Tech Info Library

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

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Security:       Everyone


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TOPIC -------------------------------------------------------------

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


DISCUSSION --------------------------------------------------------

on rectSelectParts
  -- Group selection by specifying a rectangle.
  -- Select a group of parts by clicking at topLeft and bottomRight
  -- of enclosing rectangle.

  global selectedParts,selectedPartsCard
  put empty into selectedParts
  put long name of this card into selectedPartsCard
  put "Click at top left..."
  wait until the mouseClick
  put the clickLoc into topLeft
  put "Click at bottom right..."
  wait until the mouseClick
  put the clickLoc into botRight
  put topLeft & "," & botRight into selectionRect
  repeat with i = 1 to the number of buttons
    if loc of button i is within selectionRect
    then put "card button id " & id of button i & return after selectedParts
  end repeat
  repeat with i = 1 to the number of bkgnd buttons
    if loc of bkgnd button i is within selectionRect
    then put "bg btn id " & id of bg btn i & return after selectedParts
  end repeat
  repeat with i = 1 to the number of fields
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      if loc of field i is within selectionRect
      then put "bkgnd field id " & id of field i & return after selectedParts
    end repeat
    repeat with i = 1 to the number of card fields
      if loc of card field i is within selectionRect
      then put "card field id " & id of card field i & return after selectedParts
    end repeat
    put the number of lines in selectedParts & " parts selected."
end rectSelectParts
```

This article is adapted from the Claris Tech Info database.

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