

FABRIC (always JSON for consistency + recognizability)

■■■ UPDATE / CREATION

- ■■■ Input
 - ■■■ Graphical UI (vivify.client)
 - ■■■ Curses CLI (vivify.client)
- ■■■ Autovivify
 - ■■■ Build un■schema'd JSON (hash of hashes)
- ■■■ Secrecy
 - ■■■ Encrypt secrets
- ■■■ Freeze
 - ■■■ Serialize payload → prepare for IP send
- ■■■ Server
 - ■■■ Strip first two layers (name, app■name/topic)
 - ■■■ Remove large binary chunks
 - ■■■ Store remainder
 - ■■■ JSON file
 - ■■■ Blob (binary large object)
 - ■■■ Must have meaningful text name (metadata)
 - ■■■ Stored unencrypted for admin ease
 - ■■■ Secrets remain client■encrypted
 - ■■■ Same password usable for casual access

■■■ RETRIEVAL

- ■■■ Input
 - ■■■ Graphical UI (vivify.client)
 - ■■■ Curses CLI (vivify.client)
- ■■■ Payload creation
 - ■■■ Input name (db top layer)
 - ■■■ App/topic name
 - ■■■ Next layer + desired value
 - ■■■ db■user secret + app■name
 - ■■■ Access JSON file
 - ■■■ Traverse depth (Perl■like hash of hashes)
- ■■■ Return
 - ■■■ Desired value (encrypted payload)
 - ■■■ If structure named → whole or subset returned
- ■■■ Client
 - ■■■ Reverse creation process
 - ■■■ Print data