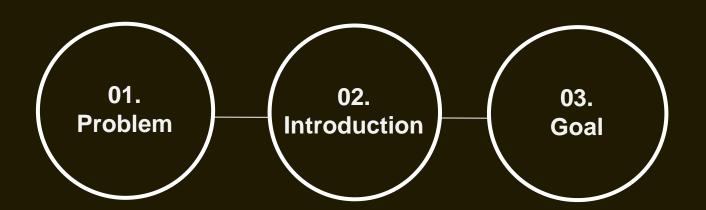
Chainerator

Consensus Flexible Blockchain Open Source Framework

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01. Problem

02. Introduction

03. Goal

1. Problem

POW

Consensus Algorithm With Mining

P O S



Consensus Algorithm With Stake

DPOS



Consensus Algorithm With Delegated Stake

Problem

POW (Proof Of Work)



1. Waste of Energy

 For Mining Bitcoin, Miners must Calculate Nonce Over and Over again This is so WASTEFUL!!

1. 51% Attack

 If there was mining pool that having more than 51% Hashing Power, They can modified transaction.

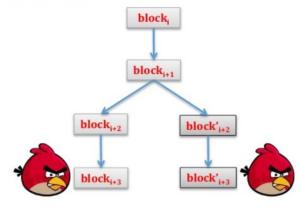
1. Traffic Problem

Problem

POS (Proof Of Stake)

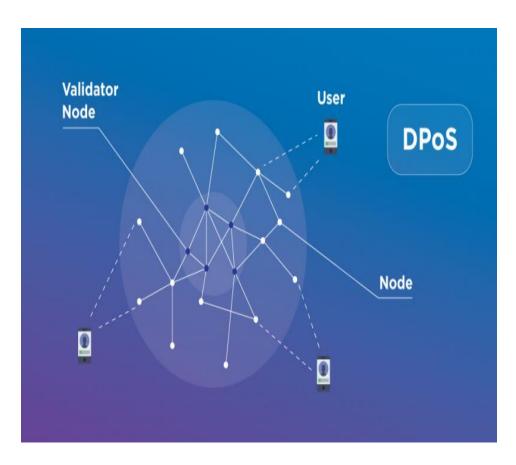


1. Nothing at Stake



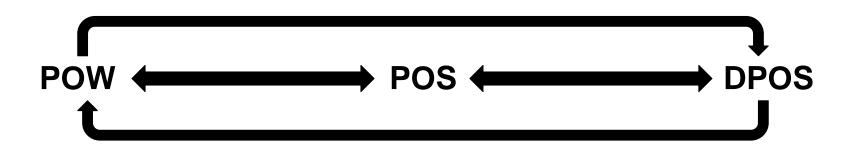
- 1. Participation issues at Small network
- In case of Small network, Less block reword makes it impossible to active participation form network members.

DPOS (Delegated Proof of Stake)



- 1. Centralized Network
- Only few delegated node join consensus process.

- 1. Compensation Problem
- Most network user doesn't delegate their stake.
 Because there are no compensation for them.







02. Introduction

02. How to Solve this problem?

Too Heavy

Blockchain Core's Code is Too heavy to handling

Bitcoin Core : Approximately 100K Lines!

Bytecoin Previous Version : 600K Lines!

Small Community

Blockchain Core is very difficult and complex.

But there are no framework

for Start-Level Core Developer

Inflexible

Most Blockchain Project is very inflexible.
Changing Consensus or Protocol is very hard
because of Inflexible of Architecture

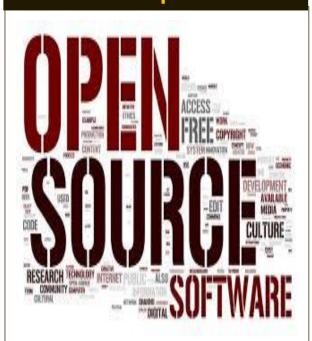
Roadmap

2018 Q2: Modularization



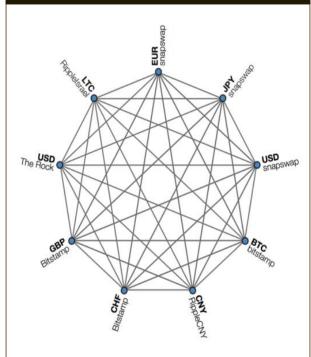
Blockchain Core Function Modularization

2018 Q3 : Open Source



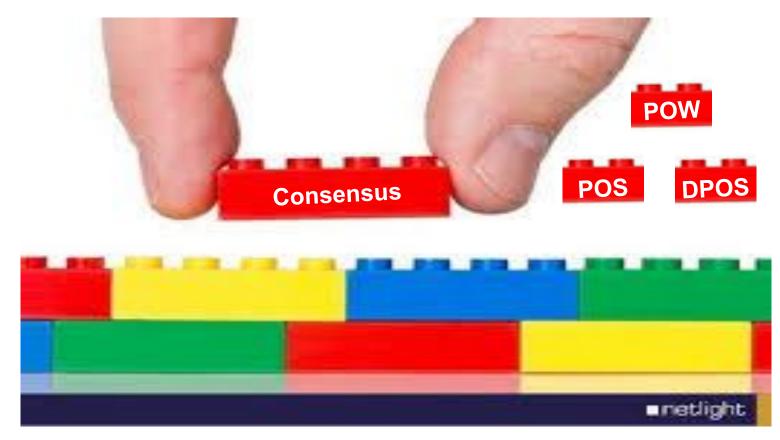
Deploying Open Source For Blockchain Core Developer And Getting Some Contribution

2018 Q4 :Consensus Develop



Develop Consensus Module Such as PoS, PoW, DPoS

03. Goal



Flexible Blockchain Open Source Framework Using Consensus Modularization



The Blockchain Core Developers can make flexible blockchain for their own network by using our Open Source.

Thank You

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