

# EOS Network Foundation Grant Proposal



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## SUPPLEMENTAL INFORMATION

## App Registry Smart Contract

### Tables

#### Applications Table

Field	Description	Type
app_id	An incremental number that will uniquely identify an application	uint64
app_name	Identifies the name of an application	string
app_user	Identifies the owner of the application	name
app_domain	Identifies the domain of the application	string
app_description	Identifies the purpose of the application	string
app_icon	Identifies the URL where the app icon can be found	string
app_tag	Tags associated with the application	app_tags[]
app_whitelist	Whitelisted actions	contract_action[]
...		
app_manifest	Identifies the location where the application manifest is stored	string
app_status	A number that identifies if the app is in draft = 0, submitted = 1, approved = 2, published = 3, suspended = 4	uint64

## Application Table Indexes

Field	Description
app_id	Primary key index
app_tag	Enables search by tags

## Actions

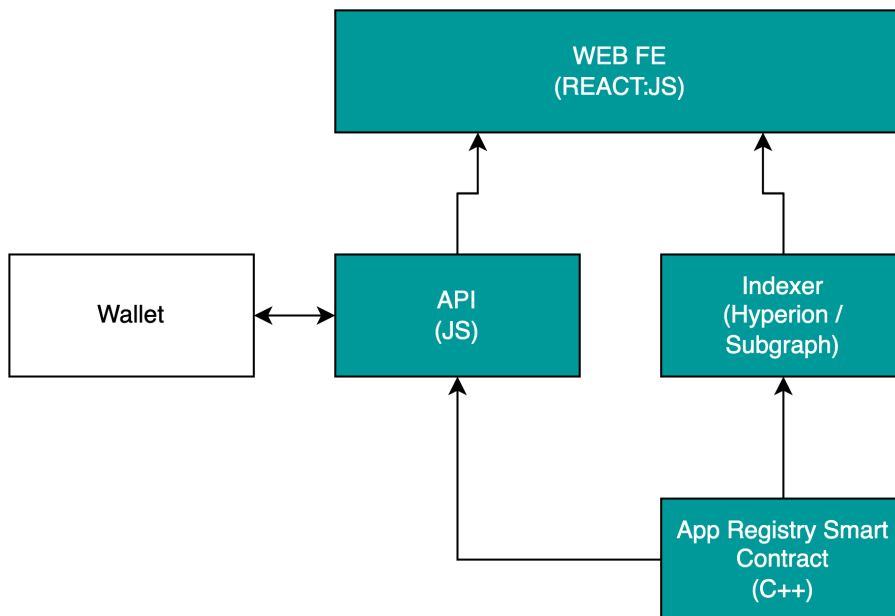
- add.app
  - Stores a new application to the app registry
  - Parameters:
    - app\_name
    - app\_user (owner)
    - App\_domain (url)
    - App\_description
    - app\_icon
    - app\_tag
    - app\_whitelist
    - app\_manifest
- delete.app
- update.app
- Approve.app
  - Allows a validator to approve the application

Create ABI file.

## Metrics

- Daily active users?
- Total locked value?
- Total transacted value?
- Total transactions (day, week months?)
- Metadata, category vertical
- Category trends? (x number of new apps on EOS, WAX)

## High Level Design



## API End Points

Create API endpoints in order for application to interact with the smart contract.  
API Endpoints hosted by ENF

## Documentation

- Add to How To Guides  
<https://developers.eos.io/manuals/eosjs/latest/how-to-guides/index>
- Add to API Reference  
<https://developers.eos.io/manuals/eosjs/latest/API-Reference/index>