HyperCard: Formatting Phone Numbers Consistently (5/93)

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

Here's a short HyperTalk script that will automatically convert phone
numbers to a consistent format on data entry.

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

Here' a basic script that formats U.S. phone numbers to appear in the
consistent formats 1-408-555-0000, (408) 555-0000, or 555-0000. If you try
to format something that doesn't look like a phone number, the script will
leave the value as you entered it. To use the script, attach it to any
field that contains a telephone number. The number will be reformatted
whenever you make a new entry or change text in that field. This script is
an example. Modify it to create your own customized version or to format
numbers for your area.

on closeField
  - Assuming first line contains phone number.
  put line 1 of me into PhoneNum
  -- Remove non-dial characters.
  repeat with CurChar = length of PhoneNum down to 1
    if char CurChar of PhoneNum is in ")(-" & space & tab
    then delete char CurChar of PhoneNum
  end repeat
  -- Format a phone number.
  if length of word 1 of PhoneNum is 11 -
  and char 1 of PhoneNum is "" then
    put "-" after char 7 of PhoneNum
    put "-" after char 4 of PhoneNum
    put "-" after char 1 of PhoneNum
  else if length of word 1 of PhoneNum is 10 then
    put "-" after char 6 of PhoneNum
    put ")" after char 3 of PhoneNum
    put "(" before PhoneNum
    put PhoneNum into line 1 of me
  else if length of word 1 of PhoneNum is 7 then
    put "-" after char 3 of PhoneNum
    put PhoneNum into line 1 of me
  -- end if
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   If the number does not match, then do nothing.
  pass closeField
end closeField
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