

and to tell you who is the "DEALER" and when the program is "SHUFFLING" etc. The same routine displays all the messages and represents a departure from the normal VIP way of doing things. In other words by figuring out the bit patterns of letters on graph paper and then displaying the bits with a DXYN instruction.

Every time the Message Center is called, several things happen. First the old message is erased by a machine language subroutine at 093A which sets the message window to all zeros. This was easier to program than writing a routine that erases messages by redisplaying the old one on top and then proceeding with the new message.

Any routine calling the Message Center first sets V0 equal to a number representing whatever message is to be displayed. The machine language subroutine at 094A uses the value of V0 to set the "I" pointer (which is in reality register RA to the computer) to the address of the proper ASCII string for that message. VC and V0 are then set to the XY coordinates of the display's message window, and the PRINT part of the Message Center sub at 0846 calls the Messenger sub located in the Chip-8 Interpreter supplied with your game. The Messenger sub requires the use of the DCD5 instruction at line 0848 and will print any ASCII string addressed by "I" up to 16 characters long. All strings must end with a 00 null