



Tech Info Library

DOS 3.3: Hiding machine language routines above the file buffers

It's possible to position your machine language routines between DOS and its first file buffer so that they won't be overwritten by BASIC programs.

Since \$9D00 and \$9D01 (48K system) point into the first, highest buffer:

1. Add the number of pages (256 byte blocks) your routine needs to the contents of \$9D01.
2. Put a \$00 in the address now pointed at by the contents of \$9D00, \$9D01.
3. Store a \$00 at the address pointed at by the contents of \$9D00, \$9D01 plus \$25.
4. Perform a JSR \$A7D4 to rebuild the DOS file buffers and move the current BASIC's HIMEM down.

The first available address for your routine is the address pointed at by the contents of \$9D00, \$9D01 plus \$2D.

Apple Tech Notes

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