

Decentralized Vault dApp

User Interface

Upload Download Share Delete Search

Libraries

Crypto lib

Encrypt Decrypt

Gzip lib

Compress Decompress

Apis

Smart Contract API

Update files' metadata

Delete file's metadata

Share file's metadata

Get files' metadata

Web3 Provider API

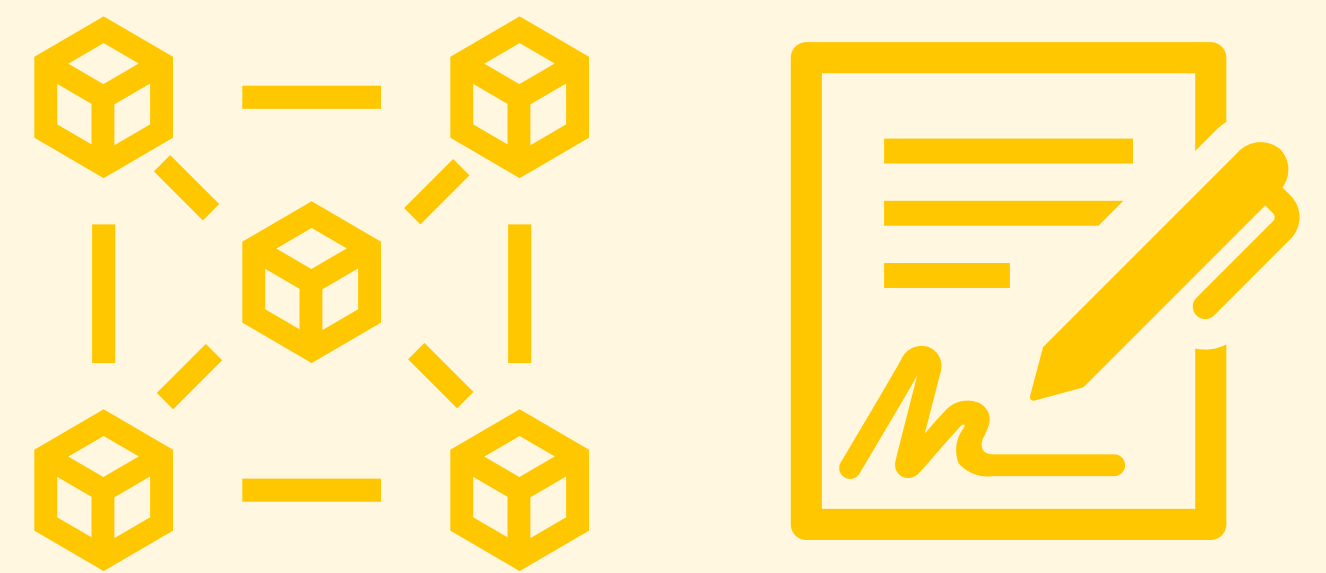
Get signer

IPFS API

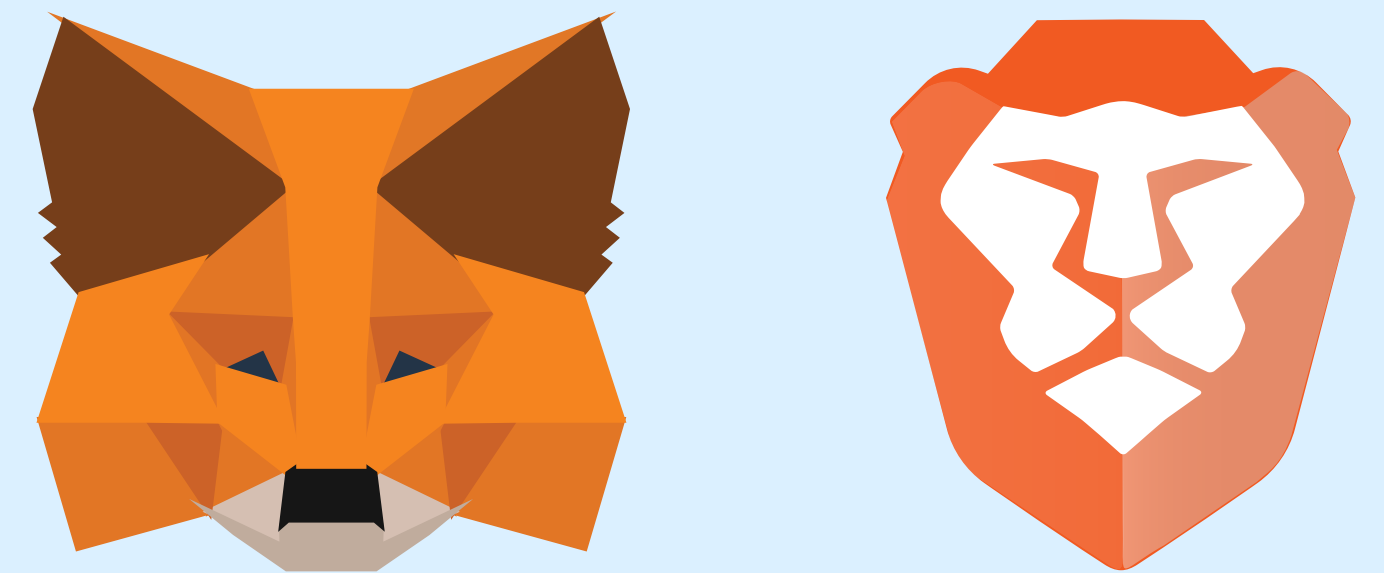
Add file

Get file

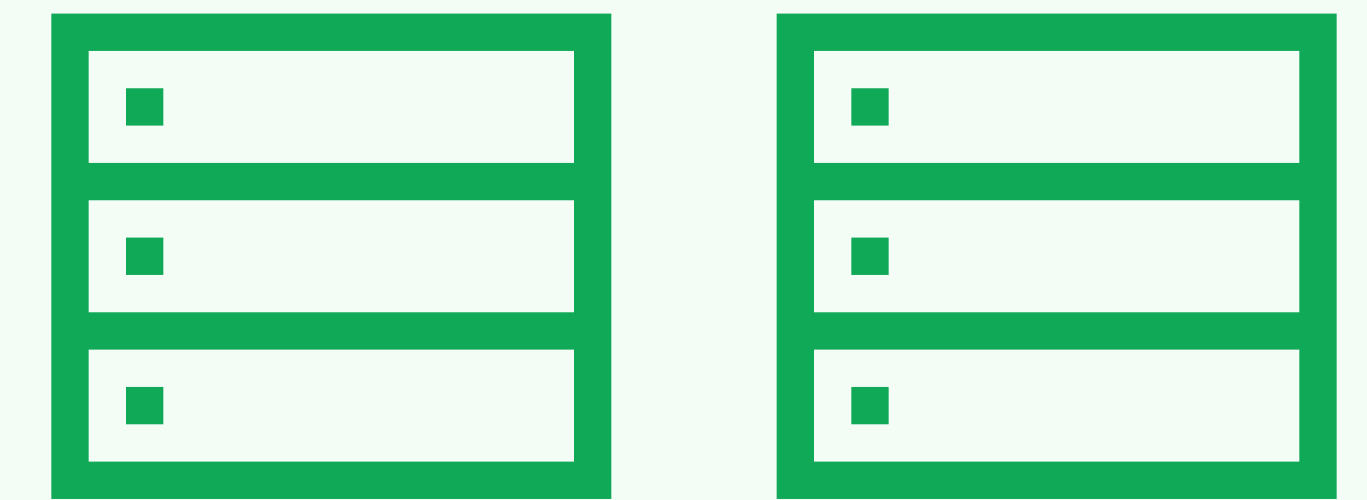
Smart Contract / Blockchain



Web3 Provider / Metamask



IPFS Network



Sign transaction