors:

Readout Text	F3
Readout Background	Shift + F3
Reset Readout Colors	Ctrl + F3
Bar Shadow	F4
Bar Background	Shift + F4
Reset Bar Colors	Ctrl + F4

Movement:

Left of Screen	Home
Right of Screen	End
Top of Screen	Page Up
Bottom of Screen	Page Down

Menu Items

Menu items may be accessed by clicking the "control button" on the left side of the bar or by pressing the accelerator key, F2.   Listed below are the items available on the menu:

Setup Defaults

Minimize

Arrange Icons

Task List

Floppy Check

Help Contents

Help Using Help

Keyboard QwikHelp

Mouse Functions and Usage

Movement:

1. Position the mousepointer over any part of the bar (except the clock, Minimize button, or Exit button).
2. Press down and hold the RIGHT mousebutton.
3. Drag StatusBar to its new screen location by moving the mouse.
4. Release the RIGHT mousebutton.

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: StatusBar has a "minimum width" (the size of which depends on the number of readouts currently visible) to prevent readouts 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.

Overriding Readout Defaults (toggles):

GDI/User Resources	RIGHT mousebutton click on Resources readout.
Total/Block Memory	RIGHT mousebutton click on Memory readout.
Hard Drive Readout Off/On	RIGHT mousebutton click on Hard Drive readout (if you attempt to turn the Hard Drive readout On before selecting a drive to monitor, a "Select Hard Drive" dialog box will appear).

Note: The clocks 12/24 hour toggle is only accessible via the keyboard (or the Setup Defaults window).

Application Control:

Minimize	LEFT or RIGHT mousebutton click on Minimize button (located on the right side of the bar).
Restore	LEFT mousebutton DOUBLE-click on icon.
Exit	LEFT or RIGHT mousebutton DOUBLE click on the "control button" (located on the left side of the bar).

Miscellaneous:

View Task List	RIGHT mouse button click on Tasks readout.

Readouts, Options, and Miscellanea

Resources

Memory

Tasks

Hard Drive

Current Day/Date

Current Time/Hourly Alarm

Refresh Interval

Floppy Disk Check

Arrange Icons

GDI/User Resources

Toggle Resources Readout: Alt + R,   RIGHT Click on Readout, Setup Defaults

The Resources readout can display either the percentage of free GDI resources or the percentage of free User resources.   This readout actually indicates the percentage of the fixed maximum amount of memory available to one of the dynamic link libraries, GDI.EXE or USER.EXE.

GDI.EXE controls most of Windows graphics functions (drawing and painting windows, bitmap display, etc.).   USER.EXE controls a variety of system functions.   The total amount of memory reserved for either 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, usually due to some graphics intensive operation(s).   Under Windows 3.1, fortunately, this is much less of a problem than it was under 3.0.

The default display setup may be overridden via the keyboard or mouse without permanently affecting the default setup.

Total Free Memory/Largest Contiguous Block of Memory

Toggle Memory Readout: Alt + M,   RIGHT Click on Readout, Setup Defaults

The Memory readout displays either the total amount of available memory or the size of the largest contiguous block of memory.   Either type of memory display may include, depending on your systems configuration, the amount of conventional memory, extended memory, expanded memory, and the size of an installed permanent swapfile.   Thus, the readout may indicate an amount of memory vastly greater than the amount of your systems RAM.

The default display setup may be overridden via the keyboard or mouse without permanently affecting the default setup.

Current Task List

Current Task List Access: Menu,   RIGHT Click on Readout

The Current Tasks 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 with the RIGHT mousepointer, 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

Hard Drive Readout Off/On: Alt + D,   RIGHT Click on Readout, Setup Defaults

Select Hard Drive to Monitor: Ctrl + D, Setup Defaults

The Hard Drive readout, if turned "ON," continuously monitors the amount of free space on the selected hard drive.   The free space is displayed in kilobytes, thus, for example, 10,000 K would indicate that there are 10 megabytes of free space available.

The default display setup may be overridden via the keyboard or mouse without permanently affecting the default setup.

Current Day/Date

The Current Day/Date readout displays a three letter abbreviation of the current days 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 Panels International dialog box and in WIN.INI's [intl] section.

To reformat the display, you must make changes through the Windows Control Panel, and you must 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.

Current Time/Hourly Alarm

12/24 Hour Clock Mode Toggle: Alt + C,   Setup Defaults

Hourly Beep Off/On Toggle: Alt + B,   Setup Defaults

WAV Sound Usage Toggle: Alt + W,   Setup Defaults

Select WAV Sound: Ctrl + W,   Setup Defaults

The Current Time 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 or in a 24 Hour format.

The clock offers an optional Hourly Alarm.   Windows 3.1 users, or Windows with Multimedia Extensions 1.0 users, who have a sound card also have the option of replacing the system beep with any .WAV sound for use as the Hourly Alarm..

The default setup may be overridden via the keyboard without permanently affecting the default setup.

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, alternative separators, etc.). This is unavoidable since the clock is a custom control that does not have this capability built in.

Refresh Interval

Keyboard Access: Ctrl + I

The refresh interval determines how often StatusBar checks the system and updates the various readouts.   Valid settings are from 1 to 60 seconds.

The default refresh interval may be overridden via the keyboard without permanently affecting the default setup.

Floppy Disk Check

Floppy Disk Check Access: Menu

Selecting "Floppy Disk Check" from the Menu will display the Floppy Disk Check pop up dialog box.   Enter the letter of a floppy drive and press "Ok"; StatusBar will display the size of the selected disk and its available free space in a pop up message box.

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

Arrange Windows Icons

Arrange Icons: Menu

Selecting "Arrange Icons" from the Menu or pressing the accelerator key combination will arrange the icons on the Windows desktop.

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FileBoy's StatusBar 4.1

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