

## MaxApplZone - HyperCard™ basic memory management XFCN

*freeware*

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MaxApplZone is an XFCN that can be used to compact your Mac's memory while running HyperCard, freeing up memory that might not otherwise be available. You can also use it to find out how much free memory is available without affecting the current memory allocation.

MaxApplZone is provided as a ResEdit resource file. Use ResEdit, Rescopy, or any other resource copying utility to paste it into a HyperCard stack. If you wish to use the optional dialog display, make sure you also paste both the DLOG and DITL resources. If you attach MaxApplZone to your "Home" stack, you'll be able to access it from any other stack.

As its name implies, MaxApplZone is a simple implementation of a couple of the Macintosh Toolbox memory management routines. Two modes are available.

In the first mode, a dialog box is displayed showing the current free memory and the current time:



To compact memory, click on the box to the left of the 'nnn' KB free message. You can also momentarily display the current date by clicking on the box to the left of the time display. You can move the dialog around the screen by holding the mouse down in the title bar and dragging. To get rid of the dialog box, click on the CLOSE box in the upper left corner of the dialog. Note that, as when a desk accessory is active in HyperCard, you won't be able to access normal HyperCard functions while the MaxApplZone dialog is active. This is a limitation that a future version (with a few more goodies) will address.

To invoke the dialog mode from HyperCard, use the following syntax:

**get MaxApplZone()**

You may bypass the dialog box and retrieve information about current available memory directly. The syntax:

**get MaxApplZone("Compact")**  
or

### **get MaxApplZone("compact")**

will compact memory and return the number of KB available after the compaction. You may also use just the upper or lower case letter "C" for the same result. To retrieve the number of KB free memory available without affecting current allocations, use the syntax:

### **get MaxApplZone("x")**

"x" can be anything (except an expression starting with "C") to retrieve the available free memory.

MaxApplZone is 'freeware'. It may be copied and distributed without charge only, except for nominal copying and distribution fees. It may not be offered for commercial sale or resale.

Also included is a separate, very short program called "Restart HyperCard". It allows you to exit and restart HyperCard without wasting time going through the Finder. This is convenient when you want to flush out the HyperCard application heap and reload resources (for example, when developing and testing XCMD/XFCN resources, or when the application heap becomes fragmented after long HyperCard sessions). You are returned to the stack and card from which you opened "Restart HyperCard".

Original distribution of MaxApplZone includes the Lightspeed C source file plus source for an abbreviated version. If you would like a copy of the source code and it was not available when you received MaxApplZone, check either Compuserve (APPHYPER) or GENie's Mac forum library. Or, send a blank disk and \$1 for postage and handling to:

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