



# Tech Info Library

## HyperCard: Handlers for Automatic Compacting (8/92)

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TOPIC -----

Whenever you leave a stack that has too much free space, the `initAutoCompact` handler (below) will automatically ask if you want to compact it.

You can tell it to shut up, too. You can adjust the number of free bytes in a stack that this handler will allow before asking you whether you want to compact by editing the field to the right.

DISCUSSION -----

```
on initAutoCompact
  global autoCompactEnabled,maxFreeSizeOfStack
  put true into autoCompactEnabled
  lock screen
  push card
  go to card "AutoCompact" of stack "Cookbook Reference"
  if the result is empty -- card exists
  then put card field "MaxFreeSizeOfStack" into maxFreeSizeOfStack
  else put 25000 into maxFreeSizeOfStack
  pop card
  unlock screen
end initAutoCompact

on autoCompact
  -- Automatic stack compaction that can stop asking
  -- Whenever you leave a stack that has too much free space,
  -- this handler will automatically ask if you want to compact it.
  -- You can tell it to shut up, too.

  global autoCompactEnabled,maxFreeSizeOfStack
  if autoCompactEnabled is not true then exit autoCompact
  get the freeSize of this stack
  if it > maxFreeSizeOfStack then
    put "Compact this stack? (" & it div 1024 & "K free)" into prompt
    answer prompt with "Yes" or "No" or "Stop Asking"
    if it is "Stop Asking" then put false into autoCompactEnabled
    if it is not "Yes" then exit autoCompact
```

```
doMenu "Compact Stack"  
end if  
end autoCompact
```

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