

Infoline for BASIC and ACTION!#

General Information

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Language: ACTION!

Compiler/Interpreter: ACTION!

Infoline for ACTION!

Load INFOLINE.COM as Autorun.sys before entering the ACTION! IDE

This is a little utility showing some information useful during ACTION! development.

- ATARI RTClock Timer Ticks
- Shift Key Status
- X/Y Screen Cursor Coordinates
- ATASCII Key-Code of last pressed key
- Internal Key-Code of last pressed key
- ACTION! Base Adress (ORG)
- ACTION! Program Code Size
- Last Sector IO Number

Disk Image (ATR) with source and binary attached: [Infoline/infoline.atr](#) (ACTION!), [Infoline/infoline_basic.atr](#) (BASIC)

1.1.1 Source Code (BIBO Assembler)

```
00010          .LI OFF
00020 *****
00030 * INFOZEILE FUER ACTION! *
00040 *****
00050 ;
00060 CASINI      =    $02
00070 BOOT        =    $09
00080 CONSOL      =    $D01F
00090 SDLST      =    $0230
00100 ROWCRS    =    $54
00110 COLCRS     =    $55
00120 SHFLOK     =    $2BE
00130 INVFLG     =    $2B6
00140 CHASCI     =    $2FB
00150 CH          =    $2FC
00160 BZAHL      =    $238
00170 CODEBASE   =    $0E
00180 CODESIZE   =    $493
00190 DAUX1     =    $30A
00200 RTCLOK     =    $12
00210 ATTRAC    =    $4D
00220 COL2       =    710
00230 ;
00240 ; OS ADRESSEN
00250 ;
00260 SETVBV     =    $E45C
00270 XITVBV     =    $E462
00280 ;
```

```

00290 ;
00300          .OF D:INFOA.COM
00310          .OR $400
00320 ;
00330 UHRADR   .HX 00000A00000A0000
00340 DL      .HX 707042
00350          .DA TEXT
00360          .HX 000201
00370 DLEND   .HX 0000
00380 CHARTAB .HX 61
00390          .HX 21
00400          .HX 40
00410          .HX 00
00420 TEXT     .AT "TM:00000|      |X=000|Y=000|ASC:000|INT:000"
00430          .AT "BASE:00000|SIZE:00000|SECTOR:00000| PSC "
00440 UNRUHE   .HX 00
00450 DECLO    .HX 10E8640A
00460 DECHI    .HX 27030000
00470 ZIFFER   .AT "00000"
00480 CHHLP    .HX 00
00490 ;
00500 ;
00510          .OR $600
00520 ;
00530 ;
00540 TOPLINE
00550          LDA #TOPLINE
00560          STA CASINI
00570          LDA /TOPLINE
00580          STA CASINI+1
00590 ;
00600          LDA BOOT
00610          ORA #$02
00620          STA BOOT
00630 ;
00640          LDA #$04
00650          BIT CONSOL
00660          BNE SETVBI
00670          RTS
00680 ;
00690 SETVBI
00700          LDY #START
00710          LDX /START
00720          LDA #$07
00730          JSR SETVBV
00740          RTS
00750 ;
00760 START    LDA SDLST+1
00770          CMP /DL
00780          BEQ CURSOR
00790          LDA SDLST
00800          CLC
00810          ADC #$03
00820          STA DLEND
00830          LDA SDLST+1
00840          ADC #$00
00850          STA DLEND+1
00860          LDA #DL
00870          STA SDLST

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00880          LDA /DL
00890          STA SDLST+1
00900 ;
00910 CURSOR   LDA ROWCRS
00920          LDX #00
00930          JSR BINDEZ
00940 ;
00950          LDX #3
00960 YDSPL   LDY #$17
00970          JSR DSPL
00980 ;
00990          LDA COLCRS
01000          LDX COLCRS+1
01010          JSR BINDEZ
01020 ;
01030 XDSPL
01040          LDX #3
01050          LDY #$11
01060          JSR DSPL
01070 KEY
01080          LDA SHFLOK
01090          CLC
01100          ROL
01110          ROL
01120          ROL
01130          TAX
01140          LDA CHARTAB,X
01150          ORA INVFLG
01160          EOR #$80
01170          STA TEXT+$0A
01180 ;
01190          LDA CHASCI
01200          LDX #0
01210          JSR BINDEZ
01220 ;
01230 CHDSPL
01240          LDX #3
01250          LDY #$1F
01260          JSR DSPL
01270 ;
01280          LDA CH
01290          CMP #$FF
01300          BEQ .1
01310          STA CHHLP
01320 .1
01330          LDA CHHLP
01340          LDX #00
01350          JSR BINDEZ
01360 CH2DSPL
01370          LDX #3
01380          LDY #$27
01390          JSR DSPL
01400 ;
01410          LDX CODEBASE+1
01420          LDA CODEBASE
01430          JSR BINDEZ
01440 BASE
01450          LDX #5
01460          LDY #$31

```

```

01470          JSR DSPL2
01480 ;
01490          LDX CODESIZE+1
01500          LDA CODESIZE
01510          JSR BINDEZ
01520 SIZE
01530          LDX #5
01540          LDY #$3C
01550          JSR DSPL2
01560 ;
01570          LDX DAUX1+1
01580          LDA DAUX1
01590          JSR BINDEZ
01600 SECTOR
01610          LDX #5
01620          LDY #$49
01630          JSR DSPL2
01640 ;
01650          LDA RTCLOK+1
01660          LDX RTCLOK
01670          JSR BINDEZ
01680 ;
01690          LDX #5
01700          LDY #7
01710          JSR DSPL2
01720 ;
01730          LDA #0
01740          STA COL2
01750          STA ATTRAC
01760 ;
01770          JMP XITVBV
01780 -----
01790          .OR $100
01800 BINDEZ
01810          STA BZAHL
01820          STX BZAHL+1
01830          LDX #4
01840 VORBES
01850          LDA #$10
01860          STA ZIFFER,X
01870          DEX
01880          BPL VORBES
01890          LDX #0
01900 STELLE
01910          LDA BZAHL+1
01920          CMP DECHI,X
01930          BNE TSTHI
01940          LDA BZAHL
01950          CMP DECLO,X
01960 TSTHI
01970          BCC KLEINER
01980          SEC
01990          LDA BZAHL
02000          SBC DECLO,X
02010          STA BZAHL
02020          LDA BZAHL+1
02030          SBC DECHI,X
02040          STA BZAHL+1
02050          INC ZIFFER,X

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```
02060          JMP  STELLE
02070 KLEINER
02080          INX
02090          CPX  #4
02100          BNE  STELLE
02110          CLC
02120          LDA  BZAHL
02130          ADC  ZIFFER+4
02140          STA  ZIFFER+4
02150          RTS
02160 -----
02170 DSPL
02180          LDA  ZIFFER+1,X
02190          ORA  #$80
02200          STA  TEXT,Y
02210          DEY
02220          DEX
02230          BNE  DSPL
02240          RTS
02250 -----
02260 DSPL2
02270          LDA  ZIFFER-1,X
02280          ORA  #$80
02290          STA  TEXT,Y
02300          DEY
02310          DEX
02320          BNE  DSPL2
02330          RTS
02340 -----
02350          .OR  $2E0
02360          .DA  TOPLINE
02370 -----
```