



# Tech Info Library

## Changing I/O Vectors in DOS and ProDOS

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Security: Everyone

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To change your I/O hooks when programming under DOS, install your I/O routine addresses in the character-out vector (\$36-\$37) and/or key-in vector (\$38-\$39); then, notify DOS (JSR \$3EA) to take your addresses and swap its intercept routine addresses in.

When programming under ProDOS, leave the ProDOS BASIC Command Interpreter's intercept addresses installed in \$36-\$39; install your I/O addresses in the global page at \$BE30-\$BE33. \$BE30-\$BE31 should contain the output address (normally \$FDF0: the monitor COUT1 routine), whereas \$BE32-\$BE33 should contain the input address (normally \$FD1B: the monitor KEYIN routine).

Keep those vectors in a global page so the special routine (JSR \$3EA) for moving the vectors won't be needed; just install your addresses at their destination yourself.

Apple Technical Communications

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