



Tech Info Library

HyperCard: Handler to Select Multiple Objects (7/92)

Article Created: 11 January 1991

Article Reviewed/Updated: 23 July 1992

TOPIC -----

This handler allows you to select multiple parts (buttons and fields) by clicking on them. After you've selected them, you can perform operations on all of them using `alignParts`, `deleteParts`, `offsetParts`, and `pasteParts`.

This article is constrained to a shorter line length than HyperCard scripts can have; you'll have to make adjustments.

DISCUSSION -----

```
on selectParts
  -- Group selection: click on parts
  -- Set card script to catch mouseDown and eat mouseUp

  global saveCardScript,selectedParts,selectedPartsCard
  put empty into selectedParts
  put long name of this card into selectedPartsCard
  put script of this card into saveCardScript
  choose browse tool
  put "Click on the parts you wish to select. Press enter to stop."

  -- write a script
  put "on mouseDown" & return into scriptVar
  put "  global selectedParts" & return after scriptVar
  put "  put the shiftKey is down into deselectFlag" & return after scriptVar
  put "  if " & quote & "button" & quote & " is not in the target and " & quote
  & "field" & quote & " is not in the target" & return after scriptVar
  put "  then put " & quote & "There is no part there." & quote & return after
  scriptVar
  put "  else" & return after scriptVar
  put "    get the target" & return after scriptVar
  put "    if " & quote & "id" & quote & " is not word 3 of it" & return after
  scriptVar
  put "    then put " & quote & "id " & quote & " & id of the target into last
  word of it" & return after scriptVar
  put "    if deselectFlag then" & return after scriptVar
  put "      if it is not in selectedParts" & return after scriptVar
  put "      then put the target & " & quote & " is not selected." & quote &
```

```

return after scriptVar
put "      else" & return after scriptVar
put "      put offset(it & return,selectedParts) into startChar" & return
after scriptVar
put "      delete char startChar to startChar + length(it) of
selectedParts" & return after scriptVar
put "      put the target & " & quote & " is now deselected." & quote &
return after scriptVar
put "      end if" & return after scriptVar
put "      else" & return after scriptVar
put "      if it is in selectedParts" & return after scriptVar
put "      then put the target & " & quote & " is already selected." & quote
& return after scriptVar
put "      else" & return after scriptVar
put "      put it & return after selectedParts" & return after scriptVar
put "      put the target & " & quote & " is now selected." & quote &
return after scriptVar
put "      end if" & return after scriptVar
put "    end if" & return after scriptVar
put "  end if" & return after scriptVar
put "  exit to HyperCard" & return after scriptVar
put "end mouseDown" & return after scriptVar
put return after scriptVar
put "on doneSelecting" & return after scriptVar
put "  global saveCardScript,selectedParts" & return after scriptVar
put "  set script of this card to saveCardScript" & return after scriptVar
put "  put the number of lines in selectedParts & " & quote & " parts
selected" & quote & return after scriptVar
put "end doneSelecting" & return after scriptVar
put return after scriptVar
put "on closeCard" & return after scriptVar
put "  doneSelecting" & return after scriptVar
put "end closeCard" & return after scriptVar
put return after scriptVar
put "on enterKey" & return after scriptVar
put "  doneSelecting" & return after scriptVar
put "end enterKey" & return after scriptVar

  set script of this card to scriptVar
end selectParts

```

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 14169