



# Tech Info Library

## HyperCard:Problem Pasting Fields-Bad Script (3/94)

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Security: Everyone

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TOPIC -----

I am trying to paste the card number field from "Display the card number" from Readymade Fields Stack into the Addresses stack in HyperCard 2.2, but it's not working. It pastes fine into a new blank field. Both stacks come on the standard HyperCard distribution disks.

DISCUSSION -----

The problem is with the script in the stack that came with HyperCard.

Below is a portion of the original script.

```
on addStackScript fieldType
  get script of fieldType
  if "openCard" is in it then
    if (fieldType && "field id" && id of me) is not in it then
      put scriptBody(fieldType) & return after char ~
      (offset("openCard",it) + 8) of it
      set script of fieldType to it
    end if
  else
    if it empty then
      if last char of it = return then put return after it
      else put return & return after it
    end if
    -- write the full handler
    put "on openCard" & return & scriptBody(fieldType) & return & ~
    "pass openCard" & return & "end openCard" after it
    set script of fieldType to it
  end if
end addStackScript
```

The first "if" statement (if "openCard" is in it then) should really test for

"on openCard" instead of "openCard". Many stacks list handlers included in a script at the top of the script. This allows programmers to easily search a script for a particular handler. The addresses stack does this. When this button is pasted into it, the "openCard" in the handler list makes the conditional true and the script to include the card number is pasted into the handler list (where it will never execute).

Change "openCard" to "on openCard" in two places (as below in line 3 and 6) and the script works as advertised.

```
on addStackScript fieldType
  get script of fieldType
  if "on openCard" is in it then
    if (fieldType && "field id" && id of me) is not in it then
      put scriptBody(fieldType) & return after char ~
      (offset("on openCard",it) + 8) of it
      set script of fieldType to it
    end if
  else
    if it empty then
      if last char of it = return then put return after it
      else put return & return after it
    end if
    -- write the full handler
    put "on openCard" & return & scriptBody(fieldType) & return & ~
    "pass openCard" & return & "end openCard" after it
    set script of fieldType to it
  end if
end addStackScript
```

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