

zlmdb database format in general key-value stores:

Key =		Value
slot (uint16) +	akey	
0	-	Metadata
1	-	Metadata signing key
2	-	Metadata signature
3	...	Application data
4	...	Application data
...		

zlmdb database metadata embedded that describes the application data slots:

	slot (uint16)	key_type	value_type	value_schema	name	description
>>	0	-	CBOR	-	meta	Metadata (serialized in CBOR format).
	1	-	Binary	32 bytes fixed len	meta_skey	Ed25519 public signing key
	2	-	Binary	64 bytes fixed len	meta_sign	Ed25519 signature
^	3	String	JSON	-	userdata	Arbitrary user data (serialized in JSON format).
^	4	Uuid	CBOR	-	mrealms	Management realms.
^
^	15	Uuid	Flatbuffers	fbs schema	users	All users registered in this CFC domain according to CFC defined Flatbuffer schema.
^	16	Uuid	DataFrame	dtypes	sysload	System load timeseries as Apache Arrow data frames.
^
	65535	A single KV store (eg LMDB database file) can have at most 65535 slots with data.				

Key Types: OID (64 bit), UUID (128 bit), SHA256 (256 bit), String (arbitrary length), OID-OID, OID-UUID, OID-String, UUID-OID, UUID-UUID, UUID-String

Value Types: String, OID, UUID, JSON, CBOR, Pickle, FlatBuffers, DataFrames