

# Dragonchain

Blockchain off the hook

# What is blockchain?

- Blockchain is the fundamental transaction layer that Bitcoin sits on top of.

# Bitcoin?

Satoshi Nakamoto

Bitcoin: A Peer-to-Peer Electronic Cash System

<https://bitcoin.org/bitcoin.pdf>

The Fundamental Principle of Bitcoin is a concept called Proof of Work.

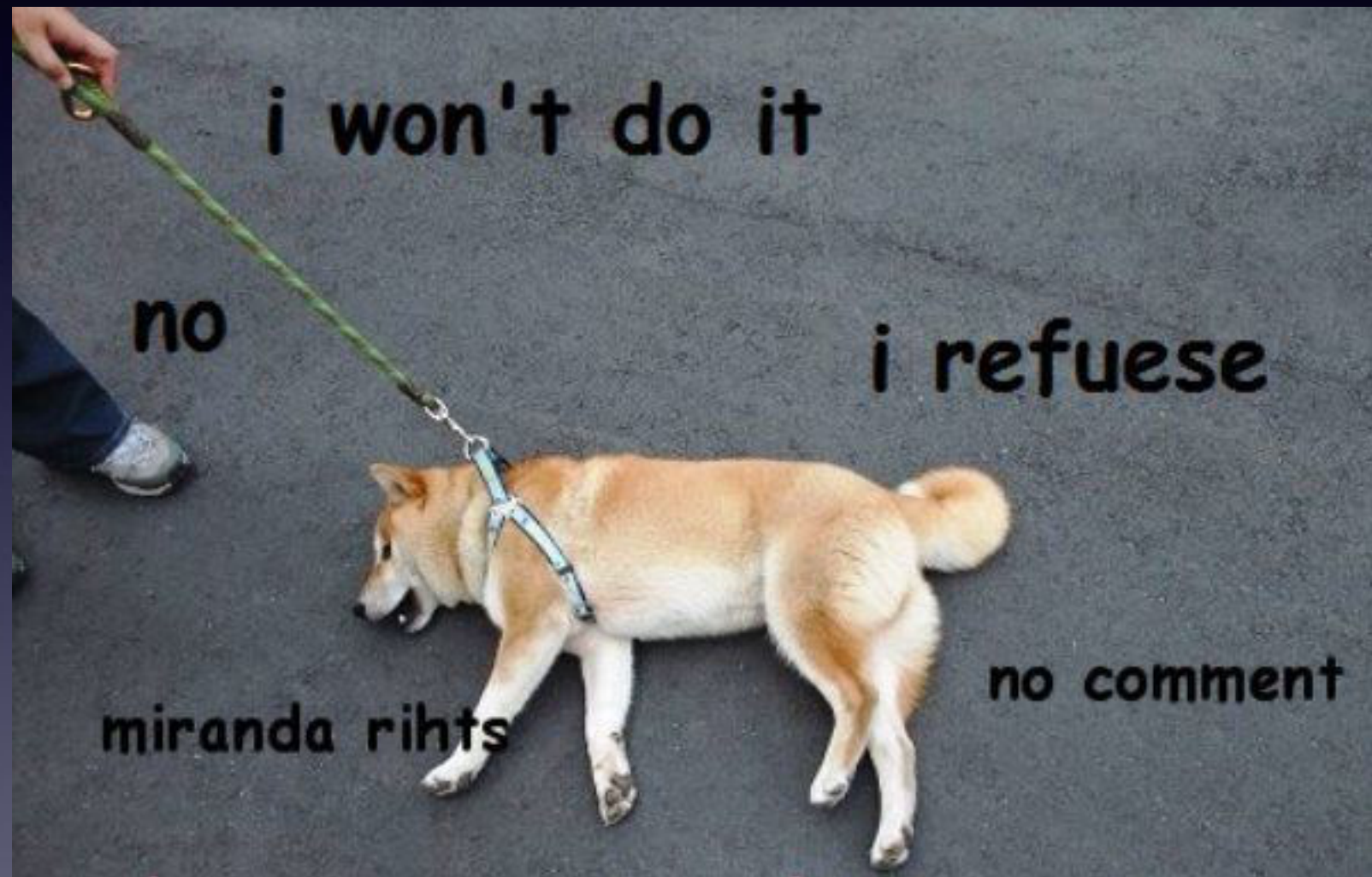
# Disney and Blockchain

# Innovation Project

- Project Originators
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Why not fork Bitcoin?

# Why not fork Bitcoin?



# Why not fork Bitcoin?

- Most of the “Alt” coins did it. (Dogecoin) etc.
- Not really enterprise ready.
- Lawyers.
- (For a good time have a meeting with a lawyer 10 m after they google bitcoin on google news...)
- Seriously Lawyers.



# If you could start Bitcoin over...

- Bitcoin has some \*AMAZING\* ideas.
- The ecosystem around it has produced some amazing tech/ideas.
  - Ethereum, Smart Contracts, Mt. Gox. Silk Road.
- Bitcoin the app is almost 9 years old... (And a C app)

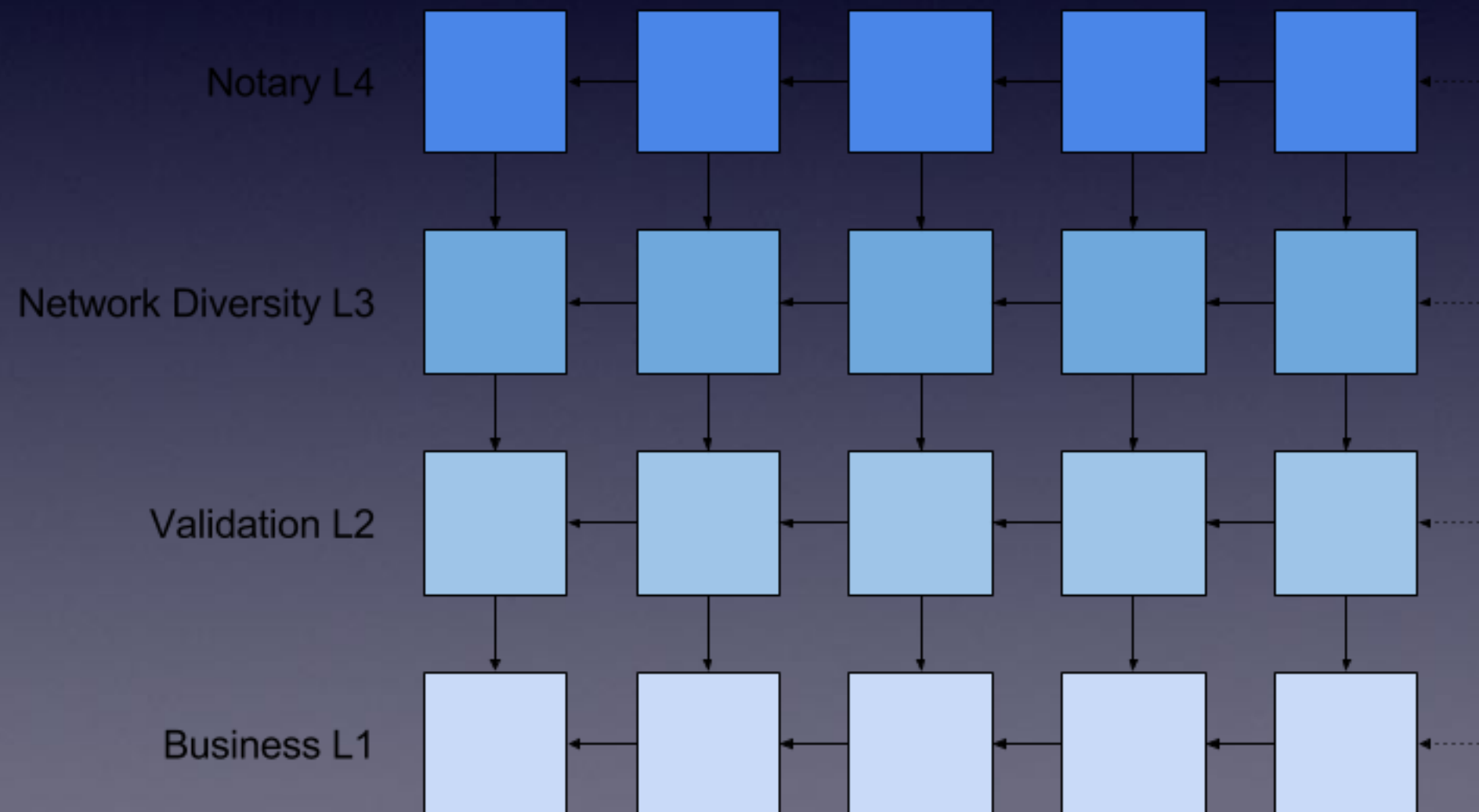
# Enter the Dragon





VANILLA BLOCKCHAIN STRUCTURE IS ONE DIMENSIONAL

# Dragon Chain



# Proof

- Dragonchain Supports
  - Trust (Default)
  - Proof of Work (PoW)
  - Proof of Stake (PoS)
  - Other.....

# Booting up Dragonchain

- 1. Download the source code  
<https://github.com/dragonchain/dragonchain.git>
  - open up the folder, and then the 'Docker' subfolder .
- 2. Fire up Docker
  - a. docker-compose build
  - b. docker-compose up
- Get your Server information  
`docker inspect -f '{{.Name}} - {{range .NetworkSettings.Networks}}{{.IPAddress}}{{end}}' $(docker ps -aq)`

# Interacting With Dragonchain

- Dragon Chain has a common HTTP interface.
- PUT Requests and JSON are the primary keys.
- On a Docker configuration:
  - POST <http://localhost:81/transaction>
  - Get [http://localhost:80/transaction/?create\\_ts=1475180987](http://localhost:80/transaction/?create_ts=1475180987)