

Hash	Type
01c:badc0ffe	CHID
01c:f00dcoff	MHID
01c:b01dface	NHID

Note that 01c: is the Prefix for b2sum cryptographic hashes

MANIFEST

01c:1cf0f4ae	The hash of the previous Manifest
01c:7030be4f	The hash of the back reference chain
01c:b82f730c	The version # of the object
01c:1cf0f4ae	The hash of the previous Manifest
01c:39a63d69	The major version number of the manifest format
01c:6dbb4624	The minor version number of the manifest format
01c:107f8b0f	The length of the object
01c:3e477571	The Creation Time of the Object
01c:202f8ad3	The hash of the first chunk of the object
01c:da98fea7	The offset of the first chunk
01c:16746cb5	The hash of the second chunk of the object
01c:34835f97	The offset of the second chunk



01c:16adb60a	The hash of the eighth chunk of the object
01c:6c351cd2	The offset of the eighth chunk

Name Hash

01c:2706aa0b	Hash of the object manifest that the name refers to
01c:08f728f6	Hash of name-affiliated metadata (e.g. owner, permissions)
<=2048**	Length of the name string
xxxxx	Length of the dirpath string
"Name of object"	Character string of the object name (basename)
"dirpath of object"	Character string of the object directory path

Name Metadata

1000*	Owner UserID #
1000*	Owner GroupID #
rw-rw-rw-	Owner, Group, World RWX Permissions
01c:c2b323ec	Hash to the first name - affiliated metadata chunk

* a stand-in for the user number. With the cooperation between Microsoft, Apple and Google, this may be a globally unique string.

** 2048 bytes is an arbitrary number, it should probably be at least 4096

Backreference

01c:5ccfae81	Name HashID of the first name that refers to this object
UCT:20190707_182043	Time Stamp When Backreference was created in seconds since Epoch
FALSE/TRUE	Flag to mark if the speculative back reference is confirmed or not
01c:c22d0e21	Hash of the next back reference
01c:6ebb7a45	Hash of the previous back reference

Chunk Metadata

01c:cfda1b7	Hash of the most recent access time record for the chunk
01c:a730bfb9	Hash to the first chunk - affiliated metadata chunk

Chunk access Metadata

01c:0b78b3f2	Hash of the previous access time record for the chunk
UCT:20190707_182043	Most recent access time for the chunk
1000*	Owner UserID #
1000*	Owner GroupID #

Chunklog

Xxx:Name Hash
ID

NHID

20200715T11:30-
7:00

Xxx:Chunk Hash
ID

CHID

20200715T11:30-
7:00