

# Atari Picture Mirror Tool#

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*****
;**
;** Phoenix SoftCrew ACTION! **
;**
*****

; Programname:PIC-MIRROR
; Programmer:Carsten Strotmann
; Filename:MIIRROR.ACT
; first Version:28.04.90
; last change:28.04.90
; Task:Mirrors GR.8 Pictures (7680 Byte Pics)
;
;

;INCLUDE "SYSTEM.ACT"

BYTE CIO_status

CHAR FUNC CIOQ=(BYTE dev, CARD addr,
                size, BYTE cmd, aux1, aux2)
[$29$F$85$A0$86$A1$A$A$A$A$AA$A5$A5
$9D$342$A5$A3$9D$348$A5$A4$9D$349
$A5$A6$F0$8$9D$34A$A5$A7$9D$34B$98
$9D$345$A5$A1$9D$344$20$E456
$8C CIO_status$C0$88$D0$6$98$A4$A0
$99 EOF$A085$60]

CARD FUNC Bget=(BYTE dev,
                CARD addr, size)
[$48$A9$7$85$A5$A9$0$85$A6$A5$A3$5$A4
$D0$6$85$A0$85$A1$68$60$68$20 CIOQ
$BD$348$85$A0$BD$349$85$A1$60]

PROC BPut=(BYTE dev,
           CARD addr, size)
[$48$A9$B$85$A5$A9$0$85$A6$A5$A3$5$A4
$D0$2$68$60$68$4C CIOQ]

BYTE FUNC Inkey ()

    BYTE atascii=$2FB,chasci=$2FC
    BYTE POINTER keydefp
    CARD keydef=$79

    chasci=$FF
    keydefp=keydef

    DO
    ;
    UNTIL chasci#$FF
    OD

    keydefp==+chasci
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    atascii=keydefp^
    chasci=$FF

RETURN (atascii)

PROC Upper (BYTE ARRAY text)

    BYTE u

    FOR u=1 TO text(0)
    DO
        IF text(u)>$60 AND text(u)<$7B THEN
            text(u)=-$20
        FI
    OD

RETURN

PROC C_On ()

BYTE crsin=752

crsin=0

RETURN

PROC C_Off ()

BYTE crsin=752

crsin=1

RETURN

PROC Mirror ()

    BYTE sd,dd,key,x,y,c1,c2
    CARD z,savmsc=$58

    BYTE ARRAY col(0)=708,sf(17),df(17),fn(17),buf(250)

    Graphics (0)

    col(1)=15
    col(2)=115

    Position (0,0)

    Print (" Phoenix SoftCrew Pic Mirror (c) 1990")

    DO
        C_On ()

        Position (5,5)
        Print ("Source Disk :")
        sd=InputB ()

        Position (5,7)
        Print ("Dest.  Disk :")
    
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dd=InputB ( )

Position (5,10)
Print ("Source File :")
InputS (fn)
Upper (fn)

SCopy (sf,"D1:")
sf(2)='0 + sd
SAssign (sf,fn,4,4+fn(0))

Position (5,12)
Print ("Dest. File :")
InputS (fn)
Upper (fn)

SCopy (df,"D1:")
df(2)='0 + dd
SAssign (df,fn,4,4+fn(0))

z=0

Graphics (24)
col(1)=0
col(2)=14

Close (1)
Open (1,sf,4)
Bget (1,savmsc,7680)
Close (1)

FOR x=0 TO 159
DO
  FOR y=0 TO 191
  DO
    c1=Locate (x,y)
    c2=Locate (319-x,y)
    color=c1
    Plot (319-x,y)
    color=c2
    Plot (x,y)
  OD
OD

Close (1)
Open (1,df,8,0)
Bput (1,savmsc,7680)
Close (1)

Graphics (0)

Position (0,20)
Print (" Another File ?")

key=Inkey ( )

UNTIL key ='N or key='n
OD

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RETURN