



Tech Info Library

Pascal: Reading DOS 3.3 Diskettes

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Security: Everyone

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Both Pascal and DOS 3.3 use the same recording format on the diskettes. Pascal can read a DOS diskette with the UNITREAD procedure, but there is a hitch: Pascal uses 512 byte blocks, while DOS uses 256 byte sectors. The following table shows the correspondence between Pascal's block number and DOS's track and sector numbers. Columns 4 and 5 refer to bytes 0..255 of the block and columns 2 and 3 refer to bytes 256..511.

(1) BLOCK	(2) TRACK	(3) SECTOR	(4) TRACK	(5) SECTOR
6	1	0	1	E
7	1	D	1	C
8	1	B	1	A
9	1	9	1	8
10	1	7	1	6
11	1	5	1	4
12	1	3	1	2
13	1	1	1	F
14	2	0	2	E

The rest of the disk is arranged the same, except that the track number increases.

Apple Tech Notes

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