CClock v. 2.2.0
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Introduction

CClock is a nifty little program which displays a clock in a window on the Mac. It is Multifinder compatible so it can be run in the background while you work on other programs. It can be resized and repositioned anywhere on the Mac Desktop and will remember where you put it every time it is run. For multiple monitor Mac's you can place **CClock** in any monitor display. **CClock** will allow you to set up to 50 alarms for any time up to the year 2079. **CClock** also allows you to select a Chime to sound on the Hour and/or Half-hour. The sounds are chosen from among the 'snd ' resources in your System file. Again, **CClock** remembers which sounds you selected. You can select the Font to be used for the display. You can also launch other applications from **CClock** and create a menu of applications to be launched at any time under Multifinder.

Warning: This version of **CClock** is intended for System software verion 7.0 or later. It will not work with earlier versions of System software.

New Features

- System 7.0 Compatible, **CClock** now makes use of the Alias Manager. That means that you can now move or replace an application on your disk drive and **CClock** should still be able to launch it. It also means that if the application is on a network volume that Appleshare will be invoked to open the volume and then the application.

- Oh yeah, **CClock** is now and always has been 32-bit clean!

- By popular demand there is now a Chime Menu option which allows you to set the sound which will play when an alarm is triggered!

- Color! **CClock** will now display its window in one of seven colors of your choice.

CClock Menu Choices

Apple Menu:
About **CClock**... The usual information.

File Menu:
New Alarm Set...: Presents a dialog box which will allow you to set a new alarm for any time and date from 1980 to 2079. The time must be in 24 hour notation. Thus 6:00 is 6 A.M. while 14:00 is 2 P.M. The dialog box will give you the current date and time by default. You may also enter some text which will be displayed to act as a reminder when the alarm goes off. Clicking on the OK button sets the alarm. Clicking on the Cancel button will abort the alarm setting. Using the tab key moves the cursor between fields. The up and down arrow keys on the Mac Keyboard my be used to adjust the number fields as well as clicking on the small arrow icons in the dialog box.

Edit Alarm...: Displays a dialog box which shows the date, time and reminder note of different alarms that **CClock** is remembering. Selecting any alarm allows you to edit that alarm. You may also add a new alarm by selecting the Add button. Remember that pushing the Cancel button in the Alarm setting dialog box <u>removes</u> that alarm! You will be asked to verify before canceling any existing alarms.

Quit: Quits (need we say more)

Edit Menu:
Cut and Copy will transfer the current time as displayed into the Clipboard so that you can paste it into another application if you wish. Undo, Paste and Clear don't do anything, but are included for consistency with the Mac interface.

Chime Menu:
Three hierarchical menus are displayed from which you can select a sound to be played on the Hour or Half-hour, or when an alarm is set. When you make a selection the sound will be played immediately to verify that it is what you wanted.

Options Menu:
Display Seconds will cause the display to include seconds.

Display Memory will cause the current amount of free memory to be displayed along with the time. This should represent the largest block of unused memory available to Multifinder for running Applications.

Display Date will cause today's date to display in the **CClock** window.

Analog clock will change the **CClock** face to an analog display. If you have Display Seconds checked in the Options menu then a sweep second hand will also be displayed.

Font Menu:
Allows you to select any available font for the time display.

Size Menu:
Allows you to select the size of the font for the time display.

Color Menu:
Select the background color you want **CClock** to be drawn with. **CClock** will automatically choose an appropriate Foreground color (black or white) for the text to show up with.

Launch Menu:
Add Item... presents a standard file opening dialog box. You can select an application to be added to the menu. Whenever one of these applications is selected it will be launched. If the application has already been launched it will become the top application.

To remove an applications name from this menu select the item while holding down the Option (Alt) key.

To add a command key to a Launch Menu item hold down the command key while selecting one of the applications listed. A dialog box will appear. Type in the key you wish to have assigned, without the command key (), and click the OK button. To remove a command key equivalent, select the item as just described and delete the key before clicking the OK button.

Launch Other... presents a standard file opening dialog box. You can select an application to be launched immediately. This allows you to launch applications which you don't want to have added to the Launch Menu.

NOTE   If an application is no longer available, then **CClock** will not be able to Launch that application. Remove the application from the menu as described above.

Resizing and Repositioning **CClock's** window

Selecting the Grow Icon in the lower right corner of **CClock**'s window will allow you to resize the window. The display will automatically resize the Font. Clicking anywhere else in the window will allow you to move the window. Note that you can actually move **CClock**'s title bar under the Menu Bar giving you more of your Mac's screen back for other windows.

Note that the time will be displayed according to your control panel settings. Thus you can choose 12 or 24 hour mode for **CClock**.

Philosophy behind **CClock**

Okay, why did I write **CClock** in the first place? Why not use one of the Menu clocks available?

First of all I wanted a clock that I could resize so that it could be seen from a distance. Secondly I don't like being limited on where the clock appears on the Mac screen.

But most of all I believe in tiny applications that get a job done without cluttering up the System Heap or other areas of memory where they don't belong. Apple has said all along that with the advent of Multifinder programmers should stop writing DA's and write small applications which could take care of their own memory management and still run in the background while other applications are being used. I have a feeling that with System 7.0 DA's will start getting less support from Apple. I also am sure that a lot of those INIT's and CDEV's out there will have problems under the new System software and Multifinder.

In the end I wanted a clock utility over which I had control.

What's Next?

CClock is fairly useful as it stands, but I want to do more with it. What would you like to see in a utility of this type? Let me know and you can drive the future of **CClock.**

The Legal Stuff

Here's where you read that I cannot take responsibility for any damages that might occur from your using **CClock**. I believe that it does everything as advertised in this document, but I can't help it if you are late for an appointment because the Chimes didn't go off or something.

On the other side, I will completely support **CClock**. If you have any problems, call me, drop me a line or come on over and chat. I will do everything in my power to make **CClock** work on your machine. If it won't, you get your money back. Period.

Shareware Fee

CClock is offered as Shareware. Kick the tires, check under the hood, and generally try it out for 30 days. If after that time you find you like it, please send the $15.00. In return I will send you information about upgrades. If you don't like it just stop using it. In any case you are free to pass **CClock** along to your friends for their trial as long as you give them this document too.

Registration Form:

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CCLOCK Registration Form

Name: _____

Street: _____

City: _____

State: _____

Zip: _____

_____

Please enter my registration for _____ copies of **CClock** @ $15.00 each. Make checks payable to Stephen Martin.

Total Enclosed $ _____

Large groups contact me for discount rates.

Return to:

CClock Registration
2655 S. Peoria
Aurora, CO 80014

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If you have questions contact me on Compuserve. My ID is 75126,51.

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