

[\[Browse source program\]](#) [\[Execute source program\]](#)

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-- Example for CGI programming in Curry:  
-- A CGI program counting the number of visitors as a simple example  
-- for updating information on the server by clients.  
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import HTML  
import System  
import Directory  
import Read  
  
visitorForm = do  
  visitnum <- incVisitNumber  
  return $ form "Access Count Form"  
    [h1 [htxt $ "You are the " ++ show visitnum ++ ". visitor!"]]  
  
-- Increment the current visitor number and return the new number:  
incVisitNumber :: IO Int  
incVisitNumber = do  
  existnumfile <- doesFileExist visitFile  
  if existnumfile  
    then do vfcont <- readFile visitFile  
      writeVisitFile (readInt vfcont +1)  
    else writeVisitFile 1  
  
writeVisitFile n =  
  do writeFile (visitFile++".new") (show n)  
    system ("mv "++visitFile++".new "++visitFile)  
    return n  
  
-- the file where the current visitor number is stored:  
visitFile = "numvisit"  
  
-- Install the CGI program by:  
-- makecurrycgi -m visitorForm visitor
```