**XX: 1 2 3**

**XX:0123456789ABCDEF0123456789ABCDEF0123456789ABCDEF0123456789ABCDEF**

**00:**0010007495553000000000000000000000000000000000000000000000000000

**01:**1020000000000000000000000000000000000000000000000000000000000000

**02:**1030000000000000000000000000000000000000000000000000000000000000

**03:**1040000000000000000000000000000000000000000000000000000000000000

**04:**1050000000000000000000000000000000000000000000000000000000000000

**05:**1060000000000000000000000000000000000000000000000000000000000000

**06:**1090000000000000000000000000000000000000000000000000000000000000

**07:**3080046524544004150504C45000000000000000000000000000000000000000

**08:**31D004632004920414d204652454420464154000000000000000000000000000

**09:**10A0000000000000000000000000000000000000000000000000000000000000

**0A:**10B0000000000000000000000000000000000000000000000000000000000000

**0B:**10C0000000000000000000000000000000000000000000000000000000000000

**0C:**10D0000000000000000000000000000000000000000000000000000000000000

**0D:**10E0000000000000000000000000000000000000000000000000000000000000

**0E:**10F0000000000000000000000000000000000000000000000000000000000000

**0F:**1100000000000000000000000000000000000000000000000000000000000000

**10:**11F0000000000000000000000000000000000000000000000000000000000000

**11:**1120000000000000000000000000000000000000000000000000000000000000

**12:**1130000000000000000000000000000000000000000000000000000000000000

**13:**1140000000000000000000000000000000000000000000000000000000000000

**14:**1150000000000000000000000000000000000000000000000000000000000000

**15:**1160000000000000000000000000000000000000000000000000000000000000

**16:**1170000000000000000000000000000000000000000000000000000000000000

**17:**1180000000000000000000000000000000000000000000000000000000000000

**18:**1190000000000000000000000000000000000000000000000000000000000000

**19:**11B0000000000000000000000000000000000000000000000000000000000000

**1A:**400504542424C455320414E442044494E4f2E000000000000000000000000000

**1B:**1000000000000000000000000000000000000000000000000000000000000000

**1C:**3000057494C4D410044524553530000000000000000000000000000000000000

**1D:**31C1A42414D42414D004D592046414D494C59204953204652454420414E44200

**1E:**1110000000000000000000000000000000000000000000000000000000000000

**1F:**11E0000000000000000000000000000000000000000000000000000000000000

Notes:

1. This is a flat file system, single directory, 32 lines of 32 bytes (64 nibbles).

2. Root is always at Cluster 0.

3. For next pointers, 0 is null, nothing points to root.

4. “XX:” lines (two of them) are just for your interpretation, not on the disk

5. 01: first three characters of all data lines are for your interpretation, also.

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Byte zero of every cluster:

0 folder

1 empty

2 damaged

3 file header

4 file data

--------------------------------------------------------------

Root Cluster (Root dir always starts at cluster 0, LL)

Start LenNibbles Contents

1. 01 cluster type
2. 02 pointer to linked list of available

03 02 pointer to linked list of bad clusters

05 02 pointer to linked list of file headers

07 XX volume name (end with null character)

--------------------------------------------------------------

File Header Cluster (self contained, no extension)

Start LenNibbles Contents

00 01 cluster type

01 02 next pointer to next file

03 02 next pointer to file data cluster (if necessary)

02 XX file name (end with null character)

Remainder is file data

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File Data Cluster

Start LenNibbles Contents

00 01 cluster type

01 02 Next pointer to file data cluster extension

03 XX remainder is file data (except last nibble)