

C0PYSTAR SECTOR FORMAT

| XX | DESCRIPTION | TYPE | SIZE |
|---|-------------------------------|------------|------|
| AC | "C0PYSTAR" sector marker | ASCII/text | 08 |
| AF | Decimal format version [1..9] | ASCII/text | 01 |
| AD | "DATA" data sector marker | ASCII/text | 04 |
| AM | "META" metadata sector marker | ASCII/text | 04 |
| AS | Sector-size | uint | 04 |
| BH | Stored-file-SHA512 | byte array | 64 |
| BL | Stored-file-length | ulong | 08 |
| CN | Sector-number | ulong | 08 |
| DD | Payload | byte array | .. |
| FH | Sector-SHA512 | byte array | 64 |
| FORMAT DATA TOTAL (little endian) | | | 161 |
| 1. DATA SECTOR (BYTES): [AC AF AD AS BH BL CN DD FH] | | | |
| 2. METADATA SECTOR (JSON): [AC AF AM AS BH BL CN DD FH] | | | |
| 3. <Payload> = <Sector-size> - 161 | | | |

C0PYSTAR1 DATA SECTOR FORMAT/PAYLOAD

Sector Marker: C0PYSTAR1DATA

Payload: Stored file bytes

C0PYSTAR1 METADATA SECTOR FORMAT/PAYLOAD

Sector Marker: C0PYSTAR1META

Payload: Filename with/without relative path (UTF-8 / without BOM / UNIX-style)

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<https://github.com/art-drobanov/C0PYSTAR>