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About clySmic Software

Clysmic Icon Bar (Clysbar)

*Shareware for Windows
Version 2.10*



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The clySmic Icon Bar (Clysbar) is a Shareware Windows shell/program launcher, in the form of an Icon Bar. Clysbar has many unique features, such as nested vertical or horizontal bars with icon buttons. We've seen other icon bars, and though the idea was good, the implementations left a lot to be desired. So we wrote Clysbar to do everything we'd want an icon bar to do. Clysbar can be a Program Manager replacement, but is not a File Manager replacement.

Our previous versions have received rave reviews: Shareware Magazine's Editor's Choice Award, PC User said "the best program launcher around," and the book Windows Shareware 500 gave Clysbar its top rating: five stars.



PC User, Sept 23, 1992: "Clysmic Icon Bar, the best program launcher around. Simple, elegant and very quick. Programs can be added to the bar using drag and drop, then launched by one or two clicks, and there's good control over appearance, position and so on."



Windows Shareware 500 by John Hedtke, published by Ventana Press, 1993.



Shareware Magazine, March-April 1993: given an Editor's Choice Award by Dr. File Finder



Features


- ☒ Sub-Icon Bars, a.k.a. nested icon bars, so you can have a hierarchical (tree) structure with many more programs than will fit on the screen.
- ☒ The ability to extract icons from .ICO files, Windows .EXE files, DLL files, and .ICL files.
- ☒ Various "aesthetic" customizing options, such as up arrow buttons, colors, which side the bar is on, &c.
- ☒ The time of day (local or GMT) displayed at all times, so a clock program isn't needed.
- ☒ Clysbar provides the shaded 3-D button look, the icons don't have to be specially designed to look like buttons.
- ☒ Configuration via friendly dialogs.
- ☒ You can run programs maximized, normal, minimized, or min-max and specify a working directory and a hot key.
- ☒ Several button sizes are supported.
- ☒ Bar can be shrunk out of the way when needed.
- ☒ Can use single or double-click to run an application.
- ☒ **clySmic Button** gives access to the Options Dialog, which can adjust the icon bar and provide Windows information.
- ☒ Optional keyboard interface.
- ☒ Buttons have **descriptions** displayed in the Info Window (in any available font) instead of the program name.
- ☒ Icon bars can be longer (or wider) than the screen, you scroll the bar up and down with the **PgUp** and **PgDn** keys or by double-clicking near the top or the bottom of the bar.
- ☒ **Hot keys** are supported for all programs: any combination of Shift, Ctrl, Alt and a character can be used. Clysbar has its own hot key whose default is **Ctrl-Alt-C**.
- ☒ Clysbar can ask you for the command-line parameters of a program if you include a parm of **??**.
- ☒ SysInfo Add-In that shows free system resources, free disk space, free memory and other information.
- ☒ Buttons can have **Stone**, **Brick Marble** or **Blue Marble** background textures.
- ☒ Button icons can be **stretched** or **shrunk** when using button sizes other than **Normal**. This can be used to improve appearance on hi-resolution displays, to make big buttons with big icons!, or to squeeze more icons on a screen.

- ✚ Special **Min-Max** run style: runs program minimized, but it maximizes when restored.
- ✚ The bar can be horizontal, as well as vertical.
- ✚ Multirun, which allows you run an entire icon bar of programs with one click.
- ✚ You can use your own icon for the clySmic button.
- ✚ The included icons for Clysbar's icon bars are in a DLL (CLYSICON.DLL).
- ✚ An option to activate the button information windows when the mouse passes over them.



What's New in Version 2.10

- ✚ Uses Microsoft's **3-D** dialog library, CTL3DV2.DLL, which is automatically installed by the Install program if not already present
- ✚ New **Fat Button** mode (set from the Info Window dialog) gives a completely new look to Clysbar: oblong buttons with text *inside* the button itself
- ✚ Users with high-color systems (more than 256 colors) can now pick Clysbar's colors from *any* colors the system supports, up to 16.7 million on 24-bit systems
- ✚ Clysbar Configurator now has help buttons in all dialogs for easier context-sensitive help
- ✚ New **Gradient** button texture (only for video systems with 32K colors and up)
- ✚ New help look, with **outline-style** Table of Contents and 3-D look
- ✚ New program option on program settings dialog: **Run Once, Bring to Top Other Times**. This allows a program to be run only once, clicking the icon bar button for the program a second time brings the running program to the top
- ✚ Window Info dialog now reports whether we're running under the Win16 subsystem of Windows NT, under OS/2, or on a system with Win32s installed
- ✚ New configurator option (**Old-Style Collapse and Close**) to use old-style (pre-2.00) right-mouse-clicks on the Clysbar Button
- ✚ New gauge in SysInfo that monitors the free memory below 1mb, an important Windows system indicator.
- ✚ On Windows for Workgroups systems, network programs added in the configurator automatically use the UNC name, eliminating the need for network drive letters
- ✚ To convert **Program Manager groups**, just drag the .GRP file and drop it on the Clysbar Button, new icon bar(s) will be created (note: the program GroupCvt is still required). We can now convert groups with up to 100 items
- ✚ Digital clock settings for the **time separator, leading zero and 12 v. 24 hour** are all picked up from Windows' international settings (set from the Control Panel)
- ✚ **Run minimized** command improved - now works with MS Mail and full-screen DOS programs
- ✚ Clarified help text for "new add-in" versus "edit existing add-in"
- ✚ **"Flashing windows"** bug fixed, it occurred when SysInfo was on a bar other than Main
- ✚ *All* Drag 'n' Drop Add-Ins now work when installed in bars other than Main
- ✚ Installer adds Moon Add-In button to CLYSBAR.INI *only* if Moon Add-In installed

 New shell program: **ClysbarX**, which calls Clysbar. This fixes a bug that resulted in loss of wavefile sound functions when using Clysbar as the shell





What's New in Version 2.00



Redesigned, easier-to-use, dialog-based program configuration (*NO INI EDITING*)



New Add-Ins: ClysMail (MAPI e-mailer), File Recycler, Moon Phase



Double-Right-Click scrolls the bar if it exceeds the screen



Bug fixes



New, improved QuickAdd dialog when file is dropped on the clySmic Button



Can add new Add-Ins by dropping on clySmic Button



Windows-based Install program



Direct icon bar access: jump to any bar by name or do a search for a program or description



Analog clock option



More buttons per bar and more Add-Ins allowed

(see: Limits)



clySmic Button now shows name of *current* icon bar when Right-Clicked



A transparent info windows option



Whole-button color shading option for bar buttons, as well as striping



Can make or Clysbar the Windows shell and restore the old shell (see: Shell)



Supports Program Manager DDE so install programs can automatically add bars and buttons during installs



clySmic Software is now an Association of Shareware Professionals member



No upgrade fees from older versions



Bar now loads faster and can take less resources, as each bar's information is loaded only when the bar is first accessed



Included Files

Base Product

clysbar.exe	The clySmic Icon Bar program.
cbconfig.exe	The configuration program.
clysbar.ini	The initialization file.
clysbar.hlp	This help file.
catalog.hlp	The clySmic Software product catalog.
clysclok.fon	A LCD-segment font for the clock display.
clysicon.dll	Icon Bar and utility icons, in library format.
clysarow.dll	Up arrow icons, in library format.
clysdial.dll	Analog clock face icons, in library format.
readme.wri	Introductory documentation.

Add-Ins

calend.clb	The "page-a-day" calendar Add-In .
lines.clb	The random lines Add-In.
sysinfo.clb	The system information Add-In.
clysmail.clb	MAPI (Messaging API) E-Mail Add-In.
recycler.clb	Drag 'n' drop file deleter Add-In.



Moon Add-In

moon.clb	Moon's phase, age, rise/south/set, constellation and signe Add-In.
moon.ini	INI file for Moon Add-In.
moon.hlp	Help file for Moon Add-In.



Extra Programs

paper.exe	Wallpaper changer utility.
run.exe	clySmic program runner utility (like Progman's FILE RUN menu choice).
groupcvt.exe	Program Manager Group File Converter.
viewrama.exe	Maximum Window size program, so the bar can always be seen.
vrhook.dll	DLL for use by VIEWRAMA.EXE

The clySmic Button



The topmost button in every icon bar is the "clySmic" button - it either has our logo on it, or it has a digital or analog clock. Clicking this button brings up the Clysbar Options Dialog. Shift-Clicking on the button runs the Configurator. A ctrl-right mouse button click hides all of the icon bar *except* the clySmic button. Another ctrl-right click restores the bar. A ctrl-double-right click on the clySmic button exits Clysbar.



You can also add any program or document (QuickAdd) and Add-Ins (.CLB files) to the bar by drag 'n' dropping their respective files on this button. You can also add a whole Program Manager group as an Icon Bar by dropping the group's .GRP file on the clySmic button (Converting Group Files).

Keyboard Method

Running Programs



To run a program from Clysbar, just click the desired icon button with the mouse. Clysbar can also be configured to require a Double-Click to run.

Keyboard users can move between buttons using the arrow keys and launch a program by pressing the spacebar. A rectangle is drawn on the button with the current keyboard focus.

Info Windows



To see an icon button's program name or description in a Window, click on the icon with the right mouse button. This opens an information window that shows you the program's description (which you can set), or its name and command line. For Add-Ins, the contents of the Info Window are determined by the Add-In. Click again with the right button to close the Info Window.

Clybar can be configured to have the Info Windows open when the mouse is merely moved over the icon button, thereby giving the effect of showing the program information "all the time" without taking up valuable screen space. In this mode, as you move to another button or click on a different program, the Info Window closes. Info Windows can also be configured to open when the icon button is being pressed or to place the Info Window text inside the button.

Keyboard users can open and close the Info Window by pressing the ? key.

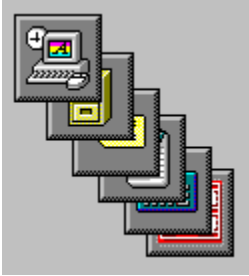
Moving from Bar to Bar



To enter an icon bar, just click on that button. The Main Bar is now replaced by the icon bar you've just entered. There is also an extra button just below the clySmic button. Its the "up arrow" button and takes you up one icon bar level (DOS gurus will recognize it to be like the .. directory entry). You can have many nested sets of icon bars, and go "down" and "up" to get to them. They are a great way to organize related programs (a "Graphics" icon bar, for instance). If a bar has more buttons than fit on the screen, it can be scrolled up and down with the **PgUp** and **PgDn** keys or by **Double-Right-Clicking** near the bottom or top of the bar.

Note that icon bar buttons have a different color or have stripes through them to distinguish them from normal program buttons. This behavior can be configured to give different colors, light, medium or heavy striping, or no striping.

Running a Whole Bar at Once (Multirun)



Multirun allows you run an entire icon bar of programs with one click. This can be used to create "working set" icon bars with groups of programs you use often grouped together.

To use Multirun, Alt-Click on a icon bar button. Clysbar will then ask if you want to run all the programs in that bar. If you answer yes, all the programs will be run.



Drag 'n' Drop of Files onto Buttons

Clyubar allows you to use Windows 3.1's drag and drop protocol. Any program on the bar that accepts a command-line parameter can be run by dropping a file on its button. To do this drag a file from the File Manager over a button and let go. The program on the button is run with the dropped file as the command-line parameter. For example, if you drag and drop the file WIN.INI over the NOTEPAD icon, NOTEPAD is started and the WIN.INI file is loaded.

You can drop files on some Add-Ins (Recycler, for instance). You cannot drop files on icon bar buttons or the up arrow button.

Dropping files on the Clysmic Button



Adding Programs to the Bar via Drag 'n' Drop (QuickAdd)

You can use drag 'n' drop to add programs to the bar by dropping files on the [clySmic button](#), called QuickAdd. These files are added to the bottom of the *current* icon bar, and can be temporary or permanent. When you drop the file, Clysbar will present you with the QuickAdd Program Properties Dialog where you can specify the program's working directory, its description, and the Window Size. You can also specify whether to make the program permanent or not. Permanent additions are written to [CLYSBAR.INI](#), temporary additions exist only until the icon bar is exited or reconfigured.


Add-In files (*.CLB files) can also be dropped onto the clySmic button. They will immediately appear on the bar.

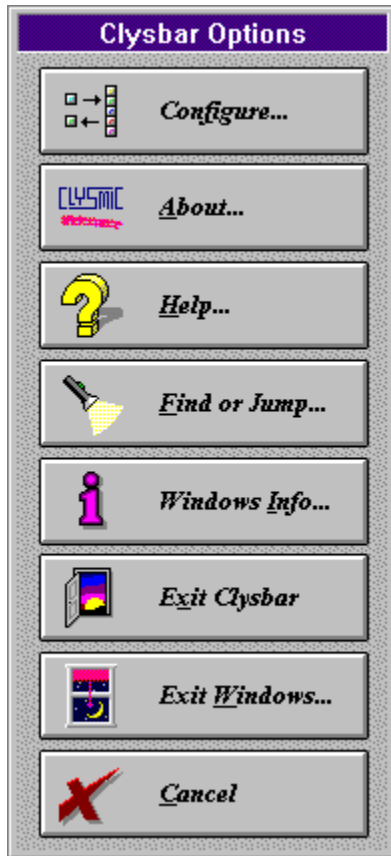
To edit and rearrange programs and Add-Ins, and to add and delete icon bars, use the [configurator](#).

QuickAdd Technical Note

When QuickAdd-ing a DOS program, Clysbar used to place a 65534 in the icon number field of the added button. This has been changed to an entry referencing the first icon in CLYSICON.DLL. The older syntax is still supported, so existing INI files will load correctly. In all cases these gyrations are performed in order to give a "generic" DOS icon to DOS programs QuickAdd-ed to the icon bar.

The Clysbar Options Dialog

From this dialog, you can configure Clysbar, find out which version of Clysbar and its Add-Ins is running, find programs, see an outline view of all your bars, and display Windows information. Click on a button hotspot  for more information...



About

Opens the About box, with information on clySmic Software and the version number of Clysbar. Press **Ok** to exit the about box.

The **About Add-Ins** button will display About Boxes for all currently loaded Add-Ins. Since Add-Ins for Clysbar can be written by third parties, this choice gives each running Add-In a chance to display its "About" information.

Cancel

Exits the Options Dialog and returns you to the icon bar.

Exit Clysbar

Exits Clysbar. If Clysbar is the Windows shell, the options for leaving Windows are presented as if Exit Windows was selected.

Help

Brings up this Help system!

Windows Info



Displays the versions of Windows and DOS that are running. Also reports whether we're running under the Win16 subsystem of Windows NT, under OS/2, or on a system with Win32s installed. Displays the percentage of Free System Resources, the amount of free memory, and the free disk space on the current disk drive.

Similar to the **Help | About** box in Program Manager.


Exit Windows

Clysbar gives you several ways to exit the Windows environment:

 **Ok** - Exits Windows back to DOS

 **Cancel** - Cancels the exit

 **Restart** - Exits Windows and then restarts it

 **Reboot** - Exits Windows and then reboots the computer

Find or Jump

The Find or Jump dialog can be used in two ways:



Jump to an Icon Bar



This lists all the icon bars in an **outline** format. The further a bar name is indented, the more deeply nested it is. Double-Click on any bar name to go directly to that bar. This is a useful option for deeply nested bars.



Find Program Name or Info Window Text

Paintbrush Classic

If you've ever "lost" a program in Program Manager (or Clysbar), you'll appreciate this option. You type in the text to search for, program names and descriptions are searched, and if the program is found, you'll have the option to jump directly to that icon bar.

Clysbar as the Windows Shell



The shell is the Windows program that first runs when you start Windows. Its normally the Program Manager. Clysbar can replace the Program Manager and be Windows' main program runner. To make Clysbar the Windows shell, go to the Configurator, then press the Become Shell button. The actual shell program is ClysbarX, which calls Clysbar when the system starts.

Processing WIN.INI's Load= and Run= Lines
Startup Icon Bar

Processing WIN.INI's Load= and Run= Lines

Clyubar will execute whatever you have on your **Load=** and **Run=** lines in WIN.INI. There is one enhancement: if you want to run a program with a command-line parameter, such as

```
NOTEPAD MYFILE.TXT
```

you can replace the space between the command and the parm in the load or run line with an octothorpe (#). For example:

```
load=NOTEPAD#MYFILE.TXT WINFILE
```

loads NOTEPAD with the file MYFILE.TXT and the File Manager, both as icons.

Startup Icon Bar

The Startup Icon Bar



If Clysbar is the shell it will also process any icon bar with the name Startup when Windows is starting up. The programs in that bar (if any) will be loaded in a top-to-bottom order. Clysbar ships with an empty Startup bar (beneath the Sys Config bar). You can quickly add entries to it by using QuickAdd, or by editing the INI file.

To override all Startup bar processing, hold down the **Shift** key while starting up Windows. You can release the key when Clysbar beeps.

Processing of WIN.INI's Load= and Run= Lines

Add-Ins



Add-Ins are programs that run *within the bar* to provide special functions. They can show real-time information about your system (or the moon!), or receive drag 'n' drops and perform functions. Several Add-Ins are provided with Clysbar:

[Calend](#)

[SysInfo](#)

[Lines](#)

[ClysMail](#)

[Recycler](#)

[Moon Phase](#)

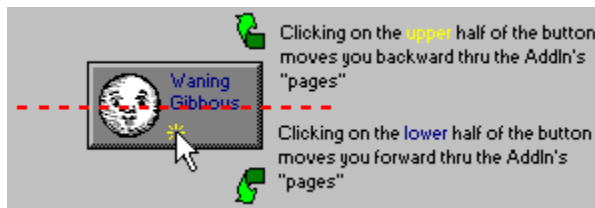


Moon Add-In Help is available only if the Moon Add-In is installed.



Moon Add-In Help can also be accessed by Shift or Ctrl-Clicking on the Moon Add-In button.

Some Add-Ins are "multipage," that is, they can display more than one button's worth of information. To page backward, click on the upper half of the Add-In, to page forward click on the lower half.



The included multipage Add-Ins are SysInfo and Moon Phase.

Writing Your Own Add-Ins

Calend Add-In



The **Calend** Add-In shows a calendar with the date and day of the week. If you click Calend's button, it will toggle between showing the **day of the week** and the **year** at the bottom of the calendar page. A right click on Calend will display the full date in text format.

SysInfo Add-In



SysInfo is a multipage Add-In and displays several pieces of system information...



Free System Resources, in a "gas gauge" bar graph format.



Free space on all the non-removable drives in your system in a "gas gauge" bar graph format - click to see the next drive.



Free memory below 1 megabyte. This is an important measure in a Windows system; if all the memory below 1mb is exhausted, no programs can be run.



Total free memory.



Video system information: the display resolution and number of colors.



Miscellaneous information: CPU type, Windows mode, and the math coprocessor status.



SysInfo remembers which information you displayed last and starts by displaying that information. SysInfo creates and uses SYSINFO.INI.

Lines Add-In



The Lines Add-In simply draws random lines - when clicked on, it toggles between unconnected and connected lines, and randomly selects a line thickness.

ClysMail Add-In



ClysMail is a drag 'n' drop MAPI electronic mail Add-In. To use it, drag a file from File Manager and drop it on ClysMail. You will be logged into your mail system (if you are not already logged in) and the dropped file will be attached to an e-mail message. You can then add text, send the message, or cancel the message. You can also click on ClysMail, which will bring up the "compose a note" mail dialog.

See your e-mail product's manuals for more information on addressing and sending messages.



N.B.: This Add-In only works with systems that have a MAPI (Messaging Application Programming Interface) electronic mail system installed. This includes Windows for Workgroups, Microsoft Mail for Windows, and Microsoft Mail Remote for Windows.

Recycler Add-In



The **Recycler** Add-In recycles the disk space of any files dropped on it; in other words, its the ubiquitous drag 'n' drop trashcan in another guise! Multiple files can be dropped onto the icon. Recycler errs on the side of safety, and asks you whether you want to delete each file.



For Windows programmers, the **Clysbar Add-In Software Development Kit** is included on the install disk - just check the **Install Add-In SDK** check box. Install will place the SDK in a directory called **SDK** below your Clysbar directory. Documentation for the SDK is in the file CBSDK.WRI.



Summary of Mouse Operations

Running Programs

Navigation

Cly sbar Program Control



Program Running Mouse Operations



A **Left-Click** or **Double-Left-Click** (depending on how the bar is configured) on a button runs the program for that button. The same click on an Add-In performs an action specific to each Add-In.



A **Shift-Left-Click** on a program button runs a program minimized (like Program Manager).



A **Ctrl-Left-Click** on a program button runs a program maximized.



An **Alt-Left-Click** on a icon bar button Multiruns (runs all the programs in) that icon bar.



Navigation Mouse Operations



A **Ctrl or Shift-Click** on an up arrow button goes directly to the Main icon bar, even if you are several bars (levels) down.



A **Shift-Click** on a icon bar button temporarily overrides the Main-On-Run feature while you are in that icon bar.



A **Double-Right-Click** near the top or bottom of the screen with a bar that's longer than the screen, scrolls the bar in that direction. So to see buttons on a bar that extends off the bottom of the screen, Double-Right-Click on the button near the bottom of the screen.



Program Control Mouse Operations



A **Left-Click** on the Clysmic Button opens the Clysbar Options dialog.



A **Shift-Left-Click** on the clySmic button enters the Configurator.



A **Right-Click** on the Clysmic Button shows the name of the current icon bar.



A **Right-Click** on any other button shows that button's info window text.



A **Ctrl-Right-Click** on the Clysmic Button collapses or reopens Clysbar.



A **Ctrl-Double-Right-Click** on the Clysmic Button closes Clysbar.



Dragging and dropping a program on the clySmic button QuickAdds that program to the bottom of the current icon bar.



Summary of Keyboard Operations

Running Programs

Navigation

Clyubar Program Control



Program Running Keyboard Operations



Space or **Enter** on a program button runs the program for that button. The same key on an Add-In performs an action specific to each Add-In.



Shift-Space on a program button runs a program minimized (like Program Manager).



Ctrl-Space on a program button runs a program maximized.



Alt-Space on a icon bar button Multiruns (runs all the programs in) that icon bar.



Navigation Keyboard Operations



The **Up**, **Down**, **Left**, and **Right** arrow keys move the keyboard highlight from button to button.



The **PgUp** and **PgDn** buttons scroll the icon bar if its longer than the screen.



The **Home** and **End** keys move to the beginning and end of the current bar, scrolling the bar if necessary.



Ctrl or Shift-Space on an up arrow button goes directly to the Main icon bar, even if you are several bars (levels) down.



Shift-Space on a icon bar button temporarily overrides the Main-On-Run feature while you are in that icon bar.



Program Control Keyboard Operations



A **Space** on the Clysmic Button opens the Clysbar Options dialog.



A **Shift-Space** on the clySmic button enters the Configurator.



A **?** on the Clysmic Button shows the name of the current icon bar.



A **?** on any other button shows that button's info window text.

Program Runner Program (Run)



Run allows you to browse and run any program (similar to Progman's File | Run menu choice).

When you start run, you can browse through your disk directories and run any executable file. You can also type a filename into the program name box (this will search the path, if needed). Click on the arrow to the right of the program name box to choose from a history list of the last 35 programs you've run.

To see different kinds of files, you can use the "List Files of Type" combo box. Non-program files like *.TXT files *can* be "run" if they have an association (created by the File Manager).

The history list is stored in the file RUN.HST.

Wallpaper Changer Program (Paper)



Paper allows you to easily change the Windows wallpaper. Just click on the Paper button and Paper brings up a dialog box of .BMP files. Select one and it becomes your wallpaper. As you click on (or scroll through) the list of .BMP files, Paper "previews" each one by loading it as the wallpaper temporarily. If you click Cancel, your previous wallpaper is restored. To select a file, click Ok. This mimics the behavior of some wallpaper selectors in other operating systems, which show you each file as you scroll by it. You can also drag a .BMP file from the File Manager onto the Paper Button and it will load that file as the wallpaper.

If you run Paper minimized (by holding down the Shift key and clicking its button) it will toggle the wallpaper mode between centered and tiled.



If you try to preview or load wallpaper that has more colors than your current video drivers, you will receive a warning from Paper. This is because loading TrueColor (24-bit) wallpaper on 256-color systems can hang the wallpaper program and cause video problems until Windows is restarted. If you wish to disable this warning, add `Warning=0` to the `[Config]` section of PAPER.INI.

Program Manager DDE

Clysbar mimics Program Manager's Dynamic Data Exchange during program installs when Clysbar is the system shell. Where install/setup programs would normally create a new Group and fill it with files, with Clysbar as the shell a new icon bar is created at the bottom of the Main icon bar and filled with icons.

Due to the many strange ways in which install/setup programs work, *not all install/setup programs will work correctly at this time.*



You can change Clysbar's Progman DDE behavior by editing the `[Config]` section of CLYSBAR.INI. Create an entry called `ProgmanDDE=x`, where x can be:




- 0* *ignore Progman DDE (the default),*
- 1* *perform Progman DDE,*
- 2* *perform Progman DDE and write a log file (CLYSDDE.LOG).*

The default is 0, do *not* perform DDE.



Troubleshooting Problems

If you have problems running Clysbar, here are some troubleshooting tips:

-  Try using light gray for the button color. This uses less fancy methods of shading the buttons and can help when using a third-party video driver. Also make sure you have the latest Windows 3.1 video drivers for your video card.
-  Try dropping back to the standard, Microsoft-supplied VGA video driver. Sometimes third-party video drivers can be a source of problems.
-  Remove any unneeded TSRs and drivers from your CONFIG.SYS and AUTOEXEC.BAT. There may be one driver causing a problem.



Other Operating Systems

Clysbar is *not* guaranteed to run on Operating Systems besides Windows 3.1/MS-DOS.



Win32s

Clysbar runs fine with the Win32s extensions for Windows 3.1. With Win32s installed, 32-bit programs can be added and run from Clysbar, their icons displaying correctly.



OS/2

Clysbar works with OS/2 2.1, but it cannot be the system shell. It does *not* run under OS/2 2.0.



Windows NT

Clysbar works with the production release of Windows NT 3.1, but it cannot be the system shell. NT currently ignores the Working Directory entry of non-NT programs.



Clyubar Error Messages

Can't Add Any More Applications to Icon Bar: x

Can't Add Any More Items to Icon Bar: x

Can't Create New Icon Bar x

Can't Load Add-In

Can't Run Config Program

Cannot Add any More Add-Ins

Cannot Process the Load Line in WIN.INI

Cannot Process the Run Line in WIN.INI

Corrected Button Class Double-Click Error

File Not a Windows EXE, DLL or Icon File

Icon Bar [x] Points Back to Icon Bar [y] in INI File - Endless Loop!

Icon Bar Must be Run Under Windows 3.1 or Greater

Icon File 'x' Not Found or No Icons In File

Icon Number out of Range in 'x' - File Has 'y' Icons

No Timers Available

Timer Error Resetting Timers

Too Many Add-Ins Specified

Too Many Applications in Icon Bar: x

Too Many Icon Bars

x is For an Earlier Version of Clyubar. Please Obtain an Updated Copy of the Add-In

x's Hot Key (y) is Not a Valid Hot Key

x's Hot Key (y) Needs to Contain at Least Two "Shift Keys" (Ctrl-, Alt-, or Shift-)

Can't Add Any More Applications [or Items] to Icon Bar: x - You attempted to QuickAdd a program or Add-In to a full icon bar. Try adding the item to a less-full icon bar (see [Limits](#)).

Can't Create New Icon Bar x - During an program install, a new icon bar was to be created, but there is no more room for any new icon bars (see [Limits](#)).

Cannot Process the Load Line in WIN.INI - the load= line in WIN.INI was somehow not found. WIN.INI may be corrupted.

Cannot Process the Run Line in WIN.INI - the run= line in WIN.INI was somehow not found. WIN.INI may be corrupted.

Corrected Button Class Double-Click Error - some programs disable the Double-Click behavior of buttons (accidentally, we presume). Clysbar checks for this when you click the right mouse button over Clysbar and displays this message as the problem is corrected. This problem could have caused users of Clysbar who preferred to Double-Click buttons to not be able to start programs.

Can't Load Add-In- The Add-In wasn't able to be loaded, probably the file specified wasn't found.

Too Many Add-Ins Specified or **Cannot Add any More Add-Ins** - You can only specify six Add-Ins at once in Clysbar (see [Limits](#)).

File Not a Windows EXE, DLL or Icon File - The file you've specified as the file to get the icon from isn't the correct type of file. It must be a Windows executable, a Windows DLL, or a Windows icon file.

clySmic Icon Bar Must be Run Under Windows 3.1 or Greater - Clysbar must run under Windows 3.1 or a later release.

Icon Number out of Range in 'x' - File Has 'y' Icons - The icon number you've requested was greater than the total number of icons in the file.

Icon File 'x' Not Found or No Icons in File - Clysbar either cannot find the icon file specified or it found the file but there weren't any icons in it.

No Timers Available - You are using the maximum number of Windows timers. Close another program that uses timers and restart Clysbar.

x is For an Earlier Version of Clysbar. Please Obtain an Updated Copy of the Add-In - The indicated Add-In was written for a different version of Clysbar than the one you're running. Either obtain a up-to-date version of the Add-In or discontinue using it.

Can't Run Config Program - there was a system problem loading the configuration program. Make sure CBCONFIG.EXE is still in the directory that CLYSBAR.EXE is in. Also, try shutting down and restarting Windows.

Too Many Applications in Icon Bar: x - You can only have up to 20 applications per icon bar. Create a new icon bar and place programs there (see [Limits](#)).

Too Many Icon Bars - You can have up to 30 icon bars, you've exceeded that limit (see [Limits](#)).

Icon Bar [x] Points Back to Icon Bar [y] in INI File - Endless Loop! - In the definition of icon bar x, there is a reference to icon bar y, which was already processed. This "circular" reference is not allowed and Clysbar is terminated. You must edit the INI file and remove the circular reference.

x's Hot Key (y) Needs to Contain at Least Two "Shift Keys" (Ctrl-, Alt-, or Shift-) - You cannot make a hot key out of, for instance, Ctrl-A. A hot key needs two modifiers, e.g. Ctrl-Shift-A or Ctrl-Alt-A.

Limits

Clysbar can have up to **20** buttons per bar, and up to **30** total bars, nested in any fashion. There can be up to **6** Add-Ins loaded at once.



Possible Windows Errors When Trying to Run a Program

System Out of Memory or Corrupt Executable
File Not Found
Path Not Found
Dynamic Link to Task or Network Problem
Library Data Segment Error
Not Enough Memory to Start App
Incorrect Windows Version
Invalid Executable File
Application Designed for OS/2
Application Designed for DOS 4.0
Unknown Executable File Type
Real Mode Application
Writable Data Segment Error
Compressed Executable File
Dynamic Link-Library Invalid or Corrupt
Application Requires Windows 32-bit Extensions (Win32)
Share Error
Association Incomplete
Dynamic Data Exchange Timeout
Dynamic Data Exchange Failure
Dynamic Data Exchange Busy
No Association for File
Unknown Error (x)

Converting Program Manager Groups



Program Manager group files (.GRP) can be converted into Icon Bars by using the **Group Convert** utility. To use, drop a Program Manager group (.GRP) file on the Clysmic Button. The group will be converted and the bar will be restarted. You can then edit the bar and change its "generic" bar icon.

You can also start Group Convert (GROUPOCVT.EXE) stand-alone, and then drag and drop group files onto its icon. It will convert each group and add it as a bar button at the bottom of the Main bar (you may need to scroll to see the button). When Group Convert closes it will convert the Program Manager group(s) and restart the Icon Bar.



Group Convert will change certain group names: *Main* becomes *PM Main*, *Colors* becomes *Colors 2*, *Config* becomes *Config 2*, *Registration* becomes *Registration 2*.

View-o-Rama



View-o-Rama reduces the "maximized" size of all windows in the system, so you can see the clySmic Icon Bar while programs are maximized. This works well in combination with the Always On Top configuration option. This utility is located in the Sys Config Bar of the default CLYSBAR.INI. To use, just start the View-o-Rama program. Click on the program's icon to hide the icon, if desired. If you hide the icon, the program will also be hidden the next time its run. In order to see it again, try to run it again. The icon will be unhidden.

This program can be placed in the Startup icon bar in order to have it running all the time.



General Registration Information (and Legal Stuff)

Clysbar is copyright 1992 - 1994 by clySmic Software (say "Cliz-Mik"). All rights reserved.

Clysbar is released as Shareware. After a thirty day trial period, you *must* register Clysbar or discontinue using it.

Legal Disclaimer and Agreement



To order either:



Send \$24.95 in cash, check or money order to clySmic Software at the address listed in the Order Form.



Register via the CompuServe on-line service. Please note that no diskettes will be shipped for CompuServe orders.



Register via MasterCard, Visa, Amex, or Discover from the Public (software) Library. PsL orders will be \$24.95 plus a \$5 shipping and handling charge.

For quantity orders or site licenses, please contact clySmic directly for more details and volume discounts. Site licenses will be allowed to have the company name as the "user name."



You will receive by mail a ***user ID number which will eliminate the reminder messages***, and the latest version of the product. CompuServe registerees will receive only the user ID number by CompuServe Mail (the latest copy of Clysbar will be available on CompuServe's Windows Shareware Forum - *GO WINSHARE*).



Please Make Checks or Money Orders Payable to Ralph B Smith Jr - All Checks Made Out to clySmic Software Will Be Returned!

Registering Clysbar via Credit Card



Clysbar can be ordered via MasterCard, Visa, American Express, or Discover from the **Public (software) Library** by calling 1-800/2424-PsL or 1-713/524-6394, by fax to 1-713/524-6398, or by CompuServe e-mail to 71355,470. These numbers are for *orders only*. PsL orders will be \$24.95 plus a \$5 shipping and handling charge. Clysbar is product no. **10683**.

To insure that you get the latest version, PsL will notify us the day of your order and we will ship the product directly to you. Any questions about the status of the shipment of the order, refunds, registration options, product details, technical support, volume discounts, dealer pricing, site licenses, &c., *must* be directed to clySmic Software.

You can also mail credit card orders to PsL at P.O.Box 35705, Houston, TX 77235-5705.

General Registration Info

Registering Clysbar via CompuServe



Clysbar can be registered via the CompuServe on-line service. Sign on to CompuServe and type *GO SWREG* for more details. Clysbar is registered program ID number **31**, and the title is **CLYSMIC ICON BAR**. The cost is charged to your CompuServe account.

The latest version of Clysbar can be found (among other places) on CompuServe, in the Windows Shareware Forum (*GO WINSHARE*).

General Registration Info



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*clySmic Software is a member of the
Association of Shareware Professionals*



clySmic World Headquarters



Configuring Clysbar

Configuring consists of setting options, such as colors, orientation of the bar, and what kind of clock to display, as well as editing the list of programs and bars. This configuration help is context-sensitive, so you can press the help button or **F1** within any configuration dialog to see help for that dialog.



General Settings General Settings



Buttons

Programs... *Add, change, and delete programs and icon bars*

Buttons... *Button size, color, texture, and "up button" look*

Clock... *Type of clock, clock faces and fonts, GMT or not*

Info Windows... *Look, color and font of the info windows*

Bar Position... *Orientation of the bar; which side its on*

Registration *Registration information*

Backup INI *Backup the CLYSBAR.INI file*

Become Shell/

Previous Shell *Make / unmake Clysbar the Windows shell*

Ok

Cancel



Obscure Configuration Items

General Settings



Default Icon Directory



The default directory to load icons from, including .ICO and icon .DLL files. If not specified, the directory Clysbar is run from is used.



Return to Main Bar on Run



Returns to the Main icon bar whenever a program is run.



Use Keyboard Interface



Allows operation of Clysbar using the keyboard. When active, a keyboard highlight is displayed on the "current" button, its color is selectable by the Keyboard Highlight Color box. See also: [Summary of Keyboard Operations](#)



Always On Top



When selected this makes the icon bar appear on top of all other windows at all times.



Old-Style Collapse and Close

When checked, we use old-style (pre-2.00) right-mouse-clicks on Clysbar Button: Right-Click shrinks bar, double Right-Click closes Clysbar. When unchecked, Right-Click shows the name of the current bar, Ctrl-Right-Click shrinks bar, and double Ctrl-Right-Click closes bar.



Extended Error Reporting



Reports all problems with programs and their icons as Clysbar is starting.



Keyboard Highlight Color

Allows selection of the keyboard highlight that appears on buttons. A special color is "focus line", which draws a dotted outline.



Action To Run

Choose a single-click (button-like), or a double-click (Program Manager-like) to run a program or enter an icon bar.

Obscure Configuration Items

The following options can only be changed by directly editing the [CLYSBAR.INI](#) file:

[Changing the clySmic Button Icon](#)

[Changing Clysbar's Own Hot Key](#)

[Not using UNC names on WFWG Machines](#)



Programs & Icon Bars: Add, Change, Delete



Here is where you add, edit, and delete programs, icon bars, and Add-Ins. The name of the icon bar you are currently editing appears as the window title, and the bar's icon is shown between the two arrow buttons.



Program and Bar List

This displays the programs, icon bars, and Add-Ins in the current icon bar. The Main Icon Bar is always the initially-displayed bar. To edit other bars, see below.



Up and Down Arrow Buttons



The down arrow button moves you down one level into the icon bar currently selected in the program/bar list. The up arrow moves you back up one level the bar "tree" until you reach the top, the Main Icon Bar.



New Program



Inserts a new program *above* the current selection in the program/bar list. Brings up an edit program dialog.



New Icon Bar



Inserts a new icon bar *above* the current selection in the program/bar list. Brings up an edit icon bar dialog.



New Add-In



Inserts a new Add-In *above* the current selection in the program/bar list. Brings up a new Add-In dialog.



Edit Item



Allows you to edit the currently selected item in the program/bar list.

Editing Programs

Editing Icon Bars

Editing Add-Ins



Cut and Paste



Cut cuts the currently selected item in the program/bar list. If this item is an icon bar, all the programs and icon bars below it are cut also. **Paste** inserts the item last cut into the current icon bar *above* the current selection in the program/bar list.



Shortcuts


Double-clicking a program name edits it. Double-clicking an icon bar name goes down into that icon bar. Double-clicking an Add-In opens that Add-In's INI file, if any.



Editing Programs



Program Name

Enter the program you wish to run (*.exe, *.com, *.bat, *.pif),  or a file with an association (*.txt, *.wri, many others). You can use the Browse button on the right to select a program without typing. You can specify a command-line parameter with your program, just place a space after the program name and add the parameter, for example: `NOTEPAD WIN.INI`. You can also use a command-line parameter of `??`, which will cause Clysbar to prompt you for the parameter when the program is run, for example: `NOTEPAD ??`.



Window Size



Select the way you want the program's window to appear when run. The choices are:



Normal, the default.



Max, which runs the program maximized (as large as it can be run).



Min, which runs the program minimized (as an icon at the bottom of the screen).



Min-Max, which runs the program minimized; but when the program is restored (by double-clicking its icon or selecting restore from the icon's menu) it becomes maximized.

Note that some programs may ignore the value of this field.



Description

The description is the phrase you wish to appear in the [Info Window](#) for this program button. It can be any descriptive phrase you wish. Clysbar prefills the field with the program name.



Icon File

The Icon File is the file which contains an icon or icons that you wish to appear on the program's button. It can be an .ICO file, which contains one icon, a Windows .EXE file, which can contain multiple icons, or a .DLL file, which can also contain multiple icons. Clysbar prefills the field with the program name if the program is a Windows program. If its an associated file, the associated program's file is used. If its a DOS program, the DOS icon from CLYSICON.DLL is used. You can select any icon-bearing file for this field. To select an icon file without typing, use the Browse button to the right. To pick which icon from a file is used, see the next field.



Icon

Displays a drop-down list of all the icons in the selected icon file. Click the down arrow to see the list, use the scroll bar to scroll through the list, and click on an icon to pick the icon you wish to use.





Working Directory

This is the directory that will be switched to when the program is run. The default is the directory where the program file is located.



Hot Key



This is the hot key to assign to the program. Pressing this key combination when the program is running brings the program to the foreground of the screen. While you are in this field, press the key combination you wish to use. It will be displayed in the edit box.

A hot key is composed of *two* "shift" type keys (Ctrl, Alt, or Shift) plus an alphabet key. It is written separated by dashes (-). For example Ctrl-Alt-Z is a valid hot key. The default value of this field is no hot key.



Run Once, Bring to Top Other Times

Checking this allows a program to be run *only once* - clicking the icon bar button for the program a second time (or more) brings the running program to the top. If unchecked, programs are launched normally, i.e. as many times as the program itself allows.

For example, you can run Notepad as many times as you want, but File Manager *itself* only allows one copy of itself to run at a time. If you check this box for the Notepad program, you can only run Notepad once (via Clysbar).



Browse Buttons



These buttons bring up common dialog boxes for selecting programs or icon files.

Editing Icon Bars




Icon Bar Name



This is the name of the icon bar you want to create or edit.




Icon Bar Icon File

The Icon File is the file which contains an icon or icons that you  wish to appear on the icon bar's button. It can be an .ICO file, which contains one icon, a Windows .EXE file, which can contain multiple icons, or a .DLL file, which can also contain multiple icons. You can select any icon-bearing file for this field. To select an icon file without typing, use the Browse button or the ClysIcon button. To pick which icon from a file is used, see the next field.



Icon

Displays a drop-down list of all the icons in the selected  icon file. Click the down arrow to see the list, use the scroll bar to scroll through the list, and click on an icon to pick the icon you wish to use.



Browse Button



This button brings up a common dialog box for selecting icon files.



Clysicon Button

This button loads the CLYSICON.DLL file and displays its icons. CLYSICON.DLL contains icons especially designed for icon bar buttons.

New Add-In



New Add-In Bar Name

This is the name of the Add-In file (*.CLB) you wish to use.



Browse Button



This button brings up a common dialog box for selecting Add-In files.

Editing Add-Ins



Since third-parties can write Add-Ins for Clysbar, Add-Ins are configured by opening an editing window to edit the Add-In's INI file, if any. If there is no INI file, you'll be asked whether to create one. Not all Add-Ins need INI files.

While in the editor, you may **Cancel** to exit without saving, or **Save** to exit and save any changes.



Button Settings



Button Size



You can choose any size you like from the list - sizes below **Normal** are very small, but you can get more buttons on a bar. Sizes larger than Normal allow for less buttons, but are more easily seen.

Auto is recommended and adjusts the button sizes to match differing screen sizes, from VGA through SuperVGA to 1024x768 and beyond.

***N.B.:** Gigantic buttons are exactly 2 times Normal, and look good with the stretch icons option selected.*



Stretch Icons to Fit Buttons



Selecting this choice will allow Clysbar to scale your icons. For sizes larger than normal, the icon is enlarged to follow the button size, for sizes smaller than Normal, the icon is shrunk. If this choice is not selected, the icon size remains constant no matter what the button size. This option has no effect if the button size is Normal.

If stretched icons are selected, there will be some distortion of the icon image. For the larger sizes, this can be minimized by using the Gigantic button size which generates a 2x icon. Note that button textures do not work with stretch icons.



Icon Bar Button Shading

Selects shading to identify buttons that represent icon bars, rather than programs. You can select **Light**, **Medium**, or **Heavy** stripes, coloring the **Whole Button**, or **None**.



Up Button Style



Choose from a variety of "go up one icon bar" buttons. These are displayed whenever you're in an icon bar that is below Main, the topmost icon bar. They take you back up one level to the parent icon bar of the current icon bar.



Button Texture



You can select a button background "texture." The available textures are stone, marble, blue marble, brick and gray

gradient. Textures do not work with the stretch icons option enabled. The gray gradient texture is only available on systems with 32K or more color video drivers.



Setting Colors



Clock Settings



Display a Clock

Turns the clock display in the [clySmic button](#) on or off.



Use Analog Clock

Checking this displays an analog (old-fashioned, with hands!) clock. Unchecking it displays a digital clock. When this box is checked, you may select the clock face from the **Analog Dial** list. When this box is unchecked, you may select the font of the digital clock by pressing the **Font** button.



Setting Colors



Display Greenwich Mean Time



Toggles between showing local time and [Greenwich Mean Time \(GMT\)](#).



Number of Hours East of Greenwich

Enter the number of hours East of Greenwich your local time zone lies, in order to calculate [Greenwich Mean Time \(GMT\)](#). Note: you must compensate for Daylight Savings Time (Summer Time) manually.

So if you're on the East coast of the U.S., you would use -5 when Eastern Standard Time is in effect (winter), and -4 when Eastern Daylight Time is in effect (summer).

If you are *East* of Greenwich England, you enter the hours as a positive number, if *West*, a negative number.

N.B.: using negative numbers for West of Greenwich represents a change from the pre-2.00 versions of Clysbar, and is more in keeping with world standards.

Time Zones of the World



Info Windows




Fat Buttons (with text inside)



When this option is checked, we use *Fat Buttons*: the button size is doubled horizontally, and the Info Window text is placed *inside* the button, and is visible at all times. Selecting this disables most of the options below.



Info Window Opens On

This option controls 

how Info Windows are opened and closed. If you select *Right Button Click Only*, the way to see an icon button's description is to click once on the icon button with the right mouse button. Right-click again to close the Info Window.

If you select *Icon Button Press* the Info Window will display whenever you press and hold the left mouse button over the icon button. This allows you to see the description as you are selecting that button.

The third choice, *Mouse Passing Over*, opens an Info Window when the mouse is moved over the icon button in question. This allows you to see the program names or descriptions at all times without clicking on any buttons.

Note that the right-click method is available in all modes, and keyboard users can use the ? key to open and close an Info Window.



Transparent Info Windows

When checked, the Info Windows are displayed "floating" on the desktop. When unchecked, the Info Windows have a 3D frame the same color as the bar's icon buttons.



Uppercase Info Window Text

This option folds all Info Window text to uppercase. Perfect for fonts that don't have lowercase characters.



Font

Allows you to select the font the Info Window text is displayed in.



Show Hot Keys in Info Window



When this box is checked, any hot keys assigned to the icon button's program will be added to the Info Window in parenthesis:



When unchecked, hot keys still work, but are not shown:





Setting Colors



Bar Position



Orientation

You can choose which orientation the icon bar has: **vertical** down a side , or **horizontal** across the top of the screen.



Location

Your choice of the **left** side or the **right** side of the screen.



Distances

To fine-tune the position of the bar from the edges of the screen, there are controls to specify x and y offsets from the top and sides of the screen (in pixels). These are used to place a "margin" around the icon bar.



Setting Colors

To select a color, simply click on the down arrow to the right of the color box, and select the color from the list of colors shown. For the keyboard highlight color, there is an extra selection: "focus line." This shows a dotted outline rather than a color for the keyboard focus rectangle.



Setting Advanced Colors

By clicking the above "..." box next to a color selection box, you can open up a Windows common dialog color picker. This allows you to choose any color your system can display. This option is primarily intended for users with systems capable of displaying more than 256 colors (usually 32K colors, 64K colors, or 16.7 million, 24-bit "TrueColor"), they will see all the colors as "solid", not dithered. They can create buttons of any shade in the rainbow. Users of 256 or 16-color systems will be only able to create buttons with dithered color patterns - sometimes this looks good, but not always.

You can save your favorite combinations in the "custom colors" section of the dialog. Clysbar stores these in the file CUSTCOLR.DAT.



Registration

Pressing the registration button opens a dialog to enter registration information. This information is obtained from clySmic Software after payment of the registration fee. This eliminates the "reminder" dialog.

Only personal names will be accepted for registration: no handles, and no company names (contact clySmic Software for information on volume discounts and/or site licenses).

How to Register



Backup INI

Pressing the Backup INI Button makes a backup copy of your CLYSBAR.INI file, called CLYSBAR.BAK.



Become Shell / Previous Shell

Pressing the **Become Shell** button makes Clysbar the default Windows shell, replacing the Program Manger when you start Windows. If Clysbar is *already* the Windows shell, the button will read **Previous Shell**. Pressing the button then will restore the old shell.

[Tech Note on Restoring the Shell](#)

Clysbar stores the name of the old shell (usually PROGMAN.EXE) in an entry in SYSTEM.INI called OldShell=. When Clysbar restores the previous shell, it uses the OldShell= entry to set Shell=, then erases the OldShell= line. If OldShell= cannot be found, Clysbar restores the Shell= line to read:

`Shell=progman.exe`

Exits the configurator and saves changes to the Clysmic Icon Bar.

Exits the configurator without saving changes.

Changing the clySmic Button Icon



To change the icon on the clySmic button, edit the [Config] section of CLYSBAR.INI and add an entry of the following type:

```
[Config]
.
.
.
ClysBtn=ICONFILE{, ICONNUMBER}
```

This will use the icon or DLL file instead of the clySmic logo. Note that this file must be in the default icon directory, no paths are permitted. Included in CLYSICON.DLL are some colored triangles suitable for being the background to a clock on the clySmic button. So leave the clock on, set the clock color to white, and try this entry:

```
ClysBtn=clysiicon.dll, 36
```

This will give a clySmic button similar to the one illustrated above.

Changing Clysbar's Own Hot Key



Clysbar's own hot key is, by default, Ctrl-Alt-C. To change this, edit the [Config] section of CLYSBAR.INI and add an entry of the type:

```
[Config]
.  
.  
.  
HotKey=HOTKEY
```

Not using UNC names on WFWG Machines

Normally, when entering a program file name that's on a network drive from a Windows for Workgroups machine, the network drive letter is replaced by the machine and share name to form a UNC name. So, if the program FOO.EXE is on the machine \\SERV1 and the shared directory name is PROGRAMS, even if you have connected to that sharename as drive, say E:, you can type in E:\FOO.EXE and Clysbar will replace it with \\SERV1\PROGRAMS\FOO.EXE which is the UNC name.

This has two advantages: you don't have to reconnect to that server using the same drive letter (in fact you don't need to connect at all - it's automatic when the program is run), and, you are preparing for the future, when less use will be made of drive letters.

However, if you don't want Clysbar to replace the network filename with the UNC name, add the following entry to the [Config] section of CLYSBAR.INI:

```
[Config]
.  
.  
.  
UseUNC=0
```

.ICO Files are files that contain a single icon.

Windows .EXE files are programs, but since they're Windows programs these files can also contain icons.

.DLL files are Dynamic Link Library files, which are another kind of Windows program file. These files can also be libraries of icons, and are a good way to collect a group of icons. CLYSICON.DLL and CLYSAROW.DLL are examples of DLL icon libraries.

.ICL files are Icon Library Files, which are just renamed .DLL files.



Notepad is the Windows full-screen text editor. It is used by Clysbar to edit the program entries in the CLYSBAR.INI file.



CLYSBAR.INI is Clysbar's INItialization file, the file that contains all the information to customize Clysbar to run programs, use colors and options, and to display the icon bars.



VGA - a video standard with a screen size of 640x480 pixels.



SuperVGA - a video standard with a screen size of 800x600 pixels.



1024x768 - a video mode with a screen size of 1024x768 pixels.



GMT stands for Greenwich Mean Time, a time zone based at Greenwich, England, former site of the Royal Observatory. It is also known as UTC time and Zulu time. GMT is used by short-wave listeners, ham radio operators, military personnel, and others who need to use a "world" time. It is 24-hour based (no AM/PM).



The Main Icon Bar is the topmost bar, and the first bar you see when you start Clysbar. All the other bars are "below" the Main Bar, you go "down" into them, and return back "up" to the Main Bar.



HOTKEY is the hot key to assign to the program. Pressing this key combination when the program is running brings the program to the foreground of the screen.

A hot key is composed of *two* "shift" type keys (Ctrl, Alt, or Shift) plus an alphabet key. It is written separated by dashes (-). For example Ctrl-Alt-Z is a valid hot key. The default value of this field if omitted is no hot key.



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