

4 sec/cluster

200h bytes/sector

CP entries in root

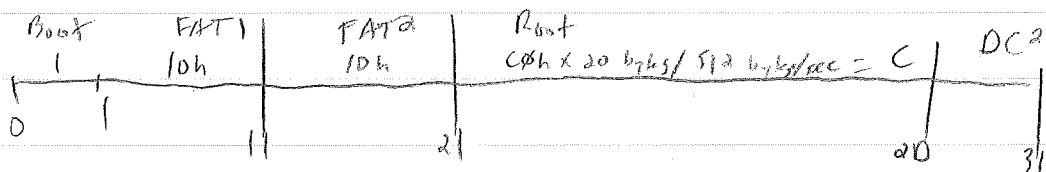
2 FATs

10h sectors/FAT

1. diagram layout
2. root begins?
3. DC begins?
4. ABS sector for data cluster $2Ch$
 $10h$

32 bytes per entry

boot : 1 sector



$$ABS = PC2 + \#sec/cluster \times N - 2$$

$$2D \times 4(2C - 2)$$

$$2D \times 4(2A)$$

$$2D \times A8$$

DS

DC2 starts at 21h

$$743_h = 7 \times 256 + 9 \times 16 + 3 = 1792 + 69 + 3 = 1859 \text{ bytes}$$

- | 100 0 ABS |

- d

- e [offset] data

- w

N_{even}

$$N \times 18h = \text{offset}$$

reverse & use 3 bits on right

$N=46$

$$(N-1) \times 18h + 1 = \text{offset} \quad \text{reverse & use 3 bits on left}$$

$$\text{offset for 1A} = \begin{array}{r} 51A \\ \times 18 \\ \hline 0 \end{array} = 127$$

$$\text{offset for 1B} = 128 = \text{cool}$$

0100

$$\text{offset for 1C} = 2A0$$

not is at 13h