



Tech Info Library

HyperCard: Handlers for Automatic Compacting (8/92)

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Security: Everyone

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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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