App Framework

Simplify app management

About

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Custom building an app requires programming experts and talent. More than that, It is costly and takes longer.

Imagine building a custom database application, static website or content site in hours instead of years. That too Secured. Scalable.

- Web 2 or web 3
- On premise or cloud
- Centralized or decentralized
- No code solution
- Decentralized and distributed app engine

Use cases

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- Website builder
- Relational database app builder
- Document app builder
- Document production
- Document template
- Web content builder
- Bulk email

- Identity management
- Access management
- Participant management
- Business process management
- Business activity management
- Rules engine

- Centralized or decentralized
- Web 2 & Web 3

Example

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TruckMoon is truck management company with more than 150 employees and they want to build a custom solution to manage their trucks.

Scope of work: Capture basic Truck info, driver info, routes and trips. TruckMoon also wanted trip data to be in a ledger.

Users: 3 Truck admin user and 150 of employees and 3000 drivers

Step 1: TruckMoon took a custom build quote from a leading software development company. Software vendor proposed Java and Amazon as technologies, $500,000 for development, $100,000 onboarding and 10 months delivery time.

TruckMoon did not have the budget or patience to wait that longer. TruckMoon find us. We estimated 1 month delivery time, a dedicated environment. The solution will cost only a fraction.

TruckMoon logs into our system, create users, groups and roles. Create screens for entities like Truck and Driver. Utilize document, content, BRMS and BPM features to quickly rollout the product.

Sounds over simplified? - Let us see a demo

Ecosystem

Simplify app management

Ecosystem

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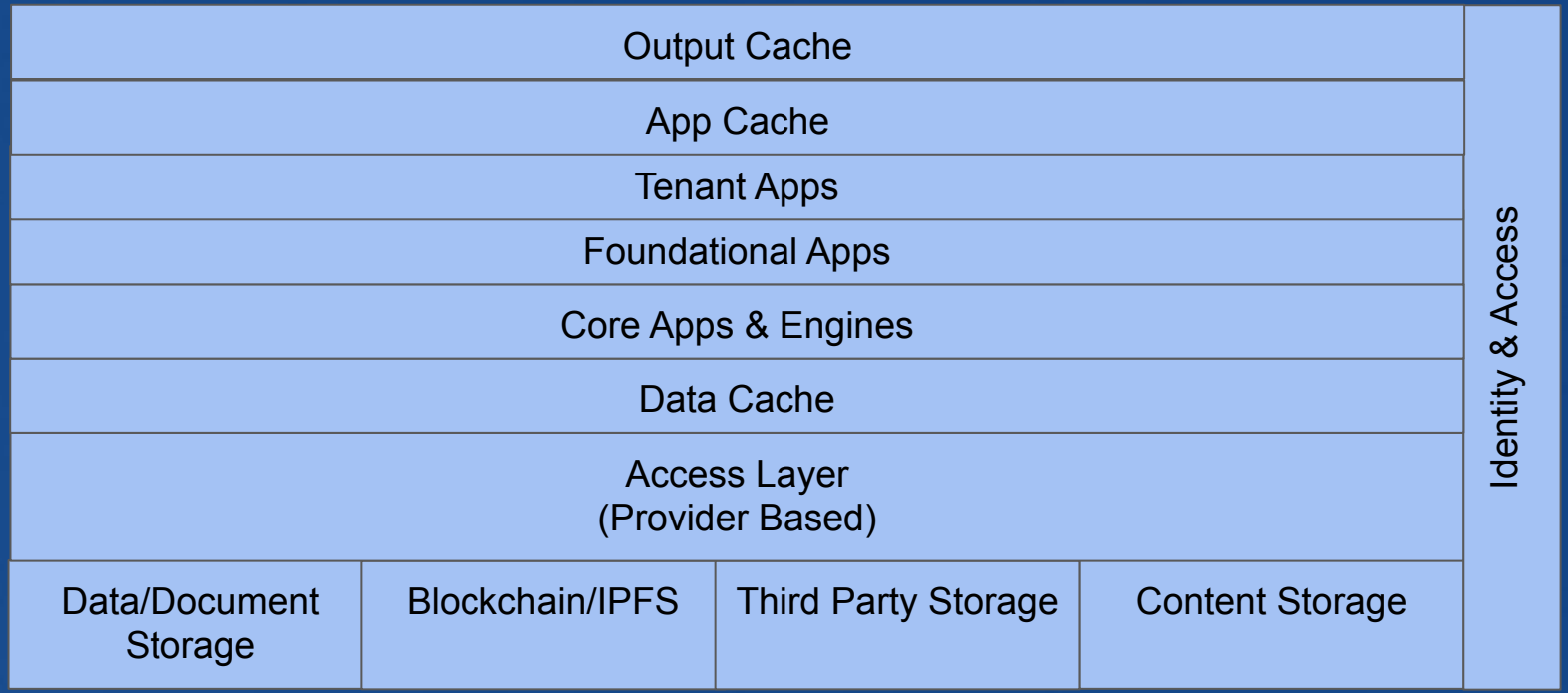

Ecosystem - Document Storage Layer

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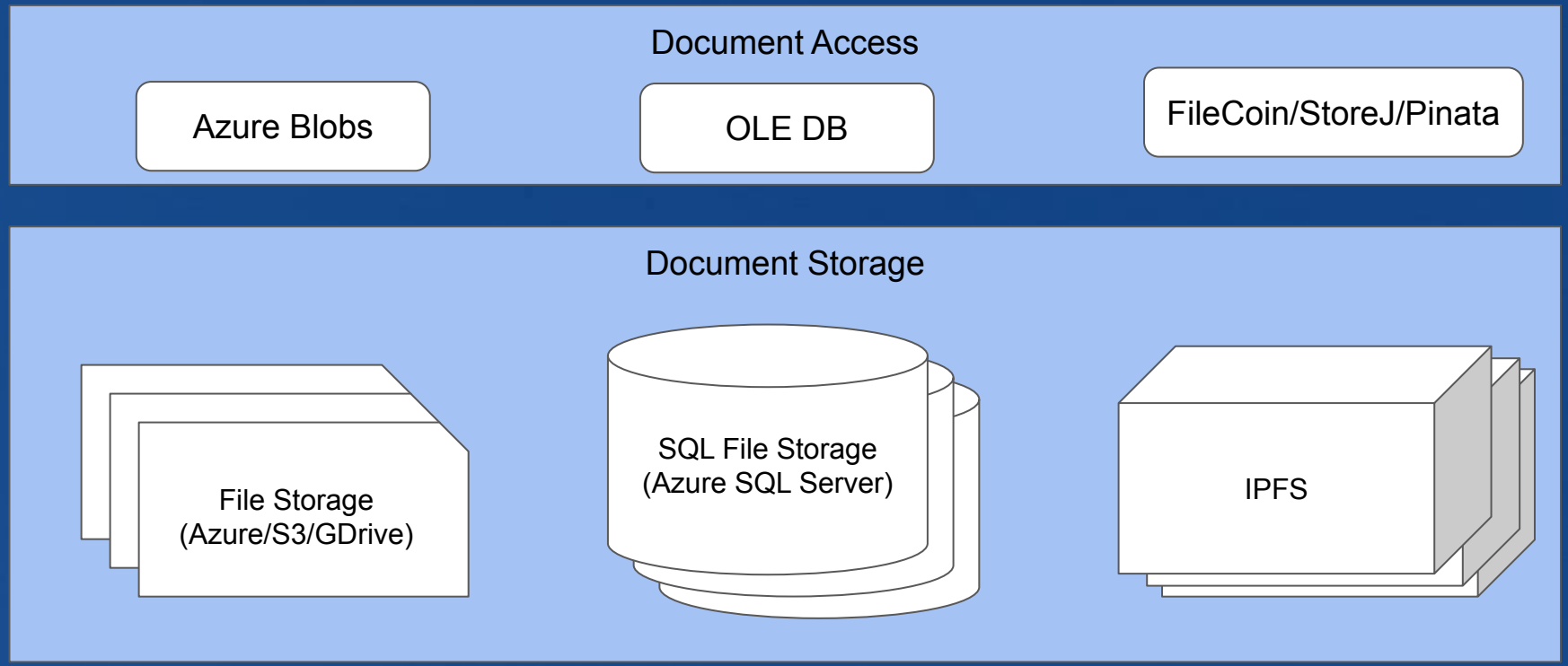

Ecosystem - Data Storage Layer

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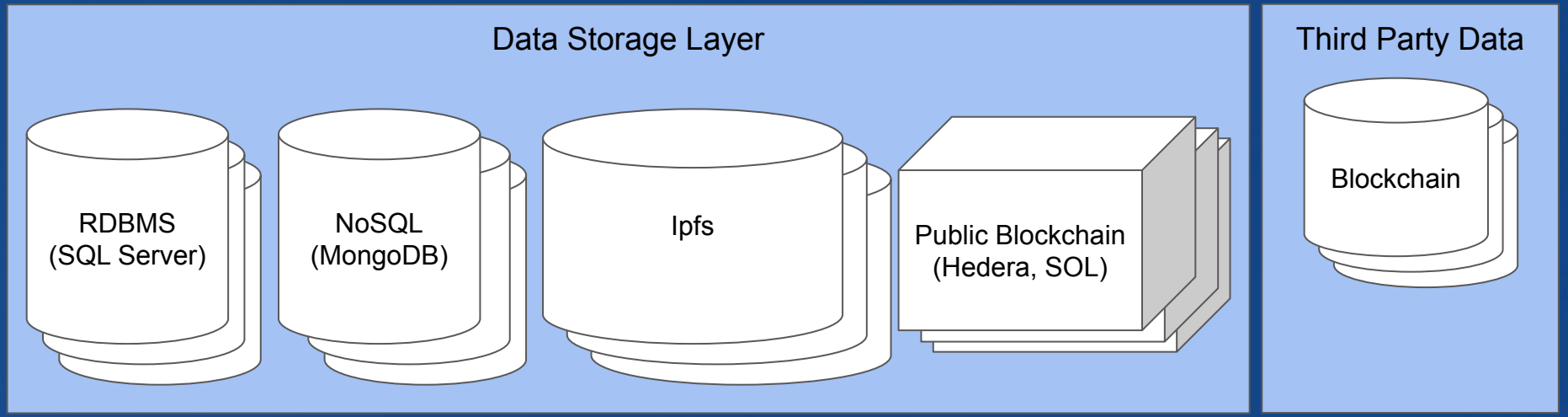

Core Components

Ecosystem

Ecosystem - Core Components

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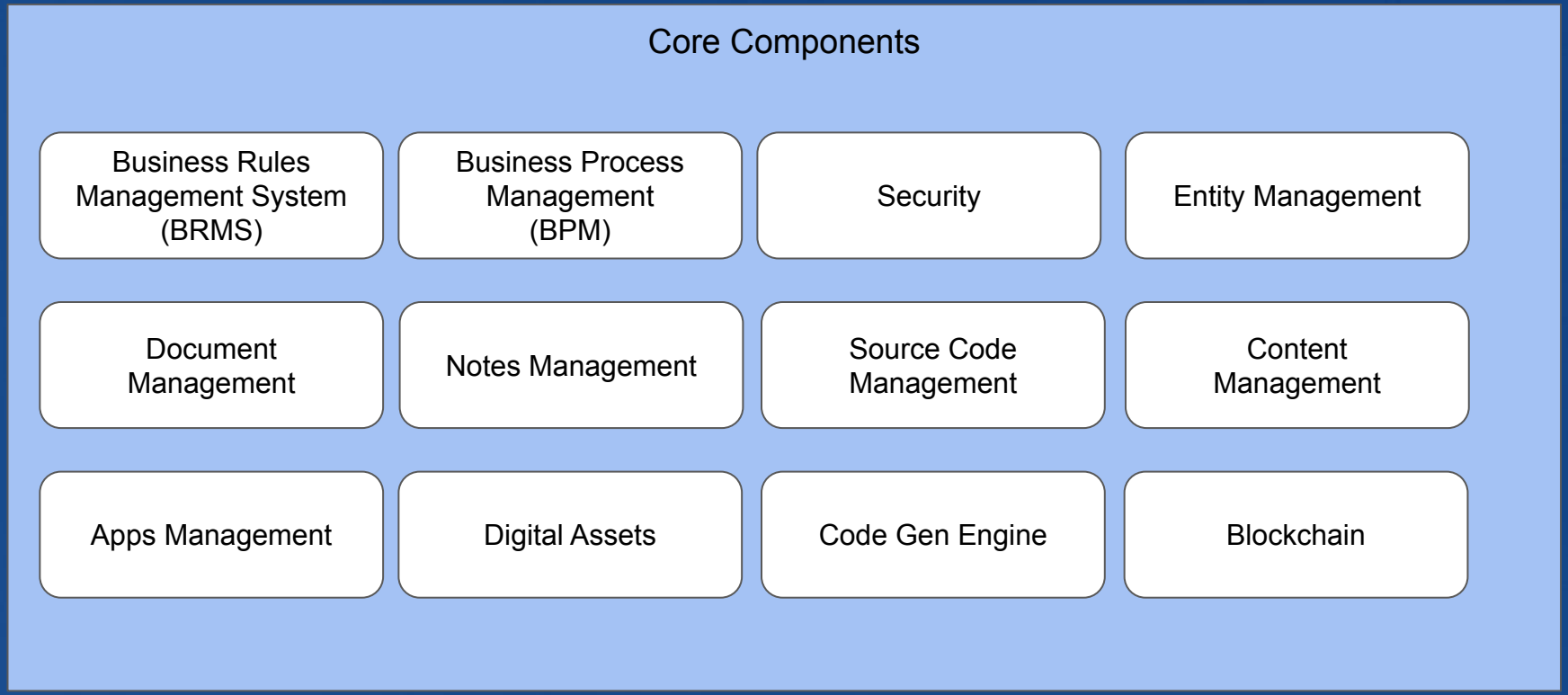

Security

Ecosystem - Core Components

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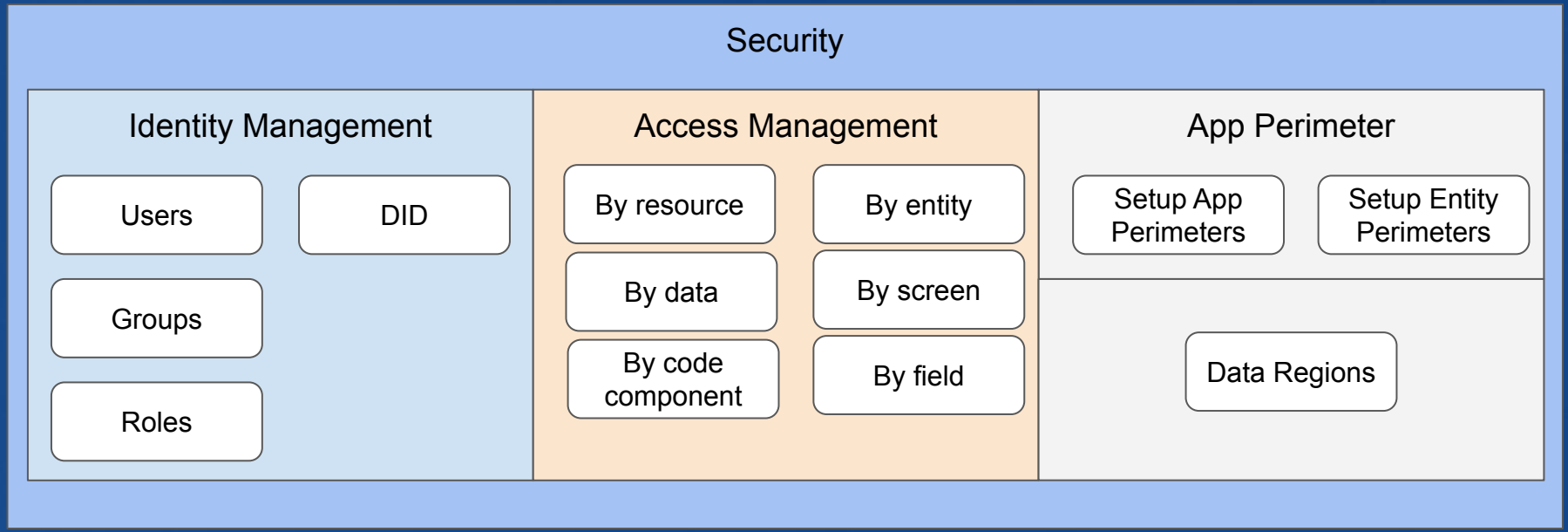

Document Management

Ecosystem - Core Components

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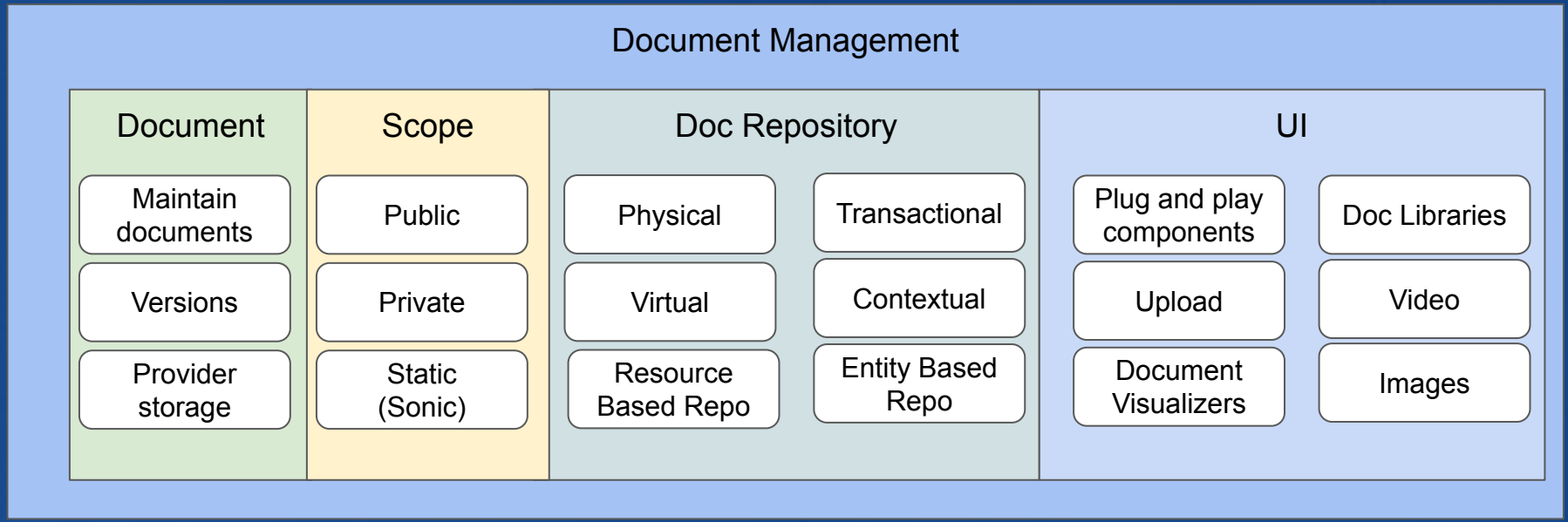

Document Production

Ecosystem - Core Components

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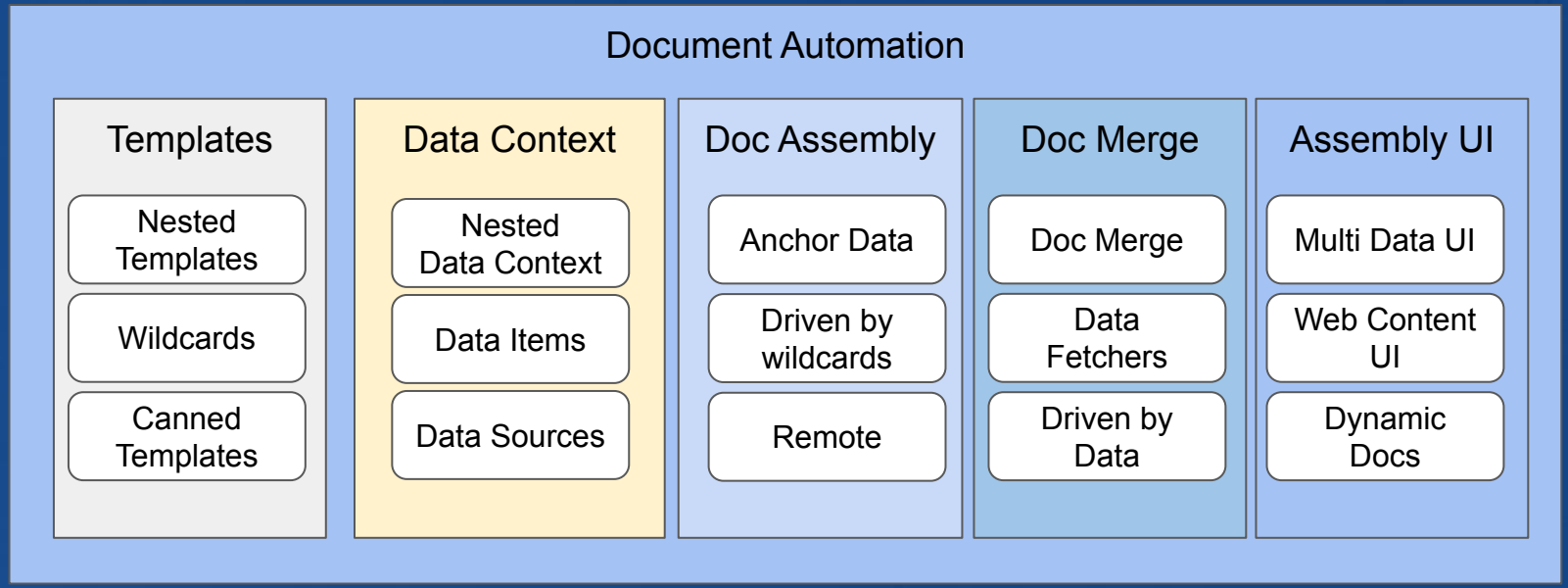
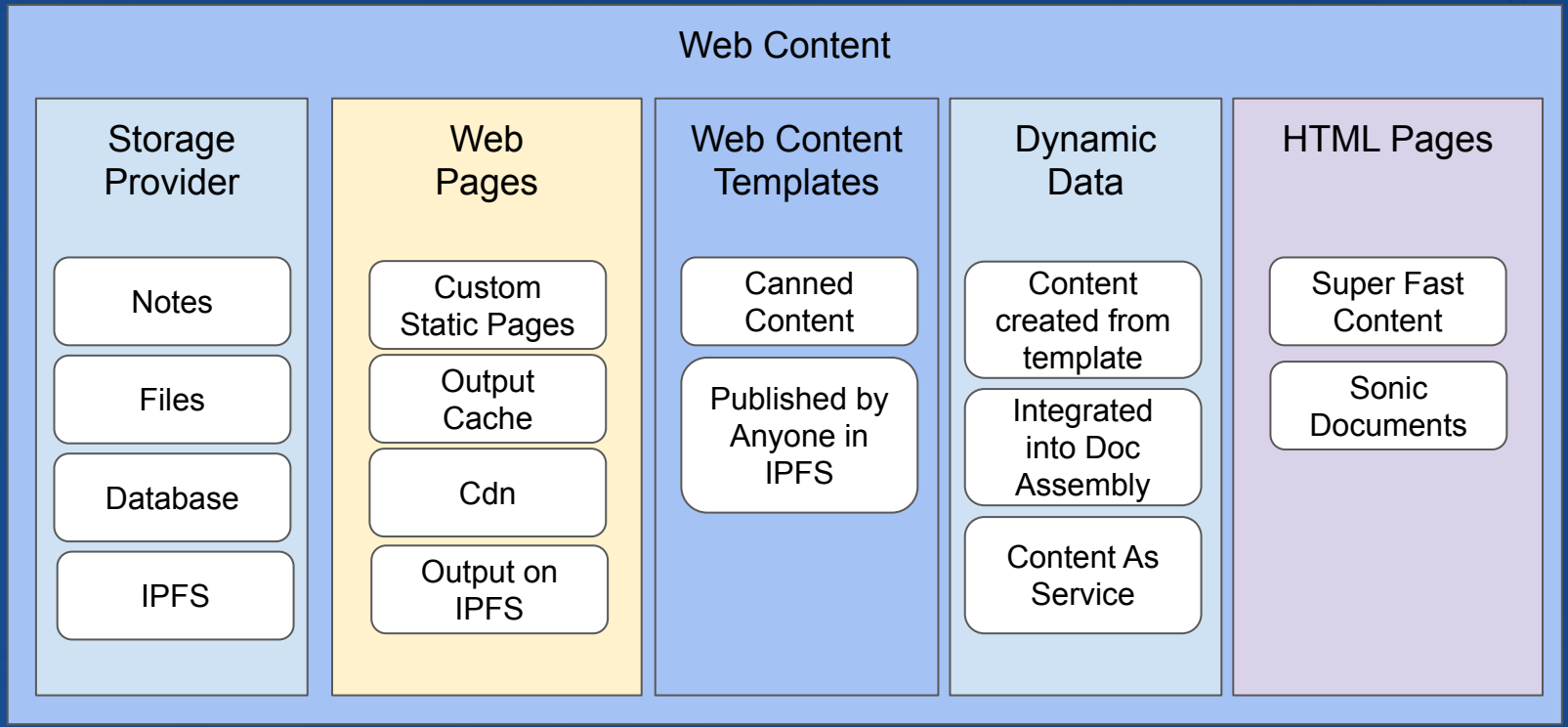


Content

Ecosystem - Core Components



Pages

Ecosystem - Core Components

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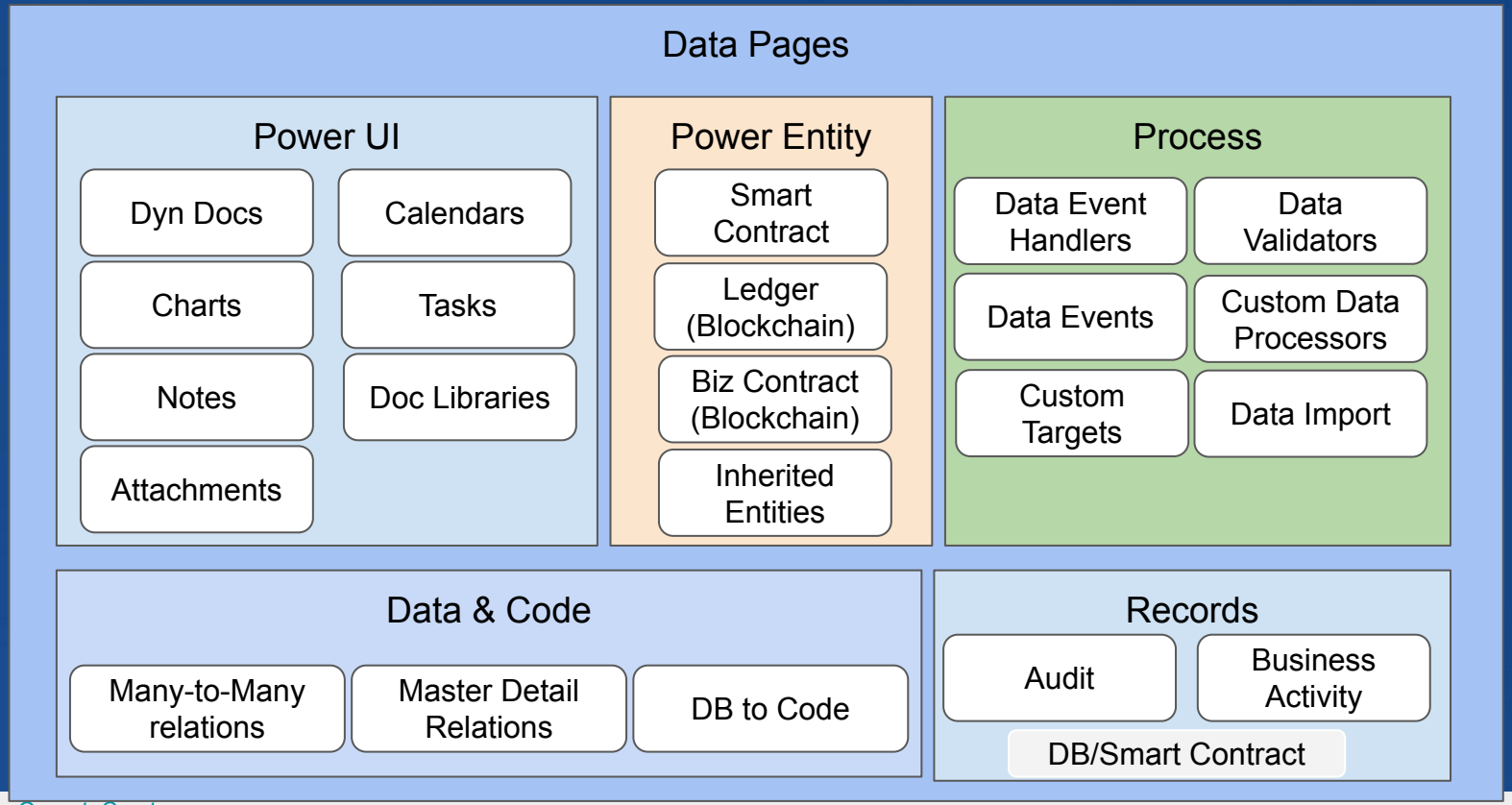
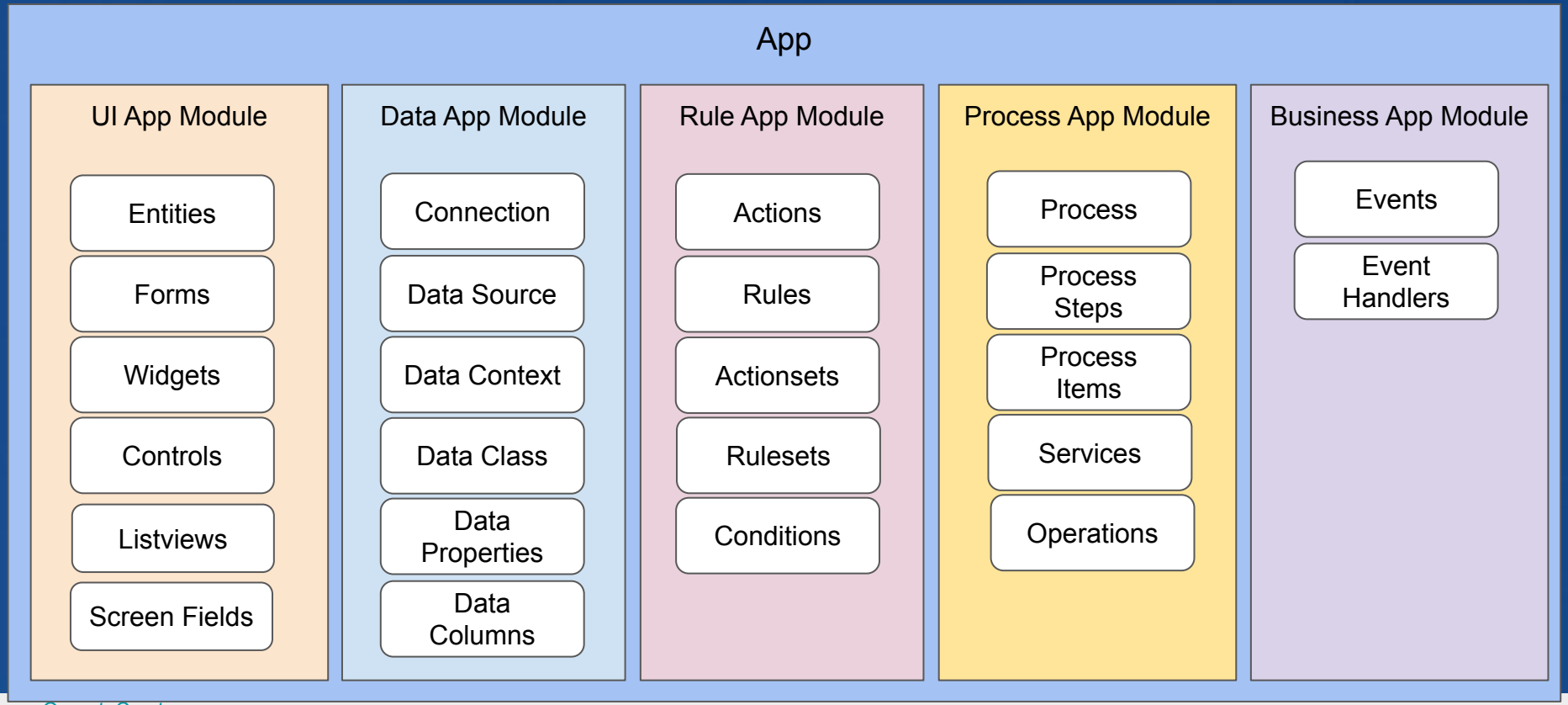


Foundation

Ecosystem - Building Blocks



Ecosystem - Source Code Management

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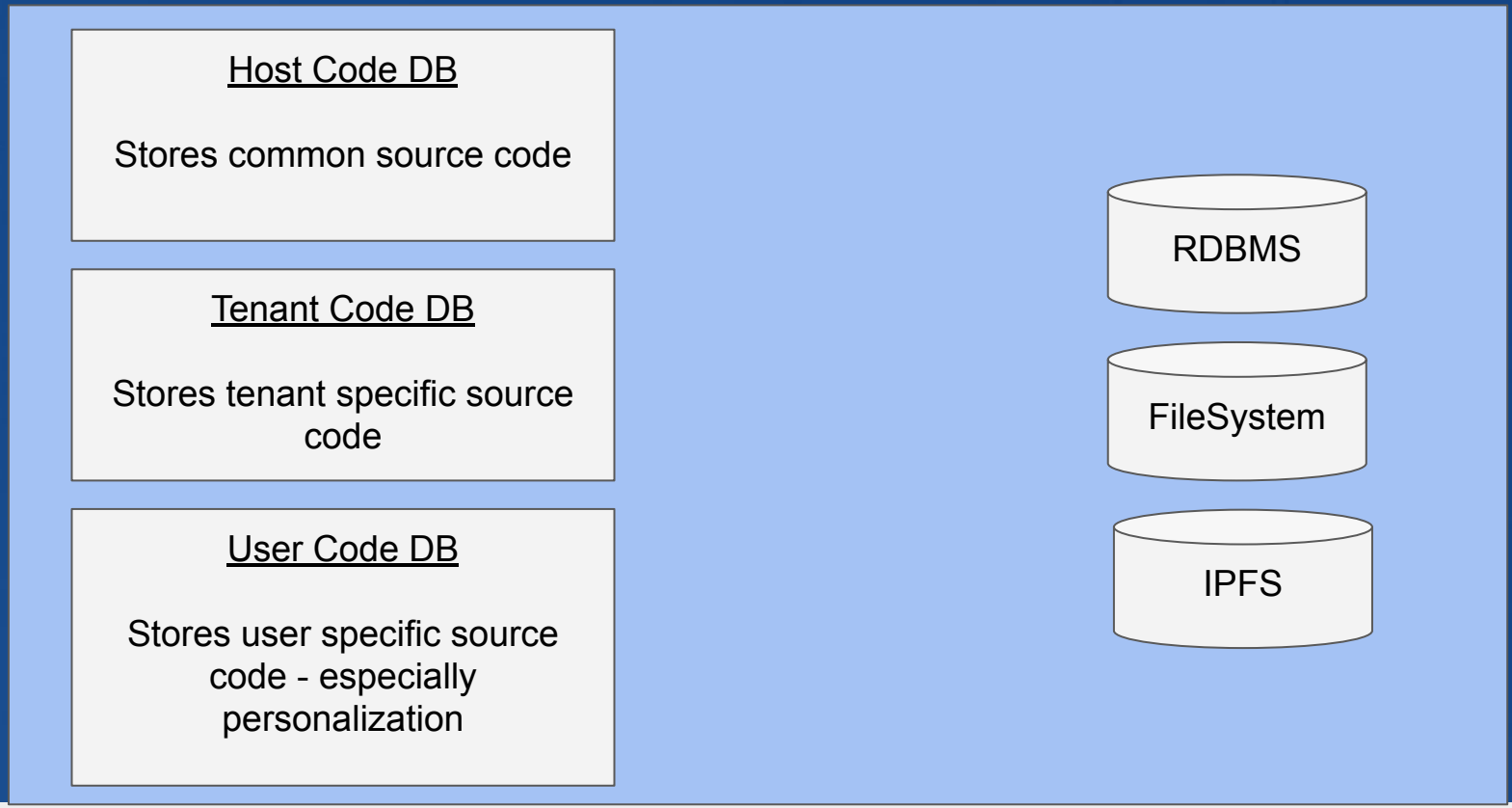
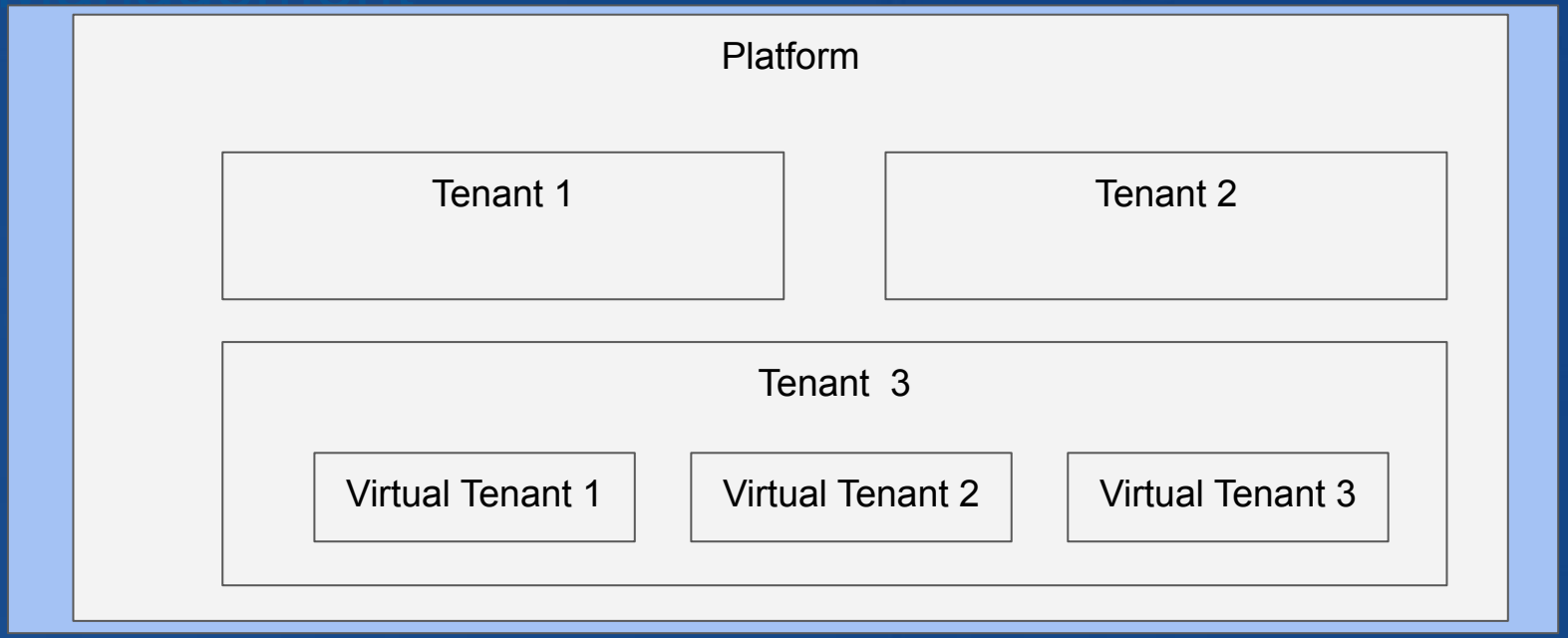


Ecosystem - Tenant Structure Management



Platform - Dedicated infrastructure
Tenant - Shared Infrastructure/Isolated DB (Onboarding cost $2, Monthly COO - $1)
Virtual Tenant - Shared Infrastructure/Shared DB (Onboarding cost $0.03, Monthly COO - $0.001)

Trends

Development Trends

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95% of apps has low admins
70% of functionality in every app can be categorized as simplex
Machine learning will replace 95% of coding by 2050
No-Code approaches in today's world is not machine learning friendly

Crypto Apps

Crypto Apps

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1. Blockchain wallets - Manage (done)
    a. Blockchain account model
2. Crypto transactions - Manage (done)
    a. Payment model
3. Crypto transactions - metamask integration (in progress)
    a. DID
4. Blockchain integration - Code-Gen Smart Contract
    a. You entity will be converted into a smart contract and deployed
5. Crypto to credit
    a. You app billing require a currency. A module

IPFS Apps

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1. IPFS integration - documents (in progress)
    a. Encrypted documents in blockchain
    b. Public documents in blockchain
2. IPFS integration - source code
    a. Your app source code in blockchain
    b. App engine hash based on loaded code - distributed app execution model
3. IPFS integration - business contracts
    a. Distributed contract signing model
4. IPFS - web content (in progress)
    a. Imagine your static web site running from IPFS (Pinata)