



Tech Info Library

Applesoft: Internals--Error Processor Routines

Revised: 11/7/84
Security: Everyone

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ERROR **D412**
Checks ERRFLG and jumps to HNDLERR if ONERR is active. Otherwise it prints
<cr> "?" <error message pointed to by X> "ERROR". If this is during program
execution then it also prints " IN " and the CURLIN.

HANDLERR **F2E9**
Saves CURLIN in ERRLIN, TXTPTR in ERRPOS, X in ERRNUM, and REMSTK in ERRSTK.
X contains the error code. See the Applesoft Reference Manual page 136 for
the value of X for a given error.

RESUME **F317**
Restores CURLIN from ERRLIN and TXTPTR from ERRPOS and transfers ERRSTK into
the 6502 stack pointer.

ISCNTC **D858**
Checks the Apple keyboard for a CTRL-C (\$83). Executes the BREAK routine
if there is a CTRL-C.

CHKNUM **DD6A**
Make sure FAC is numeric. See CHKVAL.

CHKSTR **DD6C**
Make sure FAC is a string. See CHKVAL.

CHKVAL **DD6D**
Takes the result of the most recent FAC operation and check this result for a
string or numeric variable. A TYPE MISMATCH ERROR results if FAC and C don't
agree.
On entry:
C set checks for strings
C clear checks for numerics.

ERRDIR **E306**
Causes ILLEGAL DIRECT ERROR if the program isn't running. X is modified.

ISLETC **E07D**

Checks A for an ASCII letter ("A" to "Z"). On exit C set if A is a letter.

PARCHK DEB2

Checks for "(", evaluates a formula, and checks for ")". Uses CHKOPN and FRMEVL then falls into CHKCLS.

CHKCLS DEB8

Checks at TXTPTR for ")". Uses SYNCHR.

CHKOPN DEBB

Checks at TXTPTR for "(". Uses SYNCHR.

CHKCOM DEBE

Checks at TXTPTR for ", ". Uses SYNCHR.

SYNCHR DECO

Checks at TXTPTR for the character in A. TXTPTR is not modified. Normally exits through CHRGET. Exits with SYNTAX ERROR if they don't match.

Apple Tech Notes

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