



Making your life easier with CNCF Projects

12.09.2018. 18:00 @Ministry of Programming



NAGA|VIRTUAL

NAGA VIRTUAL MARKET STORE INVENTORY LISTING 2932.33 Games Search

Find your item

Trade limitless items
Earn and sell effortlessly

START NOW

TRENDING ITEMS

Item	Price
Stripes	€2.45
Bomb	€2.40
Shovel	€2.50
+5 moves	€2.45

See All Items

Hot Item Energy Boost €3.2 Buy now

ITEM ATTRIBUTES

SALE PRICES HISTORY

Last 24h Last 7 days Last 30 days Last 60 days Last 100 days Last 360 days

New cool items Stripes Stripes €3.2

Check out our latest items, playing will be easier and way much fun

Visit Store

Other offers

Powered by DEUTSCHE BÖRSE GROUP NAGA

Carpenter wood stack Resources € 12.45 - + Set To Game

Carpenter wood stack Resources € 12.45 - + Set To Game

we have a powerful e for supporting and onous processing of or sensitive process.



How we use CNCF projects to build NAGA VIRTUAL

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DevOps Warrior at Ministry of Programming

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- Cloud native computing uses an **open source software stack** to deploy applications as **microservices**, packaging each part into its own **container**, and **dynamically orchestrating** those containers to optimize resource utilization.
- Production usage of CNCF projects has grown more than 200% on average since December 2017. Using in Production: Fluentd [57%], gRPC [45%], Helm [49%], Istio [17%], Jaeger [25%], Kubernetes [58%], Prometheus [53%], Zipkin [26%] and etc...
- The top 3 benefits of cloud native technology are:
 - Faster deployment time
 - Improved scalability
 - Cloud portability



Programming the future

with impactful Technology Startups

Ministry of Programming is a technical co-founding business that specializes in building and growing start-ups **from the first line of code into established brands and companies.**



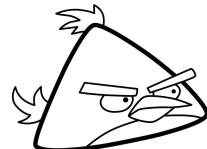
Millions of users



Responsive experience



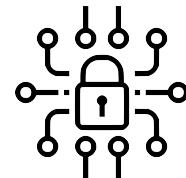
Uninterrupted by deployments



Canary release



A/B Testing



It goes without saying, it needs to be safe

500K+

Customers of
NAGA Ecosystem

100B+

Transaction volume

8M+

Orders securely
processed



Your Universe for Digital Currencies,
Finance & Gaming.



NAGA | TRADER

Trade stocks, CFDs & crypto in real
time within a social network



NAGA | WALLET

Store more than 1,200 cryptos,
participate in ICOs and build your
crypto portfolio



NAGA | CYBO

Our AI-powered Trading Advisor



NAGA | COIN

Use our Coin to save on fees, get
cashbacks and build your future



NAGA | EXCHANGE

Our cryptocurrency exchange

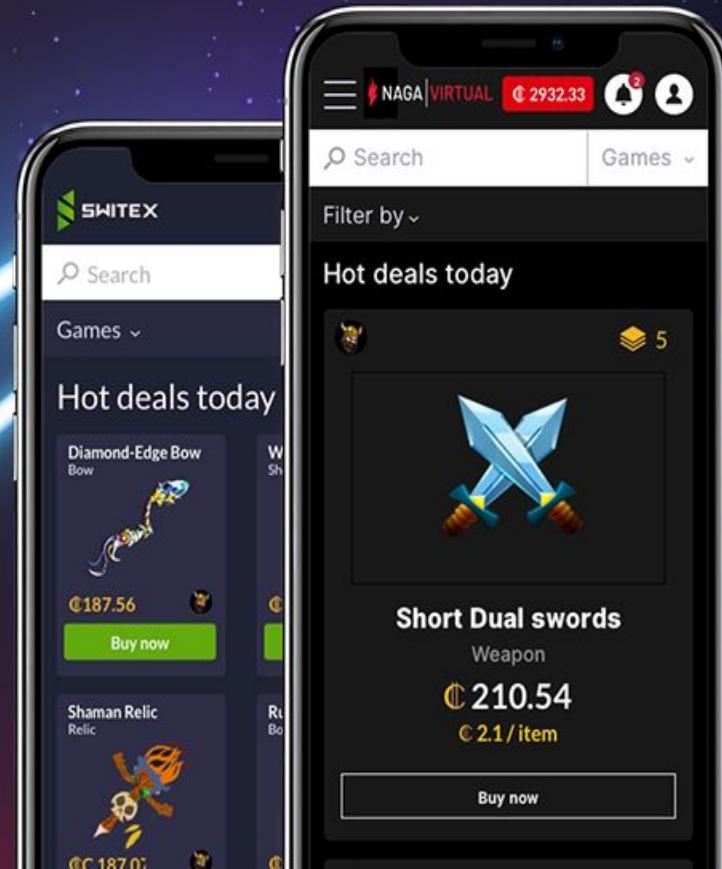


NAGA | VIRTUAL

Use your trading revenues to buy
game items, and trade them with
NAGA VIRTUAL



Easy-to-use virtual
goods market with
**INSTANT
TRANSACTIONS**



NAGA VIRTUAL Team

- Following the DevOps Culture
- Using DevOps Tools
- Implementing DevOps Best Practices



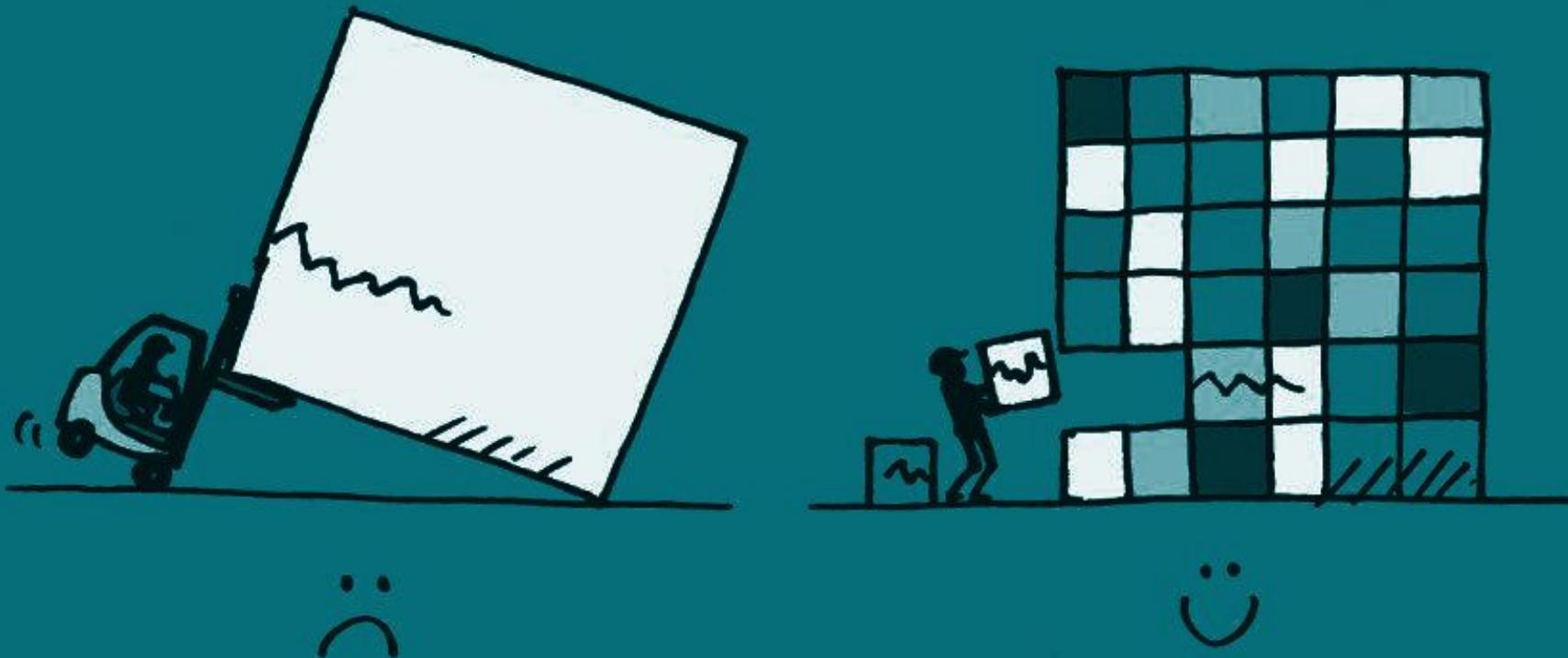
Technology Stack

Open Source Brings Technology



Backend

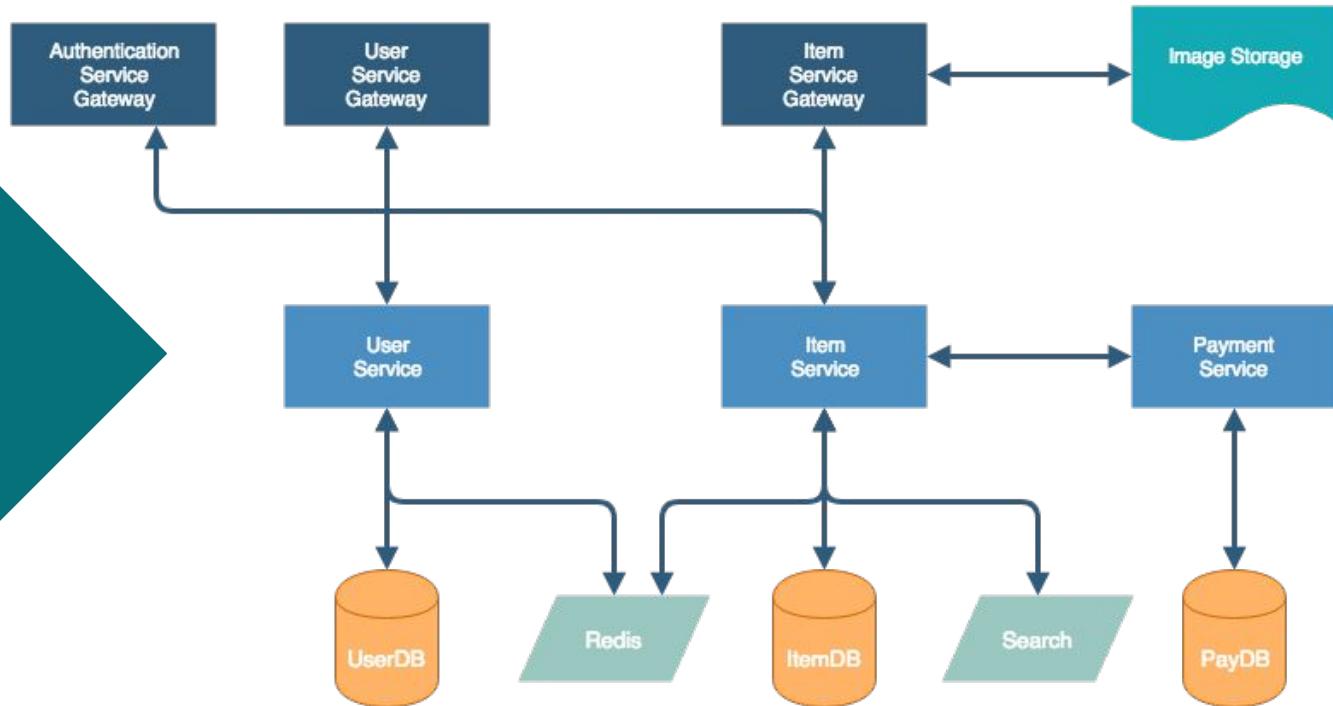
Microservices



@redbadger team

Microservices

Application Architecture Diagram



QA

Bug Monster Hunter

Automation

- Integration Testing
- E2E Testing
- Performance Testing *
- Stress Testing *
- Load Testing *

* 10 000 000 requests per day
300 000 000 requests per month

**ONAJ OSJECAJ KAD SVE
TESTOVE AUTOMATIZIRAS**

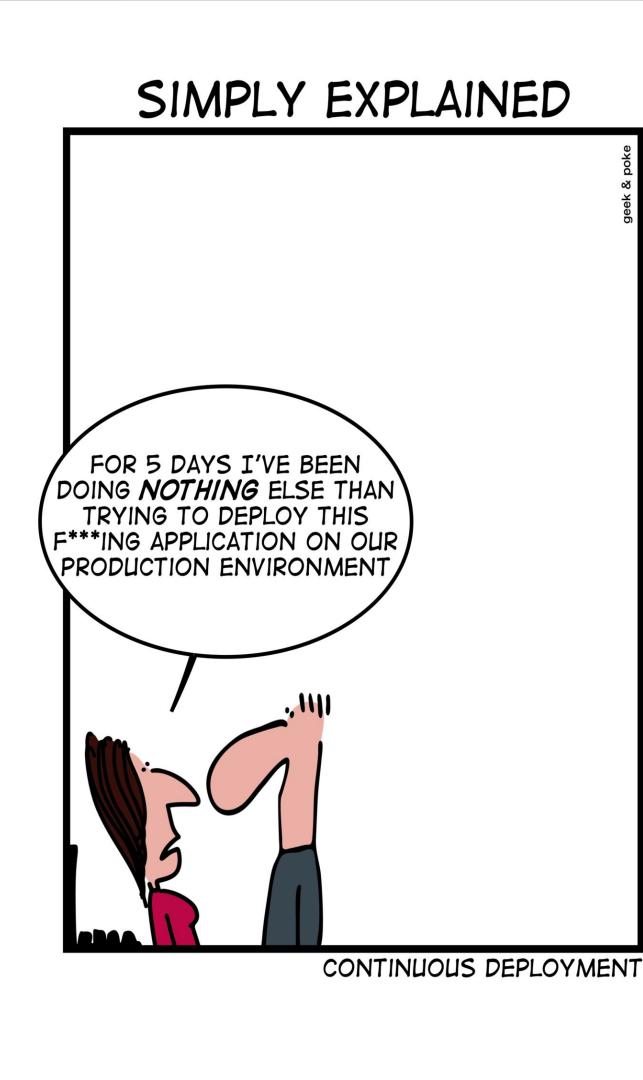


Get Into DevOps

“DevOps is the combination of **cultural philosophies, practices, and tools** that increases an organization’s ability to deliver applications and services at high velocity: evolving and improving products at a faster pace than organizations using traditional software development and infrastructure management processes.” - AWS

Best Practices

- Microservices
- Infrastructure as Code
- Continuous Integration
- Continuous Delivery
- Continuous Deployment
- Continuous Testing
- Continuous Security
- Monitoring and Logging
- Communication and Collaboration



Benefits

- Speed
- Rapid Delivery
- Reliability
- Scale
- Improved Collaboration
- Security

Google Cloud Platform

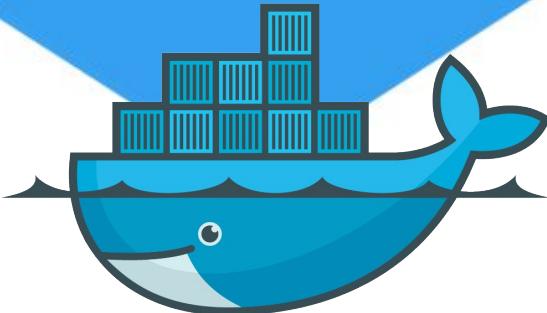
Docker
Kubernetes
Terraform
Istio

Get
Into
Infrastructure

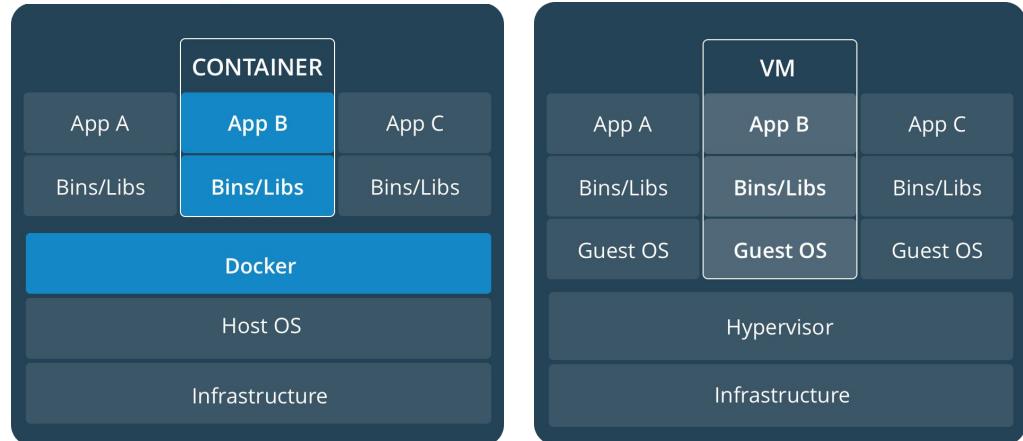
Docker

Build, Manage and Secure Your Apps Anywhere. Your Way.

- Faster Time to Market
- Developer Productivity
- Deployment Velocity
- IT Infrastructure Reduction
- IT Operational Efficiency
- Faster Issue Resolution



- 80% plan DevOps around Docker
- 90% plan Dev environments around Docker
- 58% use Docker for apps in production
- 90% use Docker for apps in development



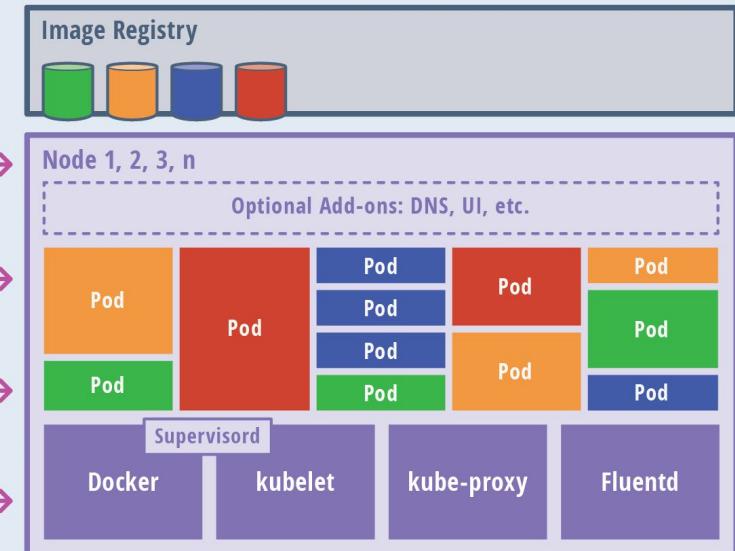
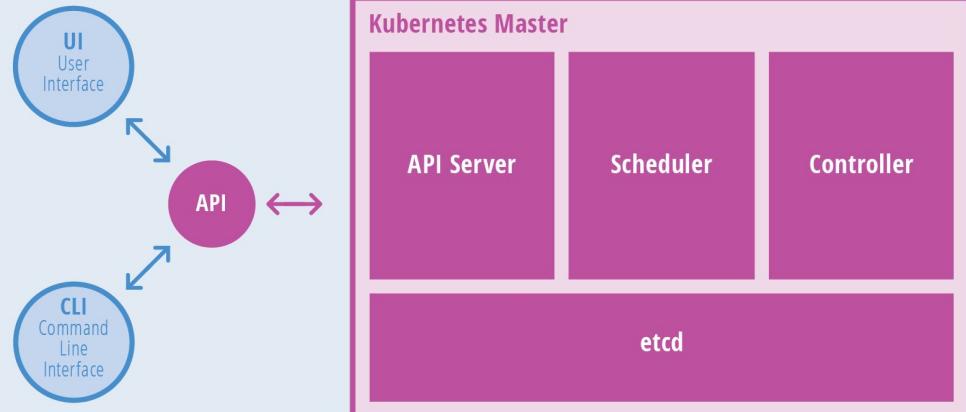
Kubernetes

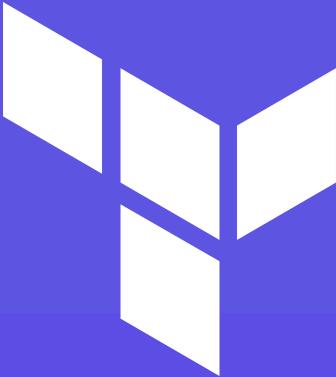
Automated container deployment, scaling, and management



- Run Anywhere
- Secret and configuration management
- Service discovery and load balancing
- Automating deployment, scaling, and management of containerized applications

- Planet Scale
- Horizontal scaling
- Self-healing
- Automated rollouts and rollbacks

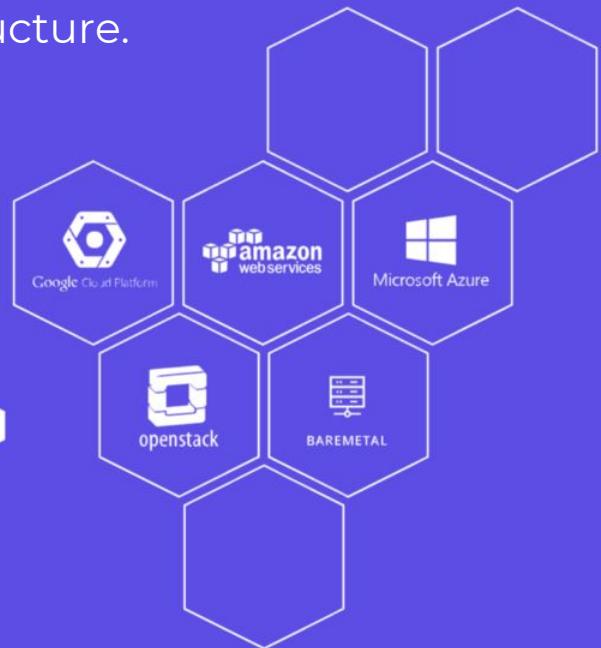
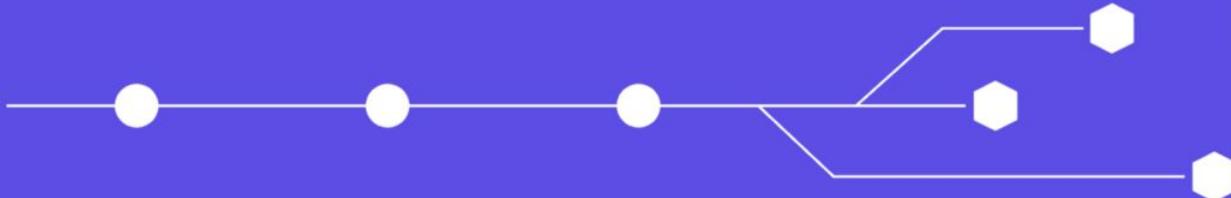




Terraform

Infrastructure as Code

HashiCorp Terraform provides an elegant user experience for operators to safely and predictably create, change, and improve infrastructure.



Istio

Connect, secure, control and observe services

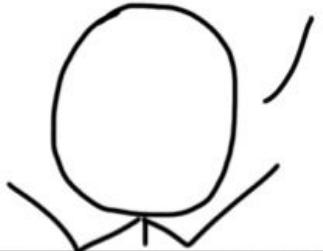
- Networking for microservice architecture
- Integrated routing, traffic encryption, auth and management
- Monitoring using Prometheus and Grafana
- Distributed tracing with Jaeger
- A/B Testing and canary deployments
- Zero code changes*

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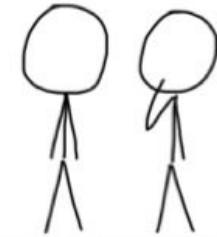


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SERVICE MESH!
SERVICE MESH!

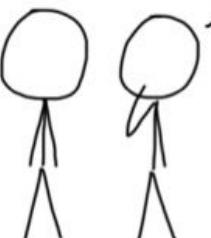


SERVICE MESH!
SERVICE MESH!

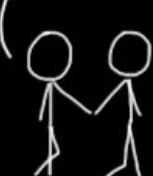


SERVICE
MESH!
SERVICE
MESH!

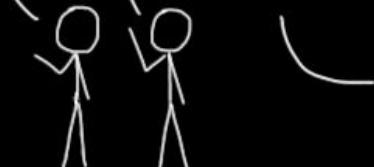
HE'S BROKEN.
NOT THIS AGAIN.
PUT HIM WITH THE REST.



SERVICE
MESH?



SERVERLESS!
BLOCKCHAIN!
INFRA AS
CODE!



@sebiwicb



"TALK IS
CHEAP.
SHOW ME THE
CODE."

-LINUS TORVALDS