

F.O.S.S Trust

Present by FOSS team

FOSS - Team Intro

Fist of Southern Stars 南斗神拳

We are all developers from Centrality Ltd. A kiwi company and one of the leading fintech venture platforms in the world.

Ian He,
Alex Wang,
Cherry Liang,
Shao Peng Wang





A hand points upwards, surrounded by a cloud of various financial and business-related words. The words are arranged in a circular pattern around the hand, with some overlapping. The colors of the text range from dark blue to light blue and white. The words include:

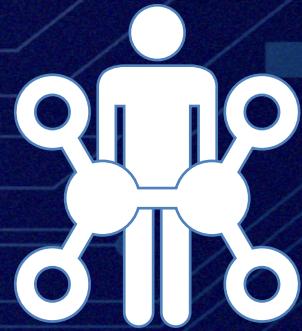
- trust
- fund
- business
- investor
- invest
- specialist
- marketing
- agreement
- rate
- calm
- planning
- savings
- financial
- information
- bond
- assurance
- growth
- investments
- wealthy
- currency
- options
- save
- investment
- treasury
- success
- planner
- piggybank
- funds
- trading
- cooperation
- partnership
- market
- financing
- manager
- investing
- interest
- data
- lawyer
- earnings
- communication
- safety
- job
- assets
- cute person
- retirement
- bank
- confidence
- insurance
- broker
- price
- accounting
- preservation
- capital
- banking
- wealth
- money
- concept
- report
- analyst
- consultant
- preservation
- safe
- balance
- economic
- advisor
- organization
- payment
- profit



The Beneficiaries



The Grantor



The Trustee

Q: Why we create FOSS Trust ?

A: Between Human and machine, We chose to trust the latter.
(to be the Trustee)



We've seen a lot scandals.
The more valuable trustee manages,
the less trust there would be.

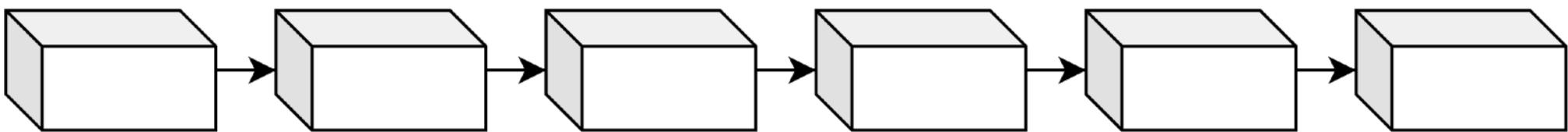
What we want from a trust fund?

- To hold property or assets
- Sets terms for the way assets are to be held, gathered, or distributed in the future
 - Testamentary, execute after the death of the grantor
 - Schedule payment
- Revocable
- Classified
- Profitable

Designs of FOSS Trust Chain



Relay Chain



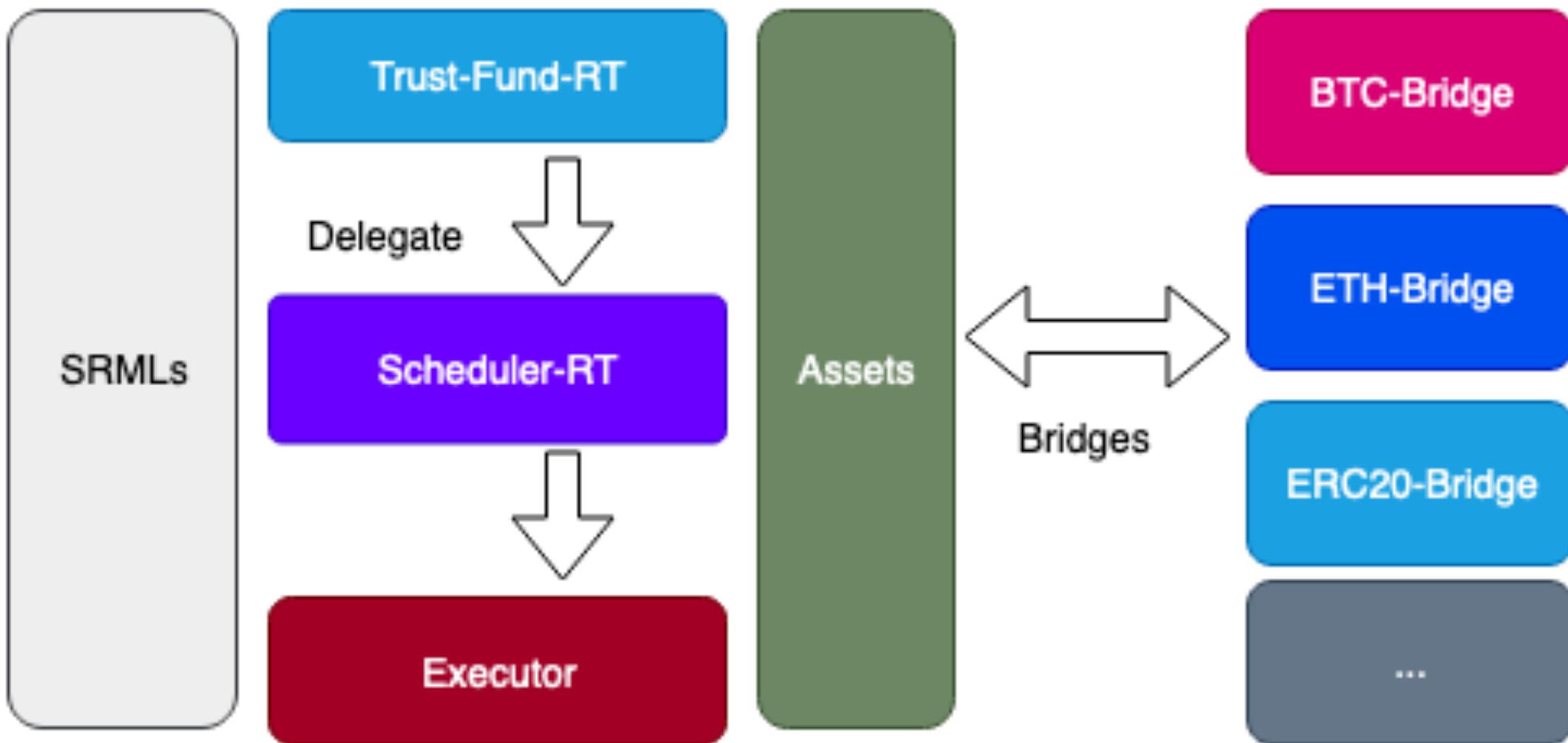
Bridge Chain like Chain X



Parathread

FOSS Trust Chain





Challenges & Highlights



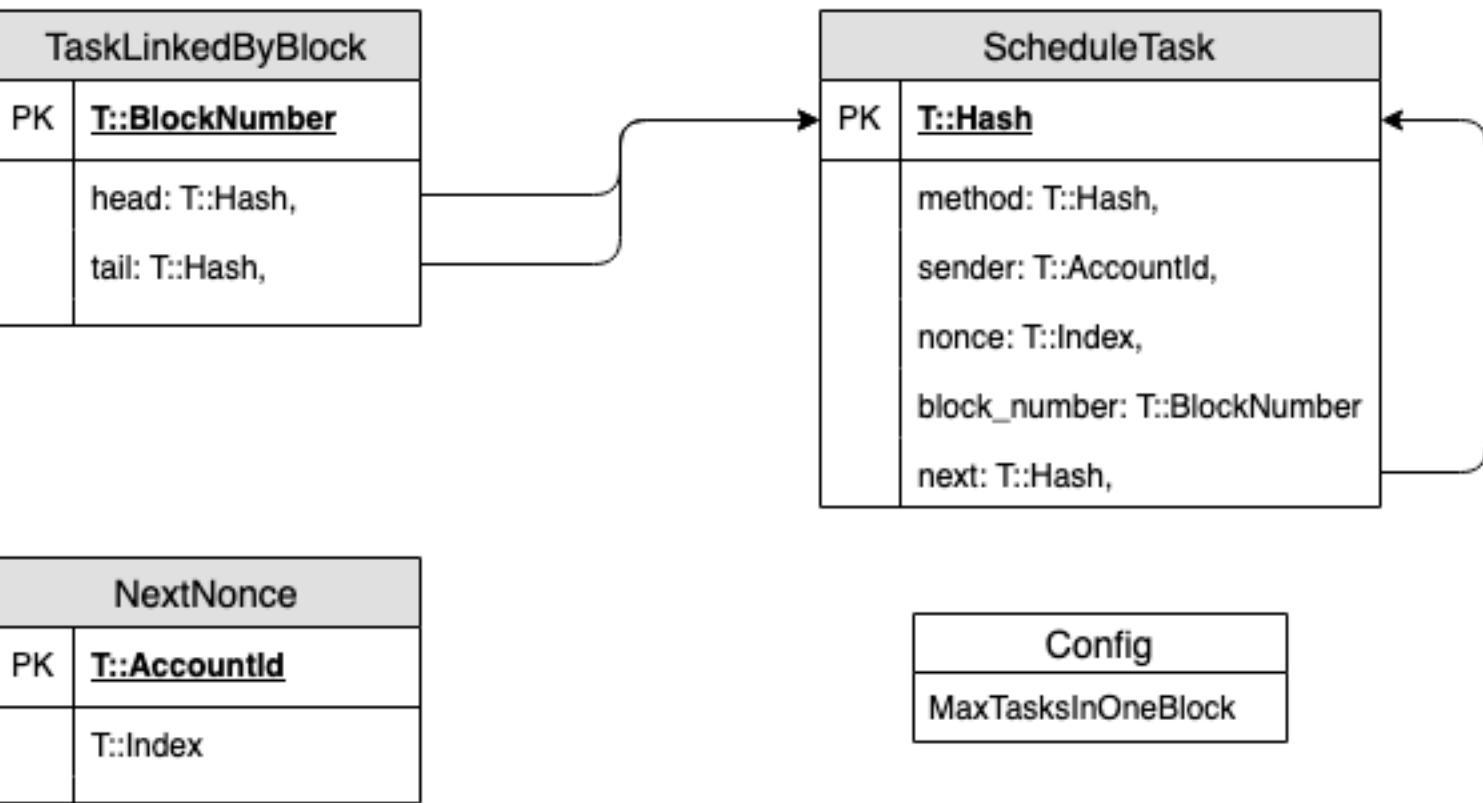
Challenge #1 - Schedule Service

To trigger

- schedule payment
- Testamentary logic
- Create delegation allow schedule-service-runtime invoke ANY runtime methods in behalf of user

Solution: hack executor engine

- Refined structure to store scheduled tasks, avoid vulnerable to attacks
- Performance



Challenge #2 - Oracle for Living proof

- Create delegation allow schedule-service-runtime invoke runtime methods in behalf of user
solution: hack executor engine
- Refined structure to store scheduled tasks, avoid vulnerable to attacks
- Performance

Solution / Workaround

===== Solutions =====

- Authorised source (or selected by grantor) to sign a attestation.
- Authorised source act as a oracle

===== Workarounds =====

- After a fixed block height
- After a preselect timestamp
- No new clock-in after N blocks (set by grantor)

Profitable - DeFi

Assets locked in FOSS Trust can be put in a Compound-like Service per grantor's request.



Economics



How Tradition Family Trust Fund charges ?

- The asset management fee:
 - A fixed percentage of the total assets being managed
- Annual Expense Ratio, If the trust fund is invested in mutual funds
- Additional Fees
 - stamp duty tax
 - Load
 - ...

takes into account tax harvesting,
rebalancing, and re-examination

How FOSS Trust charges ?

- A One-Time Setup Fee
A fixed percentage of the total assets, deduct when mapped to our chain.
- Fixed Annual Expense Fee: a minimum amount of fee to pay for the cost of infrastructure.

Advantages

- Low Entry Barriers:
much lower than traditional trust funds
- Trust-less: as much as possible
- Easy to use

Roadmap

2019 10 Complete Scheduler Service POC

2019 11 Economic Model & Billing

2019 12 Testnet go live

Demo

Grantor:

Log in and Setup up a Trust:
Beneficiaries and Living Switch Condition

Beneficiaries

Log in and claim their shares, if Living Switch Condition
check passes

