HyperCard: Script to Export Address Stack to FileMaker (6/93)

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

The following handler creates a tab-delimited text file from the HyperCard
1.x Address stack, with the elements of data parsed reasonably thoroughly.
This enables you to bring your data into FileMaker.


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

The created text file has to come into a database with the following
fields, and in the following order:
  Name
  Company
  Street Address
  City, State
  Zip Code
  Phone 1
  Phone 2
  Phone 3
  Phone 4
  Check field

Tabs will separate the records, so it will be a standard merge file.  More
fields than these can exist, and if you want to separate Last and First
Names, and State, that can be done in FileMaker later, or the script could
possibly be modified.

The check field will mirror the original HyperCard form of the database,
and so will contain much redundant information.  However, since there will
always be data that we can't parse (titles, divisions, odd or foreign
addresses, etc.), we need this field so you can double-check your data, and
perform additional manipulations.

on mouseUp
  ask "Please name the new text file." with "HC.txt"
  if it is empty or the result is "Cancel" then exit mouseUp
  put it into fileName
  set cursor to watch
  set lockMessages to true
  set lockRecent to true
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   if number of bg fields = 0 then
     answer "There are no background fields from which to export data!"
     exit to HyperCard
   end if
   set lockRecent to true
   open file fileName

   lock screen
   repeat the number of cards
     set cursor to busy
     --
     -- Now figure the how many lines we have, and where the lines go.
     -- Our rules:
     --   If there are 3 lines, then they are Name, street address, citystatezip.
     --   If there are more than 3 lines, then
     --      the last line is citystatezip,
     --      the next to last line is street
     --      the third to last line is company
     --      and whatever else is filler.
     --   In all cases, the first line is Name.

     put number of lines in bg field 1 into numFieldLines
     repeat with i = 1 to numFieldLines
       if line i of bg field 1 is empty
       then exit repeat
       else put i into lastLine
     end repeat

-- Now we initialize our variables.
-- If we don't do this, then they may carry over their values to the next
record.

     put empty into theName
     put empty into theCompany
     put empty into theStreet
     put empty into theCityAndState
     put empty into theZip

     if lastline > 2 -- If there are 3 or more lines of data
     then
       get line lastline of bg field 1
       put last word of it into theZip
       delete last word of it
       put it into theCityAndState
     end if

     if lastline > 4 OR lastLine = 2
     then put line 1 of bg field 1 & "   *See Notes" into theName
     else put line 1 of bg field 1 into theName -- Name
     if (lastLine - 2) > 1 -- if there's a third to last line, it's company
     then put line (lastLine - 2) of bg field 1 into theCompany -- company
     if (lastLine - 1) > 1 -- if there's a second to last line, it's street
     then put line (lastLine - 1) of bg field 1 into theStreet -- street
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    -- Here's our parsed information about the card.
    put theName & comma & theCompany & comma & theStreet & comma & ¬
    theCityAndState & comma & theZip & comma into theText

    put line 1 of bg field 2 & comma after theText -- phone numbers
    put line 2 of bg field 2 & comma after theText
    if line 3 of bg field 2 is not empty
    then put line 3 of bg field 2 & comma after theText
    else put comma after theText
    if line 4 of bg field 2 is not empty
    then put line 4 of bg field 2 & comma after theText
    else put comma after theText
    put bg field 3 after theText -- move the date to the notes field

    write theText & return to file fileName
    go next card
  end repeat
  close file fileName
  set lockRecent to false
  unlock screen
end mouseUp
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Keywords: <None>

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