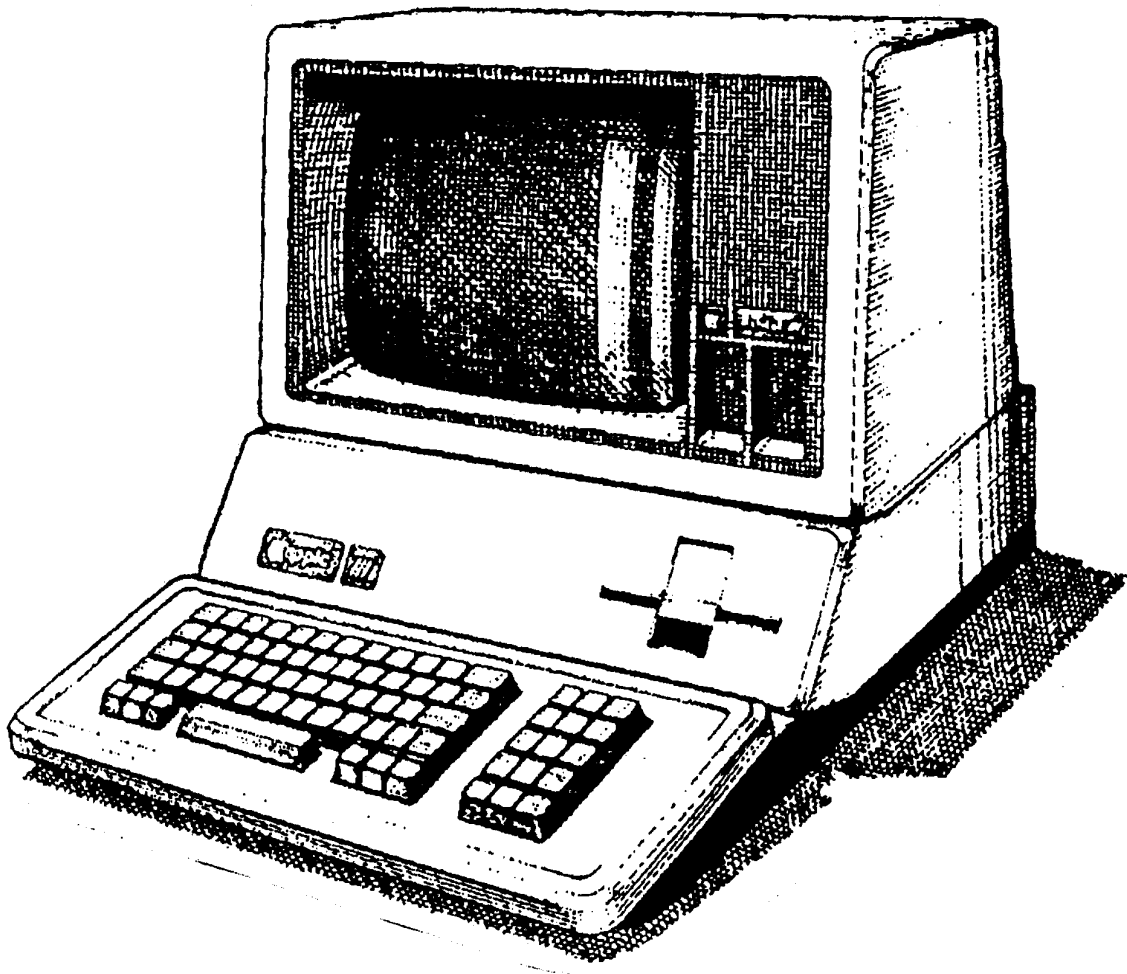




Apple /// Computer Information



DOCUMENT NAME	#
INFO ON HOW PASCAL UTILIZES DRIVERS	158
1986	

Ex Libris David T. Craig

4/23/90 10:11 AM Source...:A///PASCAL.DRIVERS.TEXT

Page 1

1 Title: Info on how Pascal utilizes drivers -
2 Created by: SYSOP on: 11/22/1988 13:42:33
3
4 Summary of what I've learned so far about large SOS.DRIVER files and Pascal:
5
6 30-Jul-85 21:15:41
7 Subject: Drivers and Pascal
8 From: Bart Cable
9
10 1. The max no. of Pascal driver slots is 17. CONSOLE takes two; RS232 does
11 also (if it's present).
12
13 2. On loading, Pascal makes 2 passes through the drivers, first filling
14 slots with standard ones (like CONSOLE, PRINTER, PROFILE, GRAFIX, RS232, D1
15 to D4, etc.). On the second pass it fills the remaining slots with the
16 others.
17
18 3. It assigns drivers in REVERSE order; the first ones in the driver file
19 are the last assigned, if there's room.
20
21 4. If more than 6 block device drivers (USCI, ProFile, QC-10, RAM disk) are
22 loaded, Pascal "tests" the additional ones to see if they're on-line (it
23 locks them out of the system if they're not). Here's where you should put
24 your USCI drivers near the end of SOS.DRIVER so they're part of the first 6,
25 or you'll need to keep formatted disks in the drives to prevent them being
26 considered off-line.
27
28 5. Pascal simply ignores drivers it has no room for, so you can put things
29 it doesn't need at the beginning of SOS.DRIVER (e.g., ATTACH, CATALYST,
30 AUDIO).
31
32 6. USCI drivers can be dynamically loaded by Catalyst; thus, you can choose
33 to load an active X3 or X4 from the Catalyst menu by a non-Pascal program.
34
35 7. Non-Pascal programs seem to be less restrictive on the max no. of
36 drivers.
37
38 8. The Catalyst QUARKCOM driver is initially set up with 4 character device
39 and 2 block device slots (UNUSED 1 to 6). System Utilities 1.1 allows you to
40 change this "device type" parameter.
41
42 9. System Utilities 1.2, which came with the ///+'s, can handle slightly
43 larger driver files in the System Configuration Program (SCP), but doesn't
44 allow you to modify device type (as 8 above).
45
46
47 04/20/1986 23:11:12
48 Appreciate all this good stuff on drivers....would that dear old Apple
49 took this good care of us with info.....thanx...Dan Martin