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*****
* Program      : sqlite.ado
* Purpose      : import and export of SQLite3 databases
*              :
* Syntax       : sqlite mode dbname sql
*              :
*              : Where mode is either import or export
*              :         dbname is a database name
*              :         sql is an SQL query when importing data and a table
*              :         name when exporting
*              :
* Programmer   : Jonas Ranstam
* Programmed date : 24.02.2019
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*! sqlite3 v1.0.0 JRanstam 24feb2019

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```

program define sqlite
  version 14

  args mode dbname sql

  if ("`mode`"=="import") {
    !sqlite3 -csv -header `dbname' "`sql'" > temp.csv
    import delimited temp.csv, clear varnames(1)
    erase temp.csv
  }
  else if ("`mode`"=="export") {
    export delimited using "temp.csv", nolabel quote replace
    if ("`c(os)`"=="Unix" | "`c(os)`"=="MacOSX") {
      !echo -e "\n.import temp.csv `sql'" | sqlite3 -separator , `dbname'
    }
    if ("`c(os)`"=="Windows") {
      display " "
      display "This function is not available when running Windows."
      display " "
    }
  }
  erase temp.csv
}
else {
  display " "
  display "Incorrect command, see help sqlite!"
  display " "
}
end

```