Document Merge & Assembly

Extreme Document Merge

Introduction

Merge data with document templates

Produce amazing documents

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- Merge data and document templates to create documents
- Powerful document publishing module

Why

Document Assembly - Business Challenge

- Almost every small or large organization require document merge.
    - Every organization will have to send personalized, yet mass produced, emails to their customers.
        - Product promotions
        - Birthday wishes
        - Notices
    - Organizations will have to create great looking product pages or service bases based on great looking document templates
    - Organizations also need to generate dynamic web content(web pages)
- Available document management softwares in the current market have these issues
    - Highly priced
    - Disallow private labeling
    - Limited data integration
    - Document templates that are not flexible
    - Does not support organizational wildcards
    - Does not support optional decentralized architecture
    - Does not support multiple providers for document storage or document publish
- Legal Contract document generation industry is not really untapped

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Document Assembly as a Framework

- Docu Merge software is created at a framework level
- App developers can build vertical document applications on top of DocuMerge

See Examples

Document Assembly as a Framework

Example 1: Code Gen Platform : Source code generation software

- Code Gen Platform offers a specific list of wildcards for generation of source code for any development language.
- Code Gen Platform can be customized to add any number of new metadata definitions or wildcards within minutes
- Code Gen Platform is built using DocuMerge. All default wildcards will be already available. Code Gen Platform specific wildcards are built by Code Gen Platform team so their users can use them with ease

Document Assembly as a Framework

Example 2: Campaign Hulk: Email Marketing Software

- Integrated with a powerful email software
- Campaign Hulk offers a specific list of wildcards for generation of marketing content
- Campaign Hulk can be customized to add any number of new metadata definitions or wildcards within minutes based on your product and customer database
- Campaign Hulk is built using DocuMerge. All default wildcards will be already available. Campaign Hulk specific wildcards are built by Campaign Hulk team so their users can use them with ease

How to build an app on top of Merge First

- Identify data needs and databases

- Define a Doc Assembly Package Project

- Define Data sources

- Define Data Contexts

- Define Wildcard Variables

- Define Wildcards

- Define Templates and Groups

In hours, you will be able to build and launch your new Document Assembly Software as SaaS service or Enterprise solution

Hosting and Execution Models

- On Cloud
- Managed Cloud
- On Premise
- Centralized SaaS
- De-Centralized Service (Remote Assembly using blockchain tech. Experimental.)
- De-Centralized Server (Execution server is a blockchain Node. Experimental.)

A marketplace for

Template Makers (Sellers lists custom templates)

- Buyers shop around for templates, for example beautiful email templates, high quality source code templates or Personal WILL legal templates)
- Buyers utilize rating system

Decentralized Doc Merge Servers

- A peer-to-peer server group,
- Decentralized
- Optionally servers are authorized based on Proof of Authority approach
- Optionally engage a hash based consensus approach to finalize

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Processes

Features

Processes

Data Management

Execution Engine Management

Template Management

Wildcard Management

Publish Management

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Create Document Templates	Template Pre-Processor
Define Nested Templates	Template Post-Processor
Define Subordinate Templates	Define Template Categories
Define Template Groups	Template Level Publish Rules

Manage Data Sources

Manage Data Context

Manage Query Based Wildcards

Execution Engine Management

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Doc Assembly Task

Execute Options

Publish Management

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File Storage

UI Render

Folder Merge

Email

Document Repo

Database

Download

Custom

Foreach

Sql Field Reader

While

Data Field

If

Many More

Template

Architecture

Architecture

Assembly Engines

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Publish Engine

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Template Engine

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Template
Pre Processors

Template
Post Processors

Custom
Processors

Nested Template
Publish

Nested Templates

Subordinate
Templates

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Data Source

NOSQL Database

SQL Database

XML

Rule

Web Service

Rule
Custom Code
Custom Api

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Expression Engine
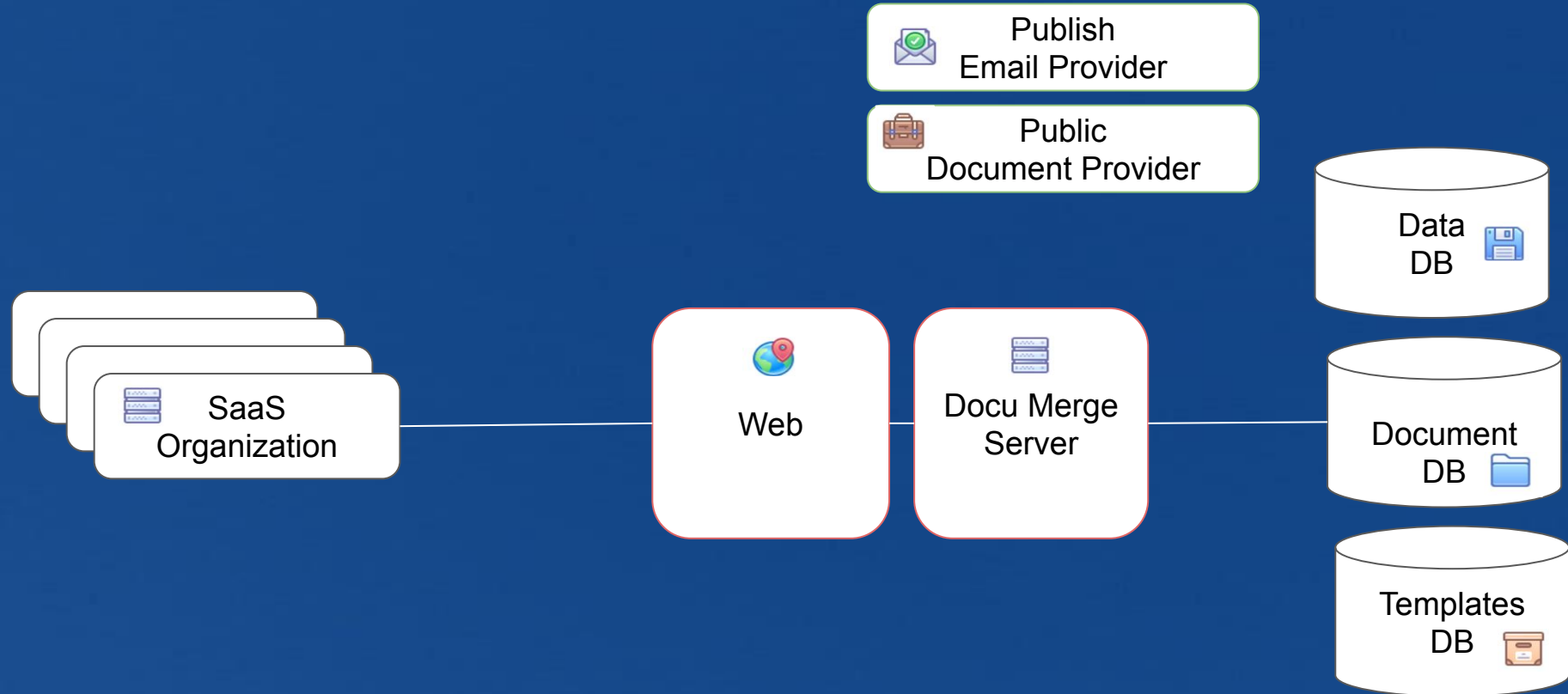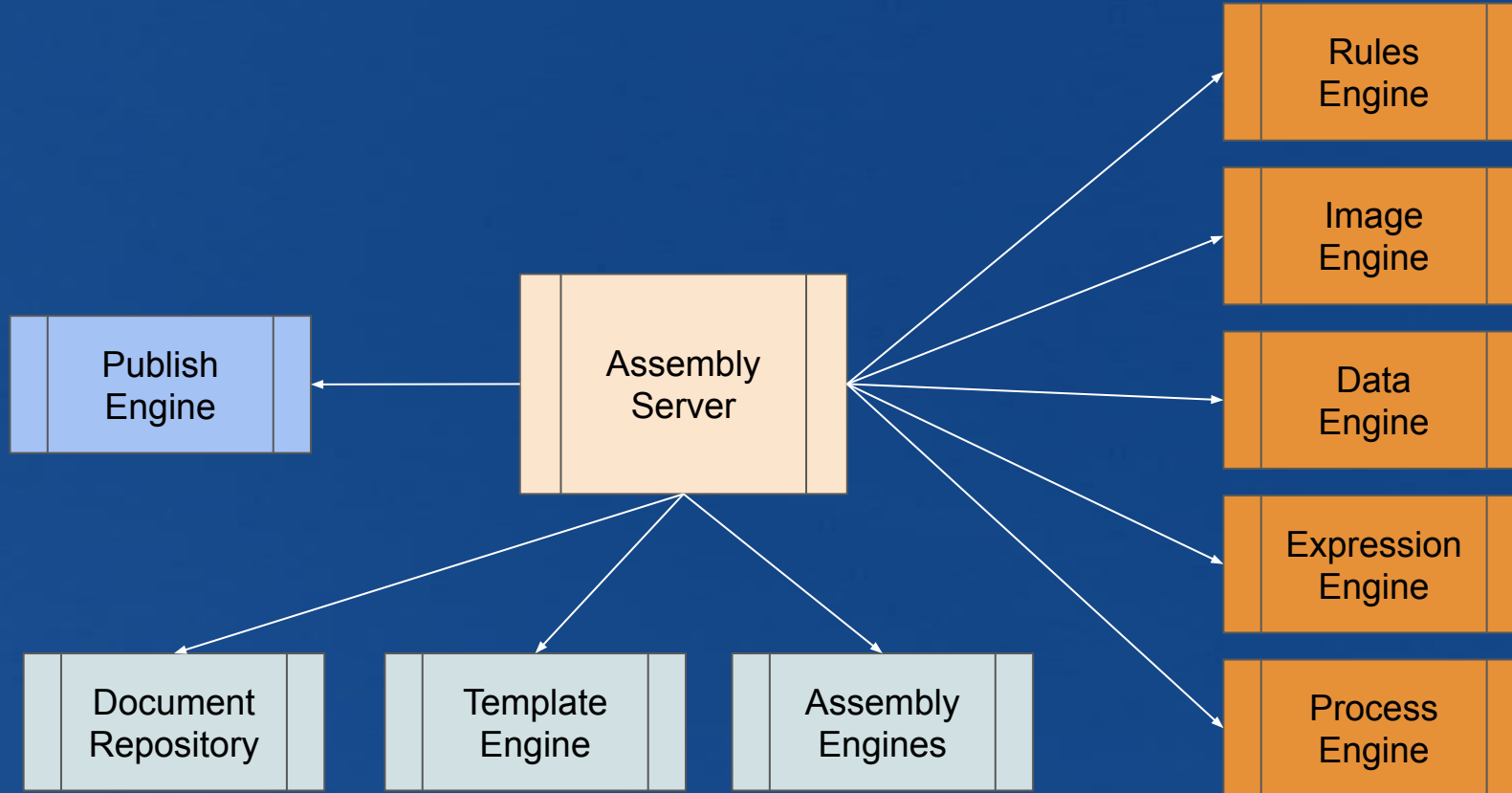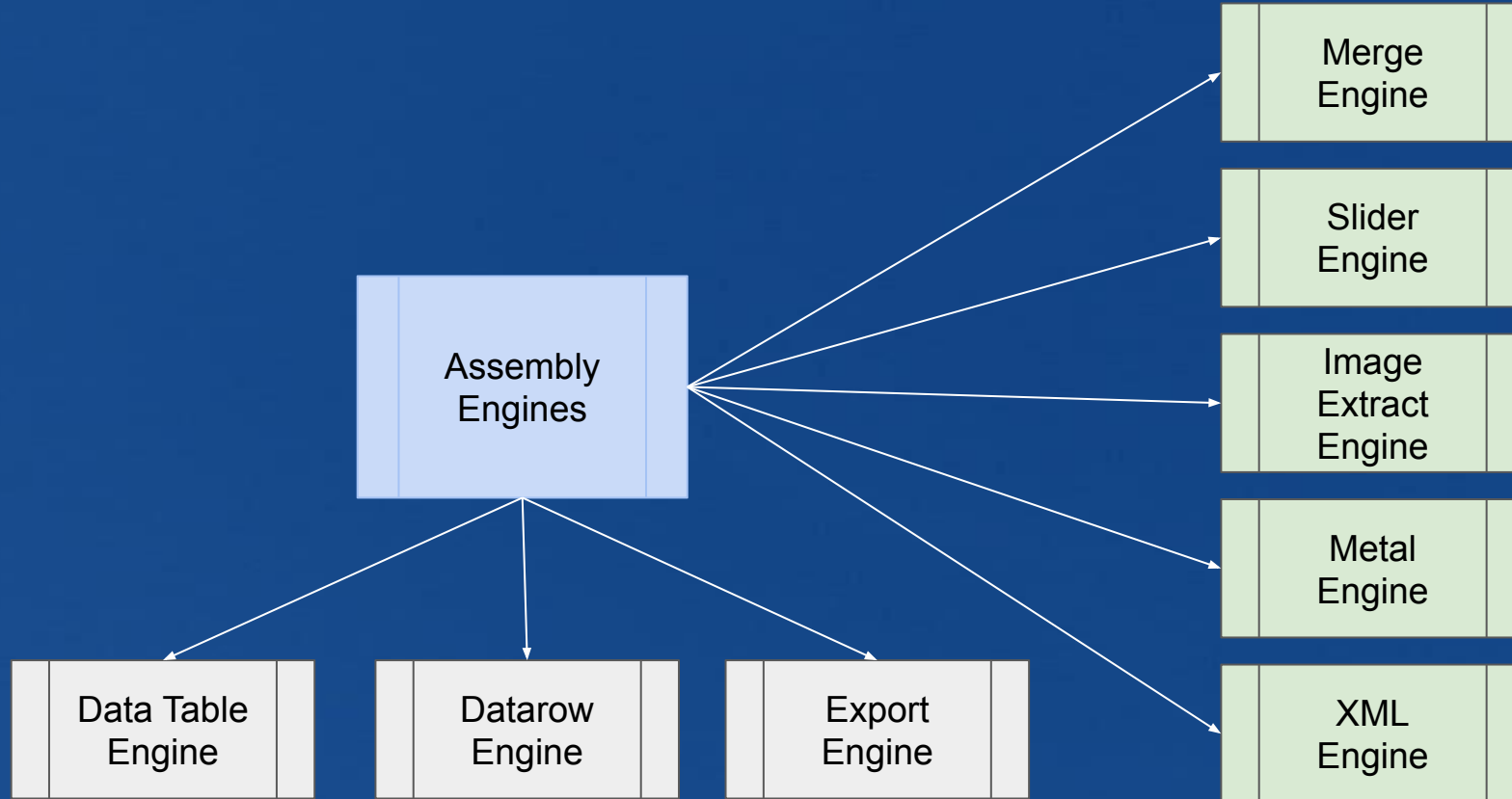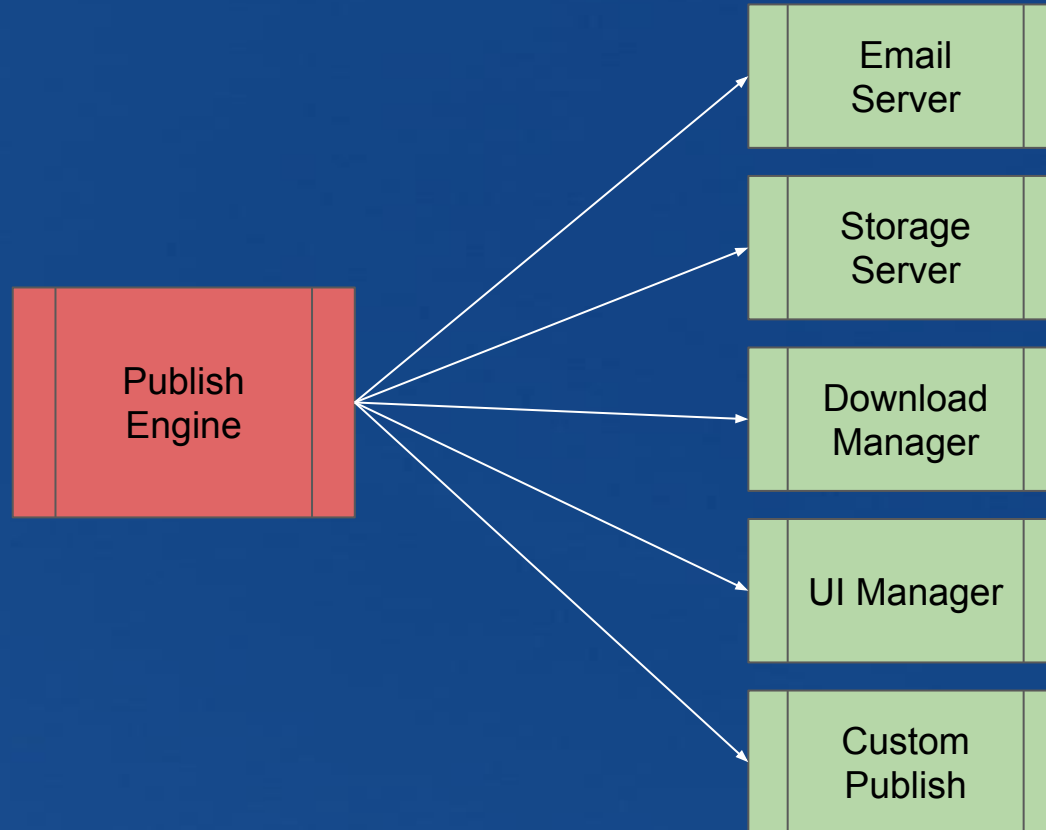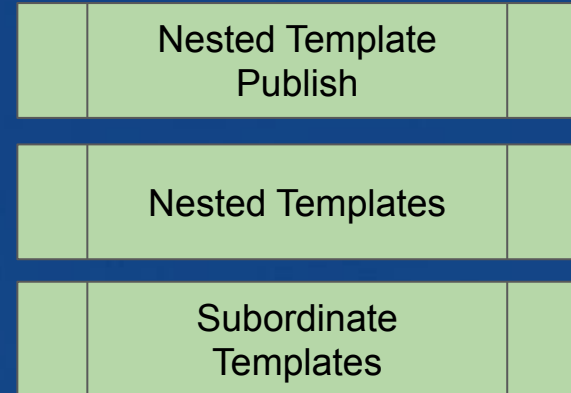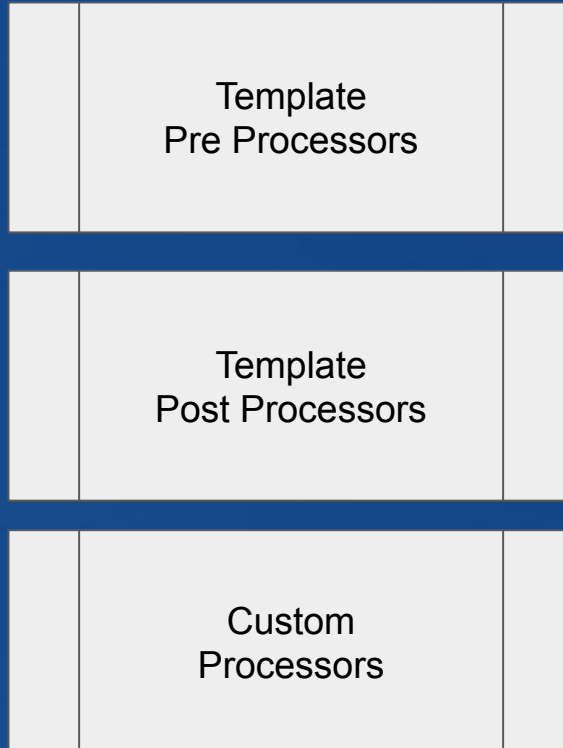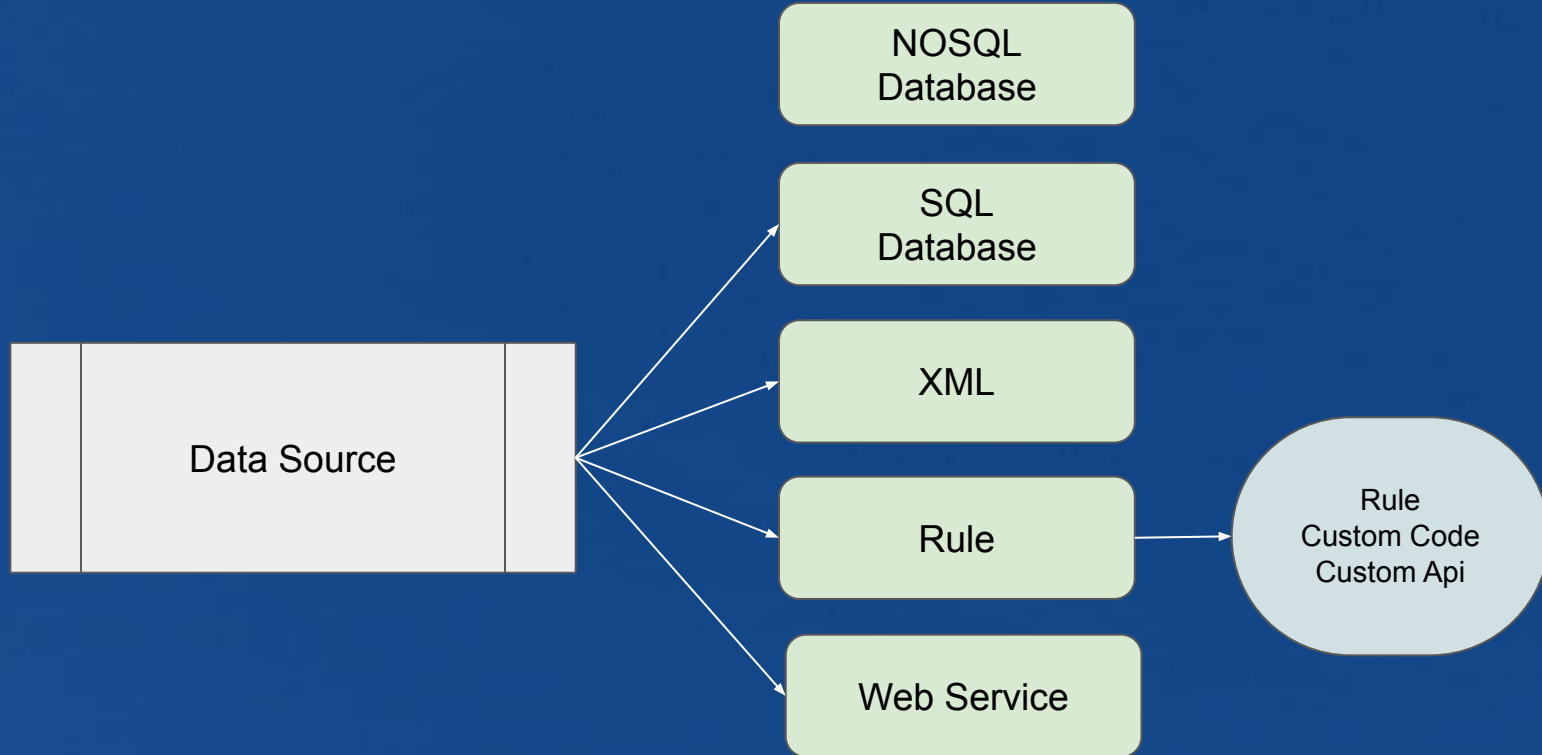
Evaluate

Cascade

Nested

Can call any engine

Architecture
Rules Engine

```
┌──┬─────────────────────────────────┬──┐
│  │                                 │  │
│  │          Rules Engine           │  │
│  │                                 │  │
└──┴─────────────────────────────────┴──┘
```
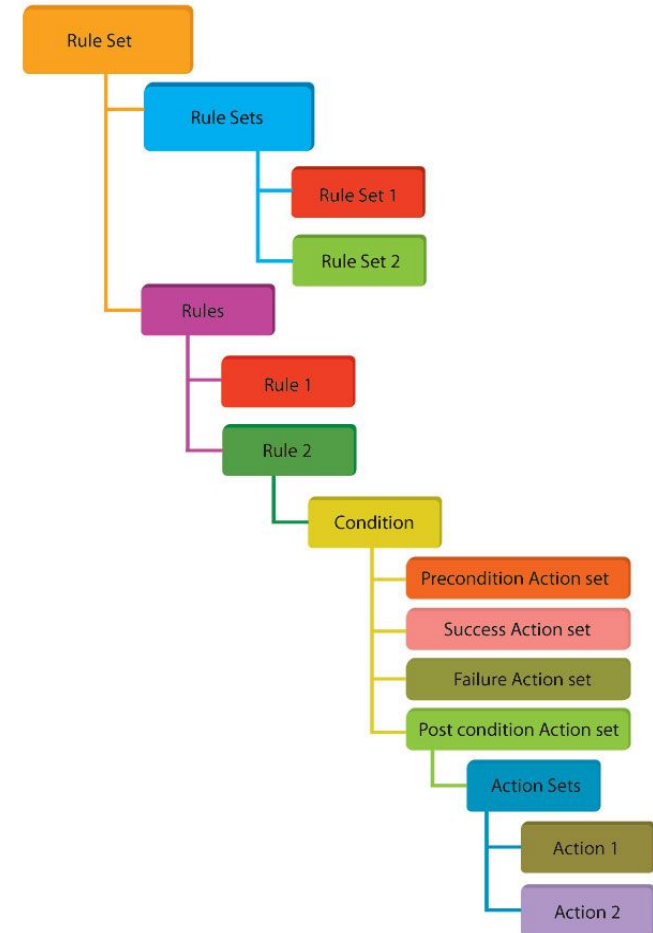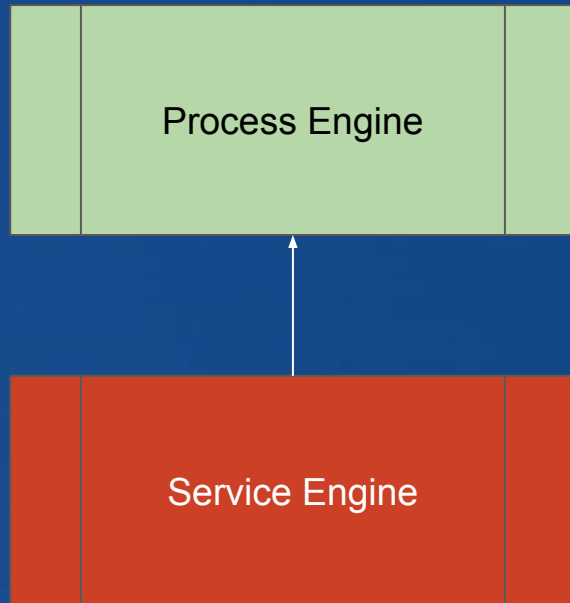
Run as a command

Returns data

Custom Implementations

Rule Structure

Architecture
Process Engine

Process Engine

Service Engine

Process

Process

+ Process Tread 1

+ Process Tread 2

Process Tread 3

Process Element (Start)

Process Element 2

Process Element 3

Process Element (End)

Document Repository

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Document Repository

Template Repository

Publish Repository

Data Doc Repository

Virtual Document Repository
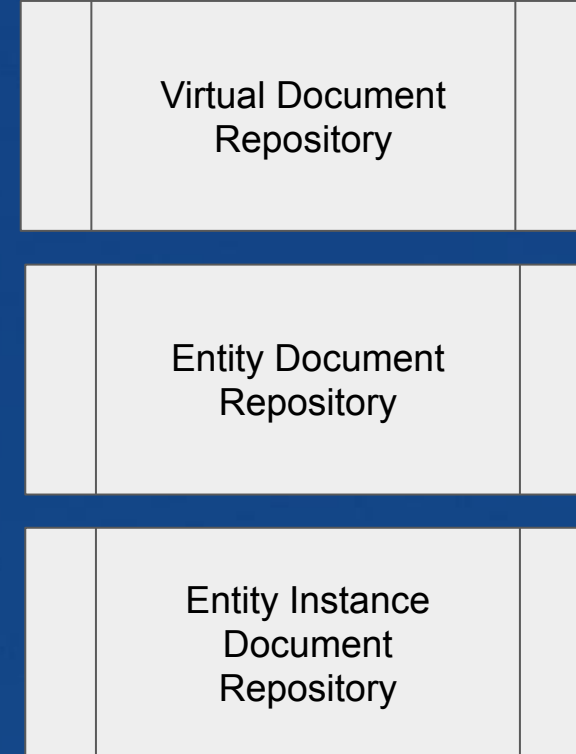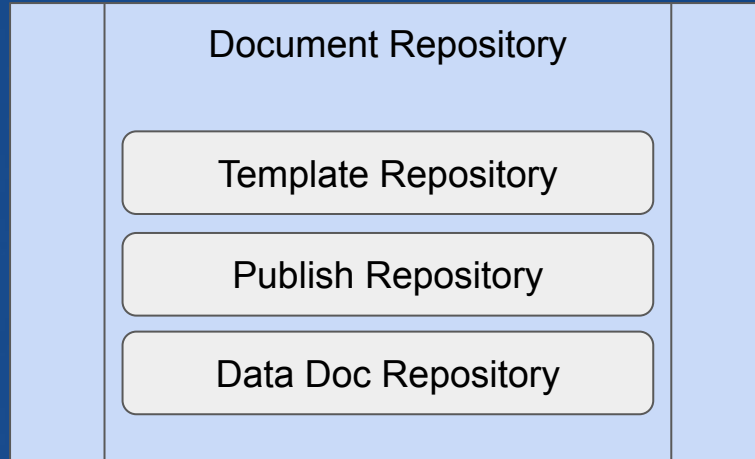
Entity Document Repository

Entity Instance Document Repository

Business Models

Streams of income

Go To Market

SaaS Enabler

- Specific purpose
- Private label
- Fee per user or licence

Enterprise

- Create wildcards for the enterprise
- Corporate license

Metered

- Pay per processing

Marketplace

- Create marketplace of Doc Assembly Jobs
- Marketplace for templates

Revenue

Streams of income

Revenue

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Ad based

- Tiny ad window
- Free for those who allow ad

Small clients - estimate

- Under 100 users
- Estimated monthly revenue/per client - $100

Metered

- $10 per every table
- $1.99 minimum monthly fee
- Tiered billing

Large Clients

- 1000 Developers
- Estimated monthly revenue/per client - $1000
  -

Questions

Discord.com/operatecrypto