



 RIGHTSLEDGER

Blockchain Smart Contract

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(Lead Blockchain Developer at RightsLedger Mekong)



Apple's Commitment

June 16, 2013

Two weeks ago, when technology companies were accused of indiscriminately sharing customer data with government agencies, Apple issued a clear response: We first heard of the government's "Prism" program when news organizations alerted us about it on June 6. We do not provide any government agency with direct access to our servers, and any government agency requesting customer content must go through a court order.

Microsoft's U.S. law enforcement and national security requests for last half of 2012

14 Jun 2013 7:51 PM | 0

Posted by John Frank
Chief President & Deputy General Counsel, Microsoft

This afternoon we are publishing additional information about national security orders served on Microsoft. For the first time, we are disclosing the number of national security orders, which may include requests for customer data, that we have received and complied with. We are not permitted to confirm whether we have received any such requests that they would now be included in this disclosure.

We have asked the U.S. government for permission to disclose information related to national security and how we have complied with some of that data, and we are

and 5,000

Facebook Releases Data, Including All National Security

June 14, 2013

By Ted Ulyyot, Facebook General Counsel

Over the last week, in press statements as well as Mark's post last week, we have announced our decision to be willing to provide information to national security agencies worldwide to be willing to provide information to national security agencies worldwide.

What is Blockchain ?

Blockchain is a virtual, public ledger that records everything in decentralize way, securely and transparently.

- Blockchain technology market is predicted to reach 2.3 billion U.S Dollars by 2021
 - 9% of bank experiment with Blockchains
 - 14 countries exploring developing official cryptocurrencies
- 

How Blockchain Build?

1

Each transaction occur, its put into blocks.

2

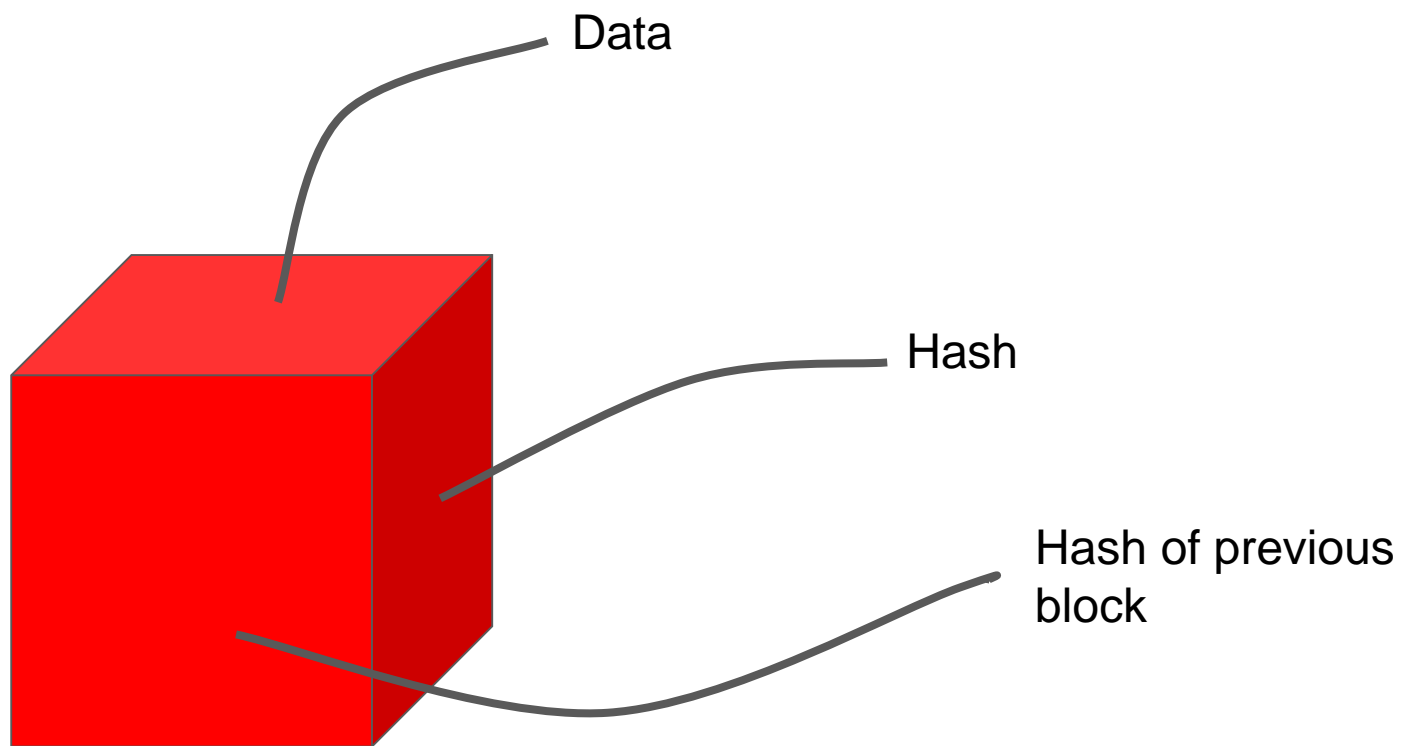
Each Block connected to one before after it

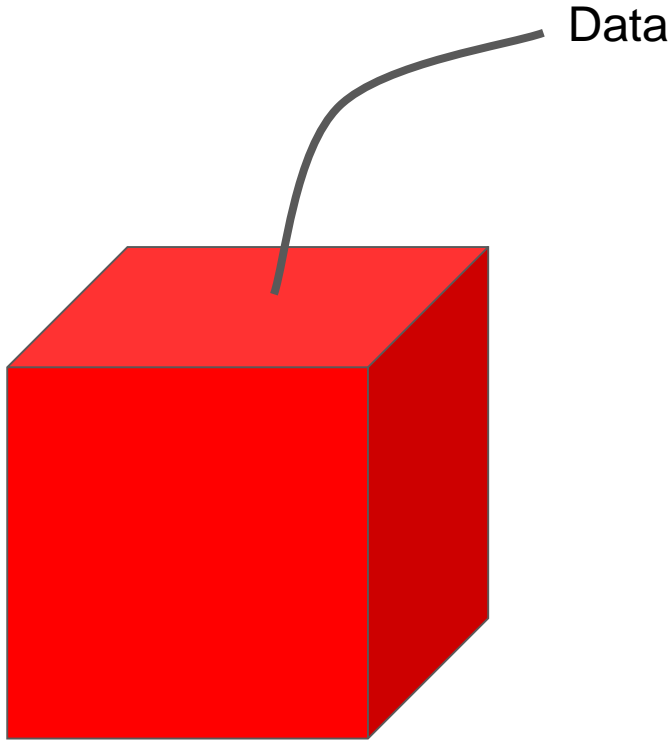
3

Transaction are blocked together

4

Each block is added to the next irreversible chain



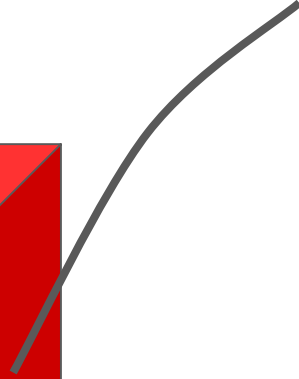
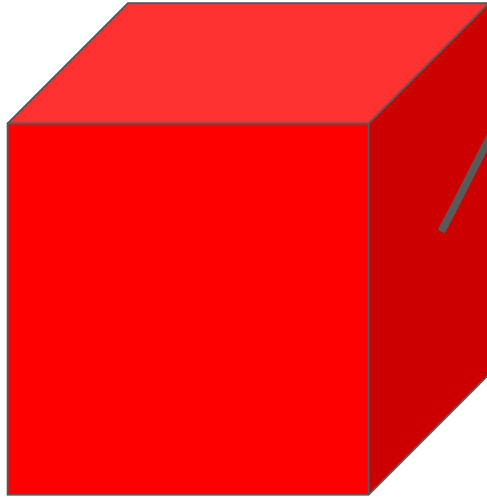


Data

From : User A
To: User B
Amount : 1 BTC

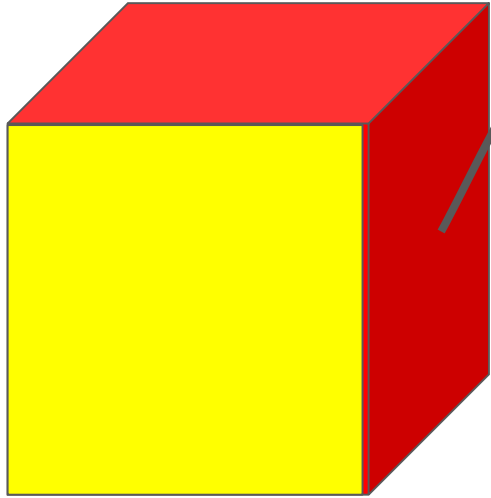
Bitcoin Block Example

Hash



0xFbDD7C6A4F7d7B7BF1b7E1CB

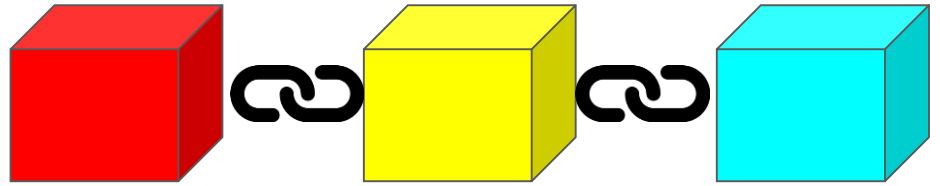
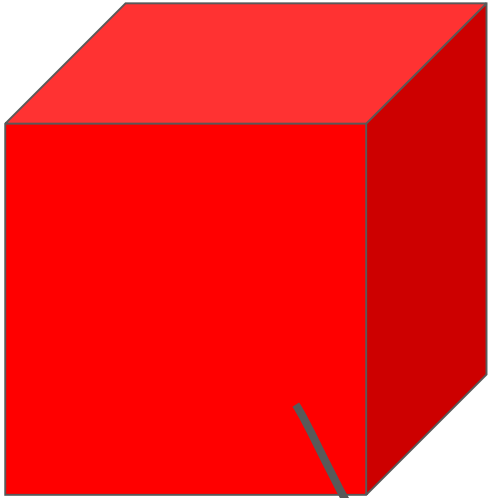




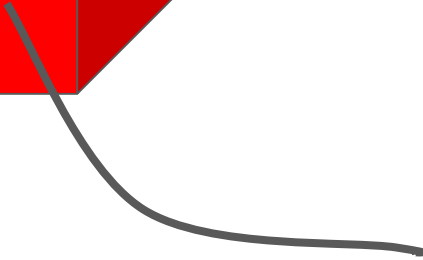
Hash

0xA7071c2EA43D3Aa730C814F8D

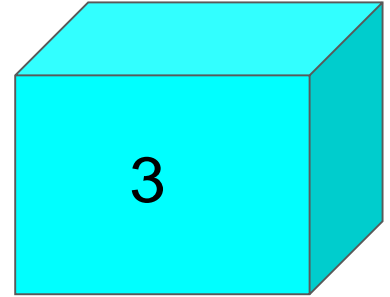
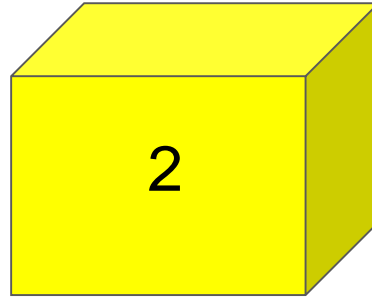
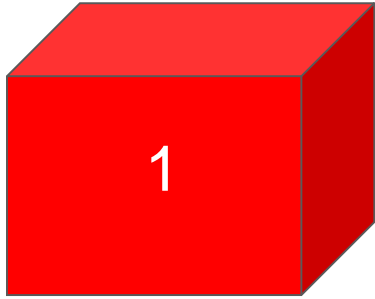




Creates the chain



Hash of previous
block



Hash : **EF56**

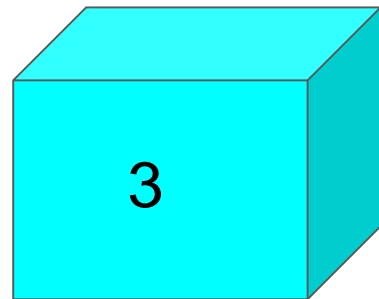
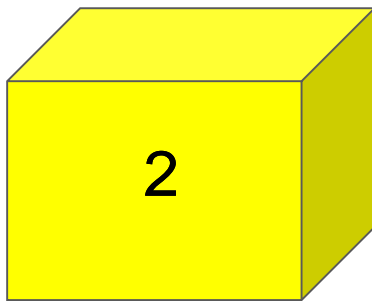
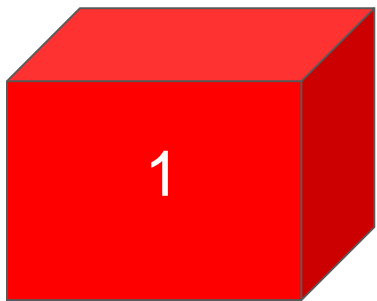
Previous hash: **0000**

Hash : **DFGH**

Previous hash: **EF56**

Hash : **KL9I**

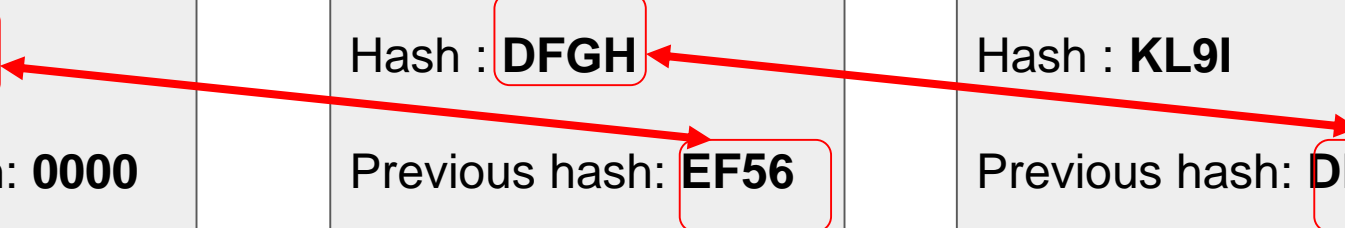
Previous hash: **DFGH**

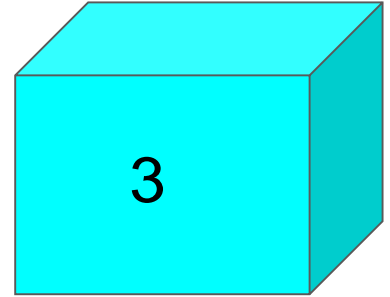
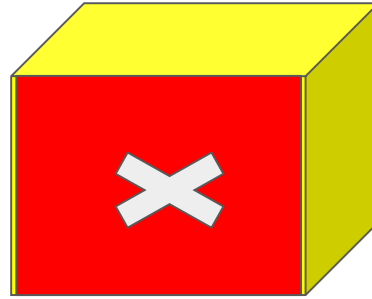
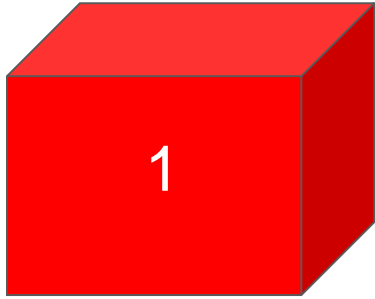


Hash : **EF56**
Previous hash: **0000**

Hash : **DFGH**
Previous hash: **EF56**

Hash : **KL9I**
Previous hash: **DFGH**





Hash : **EF56**

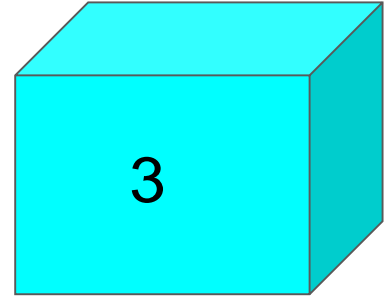
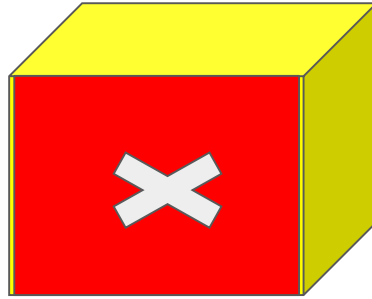
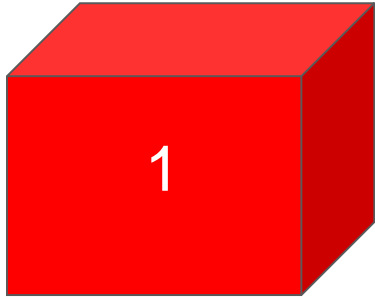
Previous hash: **0000**

Hash : ~~DFGH~~ **GHJ5**

Previous hash: **EF56**

Hash : **KL9I**

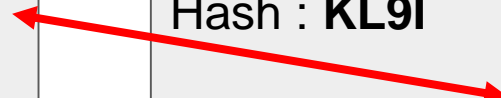
Previous hash: **DFGH**

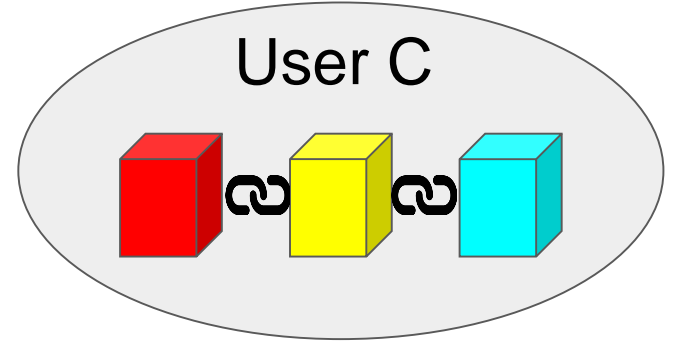
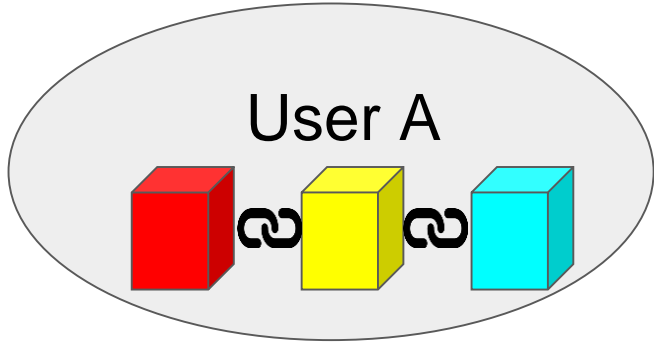


Hash : **EF56**
Previous hash: **0000**

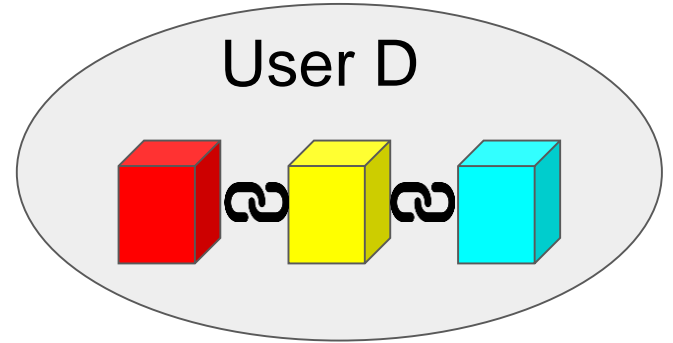
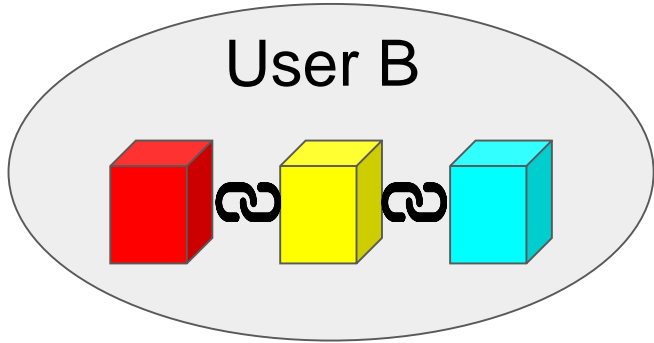
Hash : ~~DFGH~~ **GHJ5**
Previous hash: **EF56**

Hash : **KL9I** **Not Right..!**
Previous hash: **DFGH**

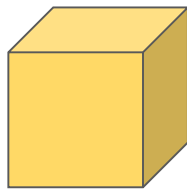




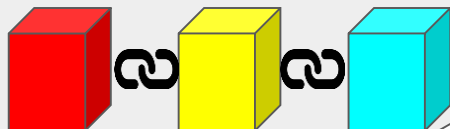
P2P Network



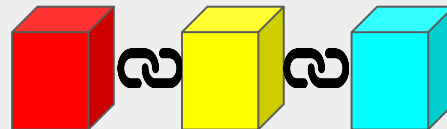
New Block



User A

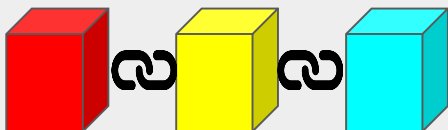


User C



P2P Network

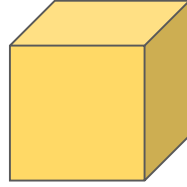
User B



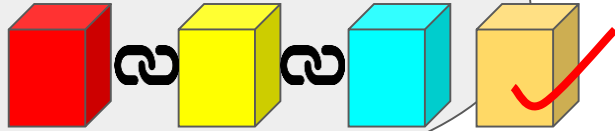
User D



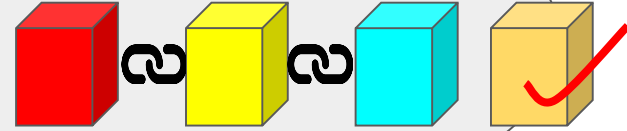
New Block



User A

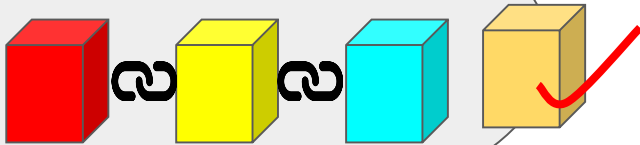


User C

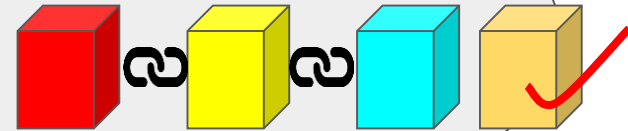


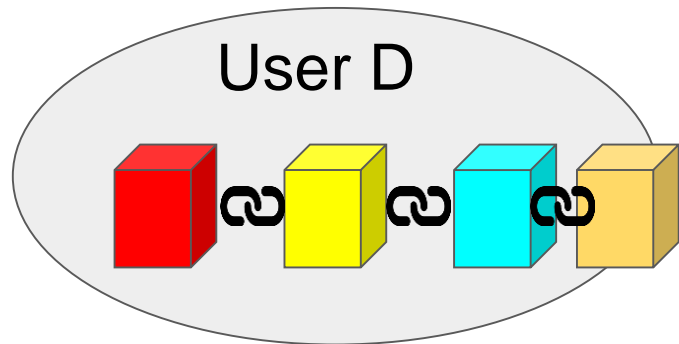
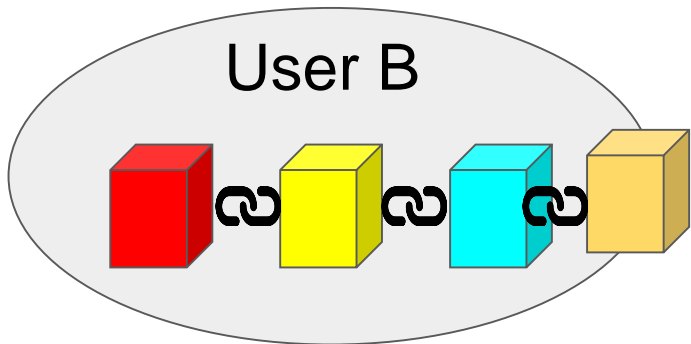
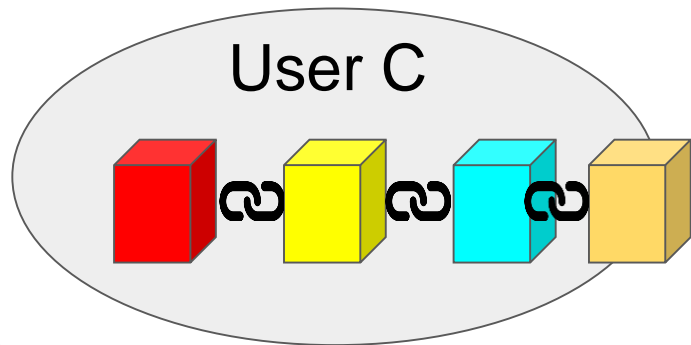
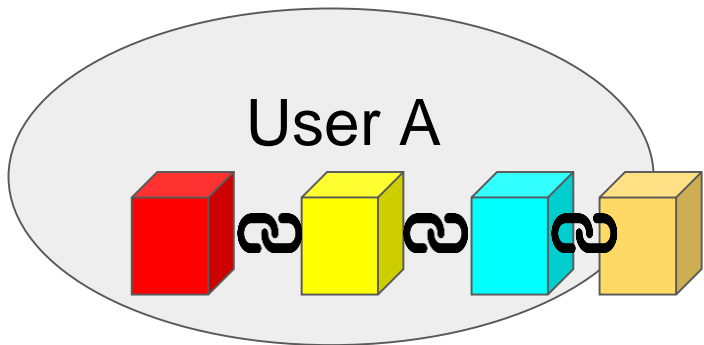
P2P Network

User B



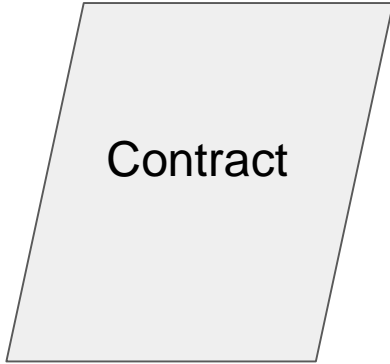
User D



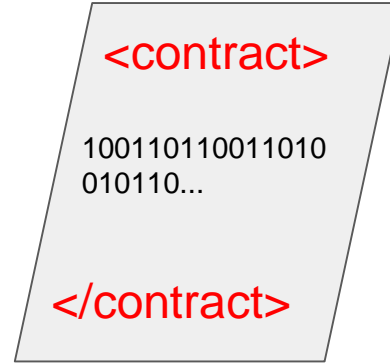


Smart Contract





Traditional Contract



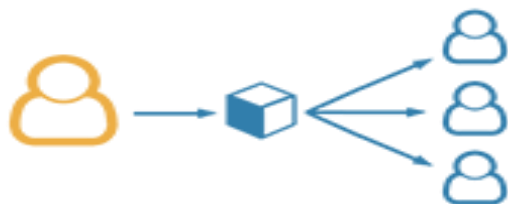
Smart Contract



1. Rights holder publish ownership information on the blockchain



2. Use policies for registered works are written into smart contracts that automatically transfer usage rights



3. Royalties and fees are delivered instantly, transparently and automatically based on the stakeholder information contained in the blockchain database



4. An open platform facilitates infinite potential roles, applications and business models

Want to buy a
land..!

User A

Traditional Way

Land Seller

User B



Middle Man
(Bank, etc)

Want to buy a land..!

User A

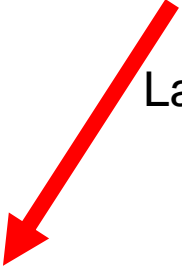
Digital Way

Land Seller

User B



Money



Land Title

Smart Contract



Want to buy a land..!

User A

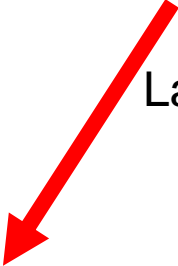
Digital Way

Land Seller

User B



Money



Land Title

Smart Contract

Hold the Money as token
Title Changing Process execution

Digital Way

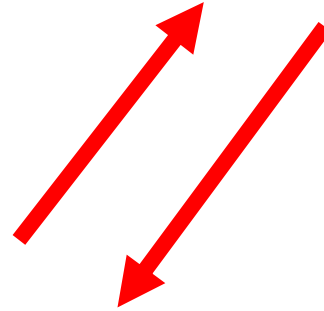
User B

Money

Digital Signing

Smart Contract

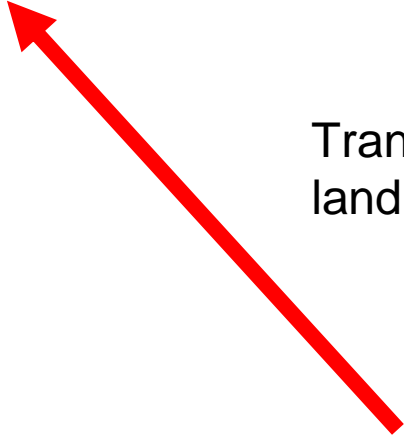
Execute the contract



Digital Way

User A

Transferring the
land ownership

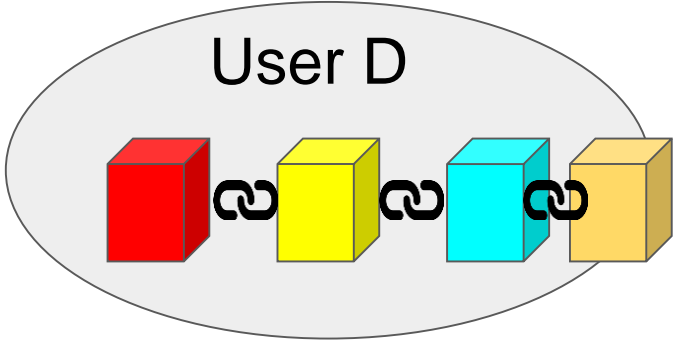
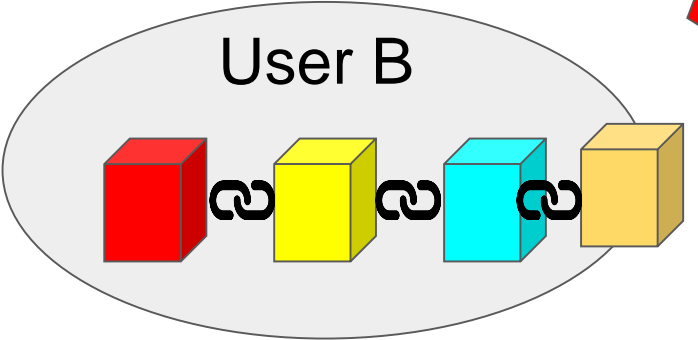
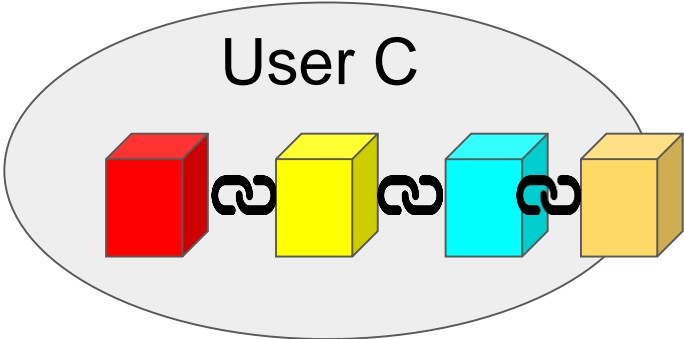
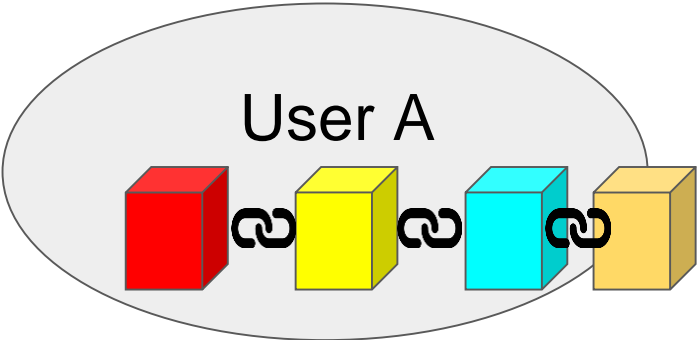


Smart Contract

Execute the contract



Seen by the whole network



Smart contract code encrypted
and store in blockchain network..!

A red triangle graphic is located in the bottom right corner of the slide, pointing towards the center.

The code can't be change..!



We are looking for developer..!

ericlou23@gmail.com

rightsledger.io