Info+ Users Guide
Info+©1986 James A. Finnigan
Info+ Version 3.0b
INIT Resource

Info+ is a Shareware product. If you enjoy and use Info+ regularly, please
acknowledge my efforts by sending ten dollars per computer to:

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Installing Info+ _____

To install the Info+ resource into your system file you will have to use a resource editor. I am currently writing an installer that will automate this procedure. Use your resource editor to install the resource 'Info+ INIT resource' into your system 'INIT' file.

Info+ is now installed and just reboot for it to take affect.

During booting, the Info+ 'INIT' resource will run. It will try and install Info+ into the system.   If any errors of any kind occur during this phase, Info+ will not be installed. This can easily be detected when Info+ never shows up in the menu bar. Careful consideration has been taken such as not to interfere with the normal flow of things as if Info+ was never installed to begin with. In fact, Info+ is really invisible to any application running.

Using Info+ _____

Info+ is very easy to use. If you wish to just see what time it is or how much disk space you currently have, just pull down the Info+ menu. To modify an option, pull down the Info+ menu and select one of the menu items. However, prior to releasing the mouse button, hold down the corresponding key combination as described below. The modification you've just made can be seen the next time you pull down the Info+ menu.

The following pages describe the features of Info+ and how to effectively use them.

The Info+ menu is installed into the current menu bar each time you enter an application. If you wish to temporarily remove the Info+ menu, hold down the command, option and shift keys together and then click the mouse anywhere in the menu bar. If the Info+ menu already exists, it will be removed. If the Info+ menu does not exist, it will be added back in. This is useful when your menu bar is full and you need one more spot for some other temporary menu (ie. DA) and Info+ is currently using that last spot.   Just remove the Info+ menu for the time being and then add it back in when you want to. Simple!   If the Info+ menu is removed and you enter another application, it won't appear unless you add it back in.

Key Combination	Action Taken

Changing the Time...

Command	Minute Up
Command-Shift	Minute Down
Command-Space	Ten Minutes Up
Command-Shift-Space	Ten Minutes Down
Option	Hour Up
Option-Shift	Hour Down
Option-Space	Four Hours Up
Option-Shift-Space	Four Hours Down

Changing the Alarm...

Command	Minute Up
Command-Shift	Minute Down
Command-Space	Ten Minutes Up
Command-Shift-Space	Ten Minutes Down
Option	Hour Up
Option-Shift	Hour Down
Option-Space	Four Hours Up
Option-Shift-Space	Four Hours Down
Command-Option	Alarm Off

Changing the Date...

No keys	Toggles long and short dates
Command	Day Up
Command-Shift	Day Down
Command-Space	Ten Days Up
Command-Shift-Space	Ten Days Down
Option	Month Up
Option-Shift	Month Down
Option-Space	Three Months Up
Option-Shift-Space	Three Months Down
Command-Option	Year Up
Command-Option-Shift	Year Down
Command-Option-Space	Fifty Years Up
Command-Option-Shift-Space	Fifty Years Down

Key Combination	**Action Taken**

<u>Changing the Speaker/Cache Setting...</u>

No Key	Toggles Speaker/Cache

Speaker:

Command	Volume Up
Command-Shift	Volume Down
	When at 7, volume wraps to 0.
	When at 0, volume wraps to 7.
Command-Option	Turns off Speaker. (level 0)

Cache:

Command	Increments current setting.
Command-Shift	Decrements current setting
	When at the highest setting, wraps
	around to lowest and vice-versa.
Command-Option	Turns off Cache.

<u>Resetting the Task Timer...</u>

Command	Resets timer to current time

<u>Viewing Disk Space...</u>

No Keys	Toggles between disk space left (w/total files) and disk space used (w/drive number).
Command	Displays next <u>on-line</u> disk.
	Displays 'No Devices On-Line' when there are no devices on-line.

<u>Viewing Free Memory...</u>

Command	Toggles between current system and application heap zones.
Command-Option	Compacts the system or application heap zone depending upon which zone is displayed in the menu.

Key Combination   **Action Taken**

Launching an Application...

Command   This will display a dialog box with
                                  the application(s) that can be   launched. Just
select the   application of your choice and
                                  away you will go!

                                  Warning: This   option must be
                                  executed only when all files have   been
closed! Some applications use   temporary files which
will not be   erased when that application is
                                  terminated. This poses no threat   other
than leaving an 'dirty' icon   on your desktop.

Command-Option   Flushes each volume, Ejects all
                                  disks and restarts the system. This   option
must be executed twice for   the restart to occur. Toggle to the
                                  next disk using the command key   to disable
the restart. Do NOT   execute when any files are still
                                  open. Unknown results will occur.

Black Out...

Command   This will turn your screen black.
                                  The arrow cursor will just blink   indicating your
Mac is still on. Just   press the mouse or a key to restore
                                  the screen to its' original contents.
                                  Black Outs only occur on 'your'
                                  command.

Command-Option   Toggles menu disable. If this
                                  option is selected, the menus act   normally
but when if one is chosen   there will be no response. The
                                  Info+ menu also displays 'Menus   locked
Out!'. Use this one for kids.
                                  If your menus are not responding,
                                  check this field.

Key Combination   **Action Taken**

Open DA...

Command

This option must be used only by experienced Mac users. This option will execute Desk Accessories which are not in the system file (ie. suitcase style). Just select the 'Open DA...' option and you will be presented with a list of DA's to open if some 'suitcase' DA's reside on a mounted disk. Info+ will do its' 'best' to bring the DA into existance. This means that some DA's won't run because of what I would consider non-Inside Mac specifications. I have done my best to trap all errors that could occur. The best thing to do is to put together a bunch of DA's and try them one by one to see how they react. Comments on problems are greatly appreciated! You will notice that if a normal DA is active (system file) and you open a DA thru Info+,. those DA's will disappear automatically. This came about because Info+ does not know anything about other installed DA's. If Info+ were to run a DA with the same reference number as one already running, funny things start to happen. Therefore, I just remove them myself. If you run a DA from Info+, do NOT run any other DA's by any other means, first close the active DA then do as you would. I do disable the apple menu whenever possible to help prevent you from doing it. Unpredictable things WILL happen if a system file DA is opened while a Info+ DA is active. I have experienced some DA's that simply don't work with Info+ but for the most part, I have had very little problems with using it.

Command-Option

This will bring the DA to the front. This is most useful when the DA was placed behind another window and you wish to use it again.

Notes:

1. Info+ works with 128K, 512K, Mac+ and MacXL.

2. The Task Timer can be used as a simple timer. When starting a specific task which requires timing, reset it. When finished with the task, look at Task Timer again. You can easily determine when you started that task.

3. Using a Sort menu routine with Info+ will bring about unpredictable results. In other words, don't use one.

4. All options are saved into Parameter Ram where applicable.

5. The current disk volume shown can also have the following attributes. The attributes appear to the left of the volume names. The '°' character represents a hardware write protected disk. The '•' character represents a software write protected disk.   The '◊' character represents both a software and hardware write protected disk.   No character will appear when the disk is not write protected.

6. Never run a DA thru Info+ that opens DA's. This causes very weird things to happen and very unpredictable results.

7. Don't use the DA in Switcher unless you close the DA before moving to another application. Trust me on this one!

8. If I never hear from anyone who has obtained Info+ and has had problems, I will never know about the problem(s). If you have trouble or even suggestions for future releases please send comments to:

9. If you have the blink rate set for menus, beware that you must hold down the keys until the last blink has occured. Otherwise no modifications will take place (this is to make sure that you really wanted to make the modification).

10. The cache option can be modified by all Macintosh's but only the Mac's with HFS ROM's can recognize and use these settings. The settings are used internally by the operating system. It also recognizes a 512K or 1024K Mac.   This becomes important when setting the maximum amount of 'cache-memory' available in the system. 512K Mac's are limited to 384K and 1Mb's to 896K.