



# Tech Info Library

## Applesoft: Internals--Error Processor Routines

Revised: 11/7/84  
Security: Everyone

Applesoft: Internals--Error Processor Routines

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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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