Tech Info Library

Applesoft: Internals--Error Processor Routines

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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
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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

Tech Info Library Article Number:82