Tech Info Library

HyperCard: getHandler Script (7/92)

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Revised:        12/21/93
Security:       Everyone
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Article Created: 11 January 1991
Article Reviewed/Updated: 23 July 1992

TOPIC ---

Given the name of a handler and a script, the following handler gets the
text of the specified handler. Optionally, it will return starting and
ending character expressions of the handler.

DISCUSSION --

Script:

```
function getHandler handlerName,scriptText,returnOffsets
  -- Extracts a handler from a script.
  -- Given the name of a handler and a script, this handler gets
  -- the text of the specified handler.  Optionally, it will
  -- return starting and ending character expressions of the handler.
  -- check for function first because on is a substring of function

get offset("function " & handlerName,scriptText)
  if it is zero then get offset("on " & handlerName,scriptText)
  put it into startChar
  put return & "end " & handlerName into footer
  put offset(footer,scriptText) into endChar
  if endChar is not zero then
    add length(footer) to endChar
    repeat until char endChar of scriptText is return ¬
      or char endChar of scriptText is empty -- skip comment
      add 1 to endChar
    end repeat
    repeat while char endChar + 1 of scriptText is return
      add 1 to endChar -- take trailing returns
    end repeat
  end if
  if returnOffsets is true
```

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      then return startChar & "," & endChar
      else return char startChar to endChar of scriptText
end getHandler
```

This article is adapted from the Claris Tech Info database.

Tech Info Library Article Number:14249