



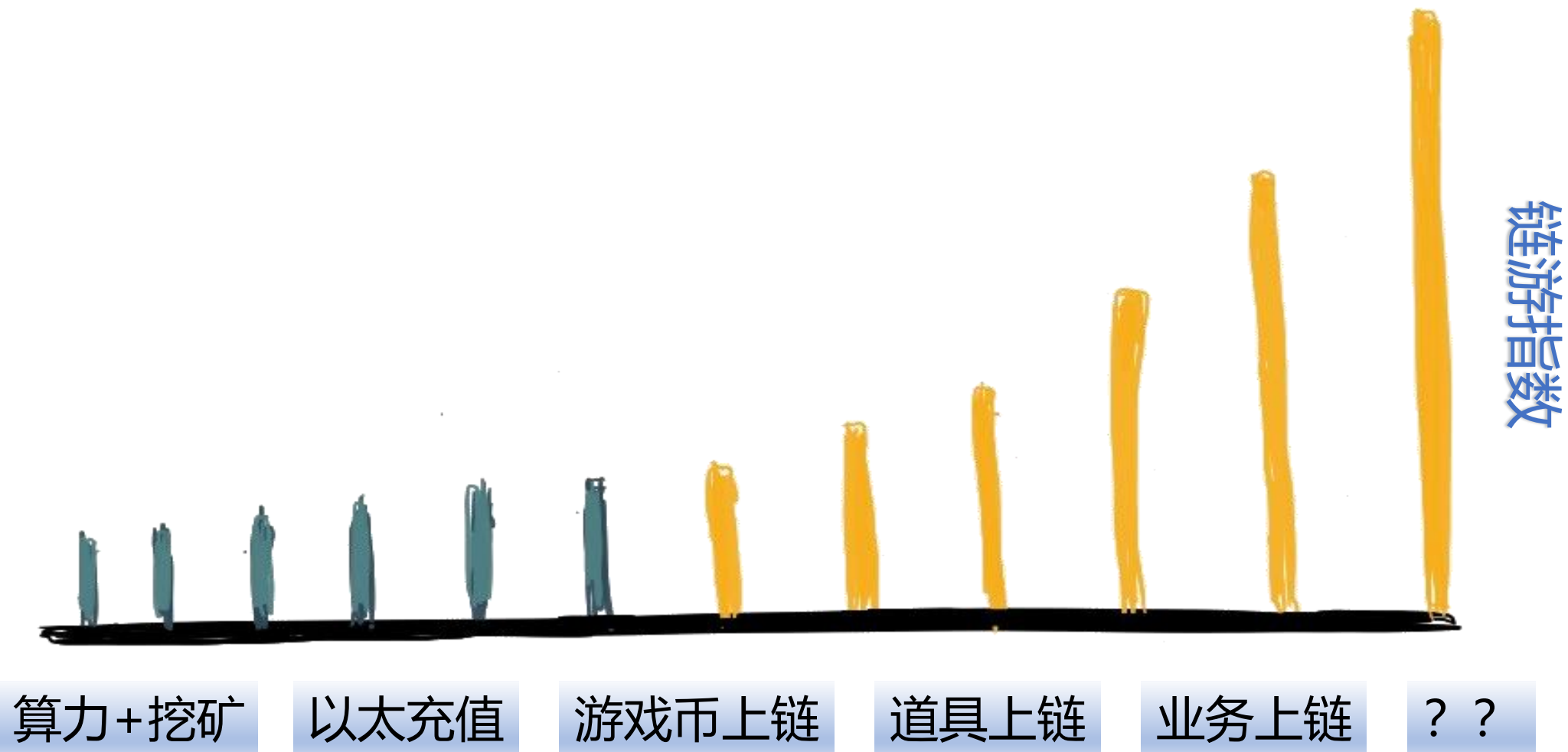
Nervos AppChain

链游的最佳基础设施

Cipher @ Cryptape

01 链游的基本共识

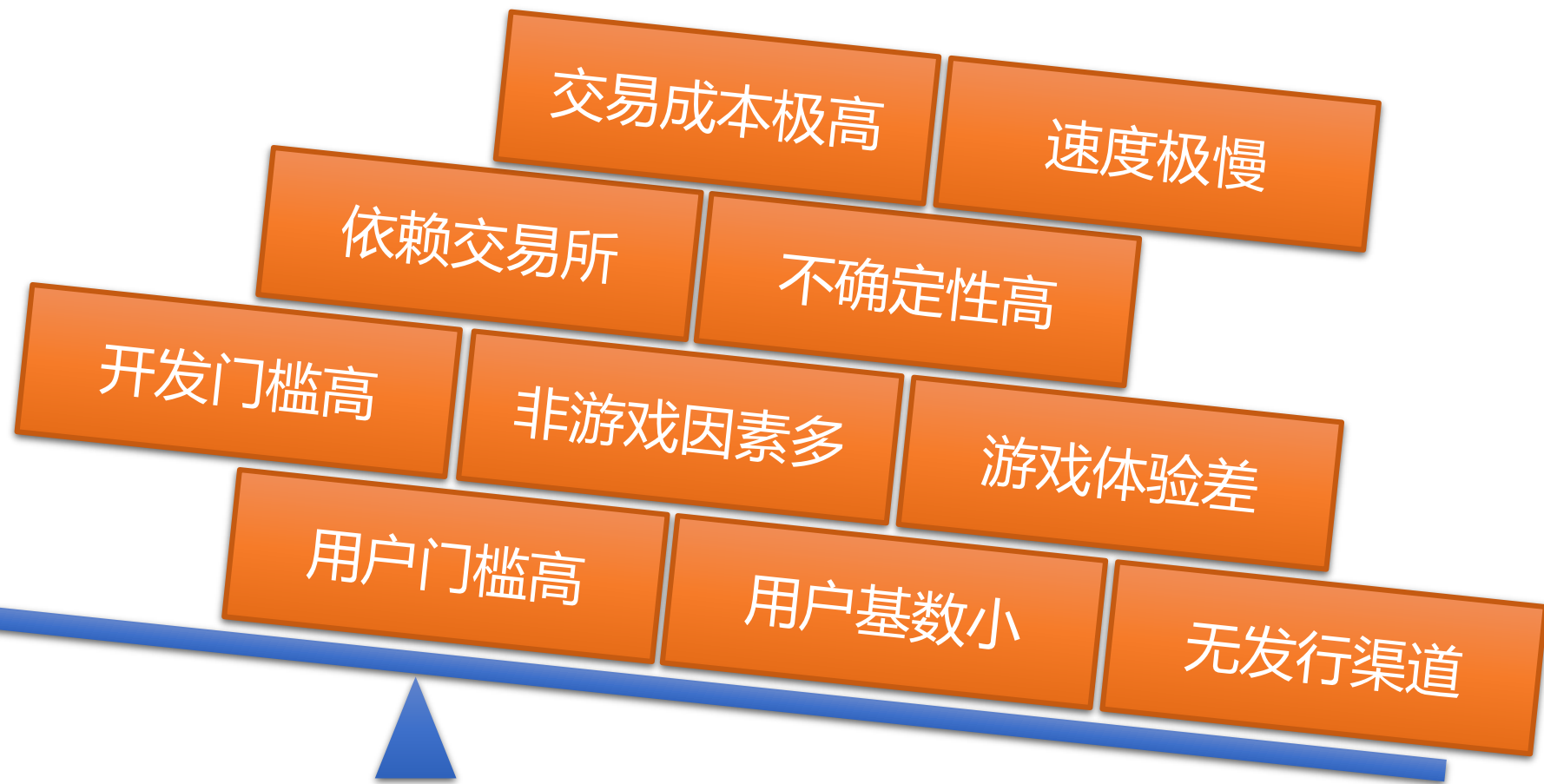
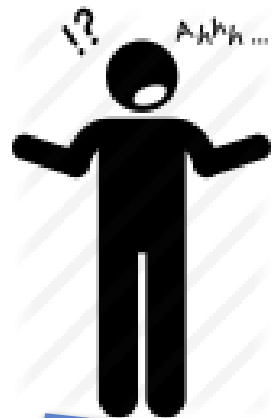
什么游戏能叫链游



链游的价值在哪



链游开发的痛点



02 Nervos AppChain介绍

第一印象

我们为每一个游戏单独提供一条公链

每一条公链以类似EOS的模式高速运行

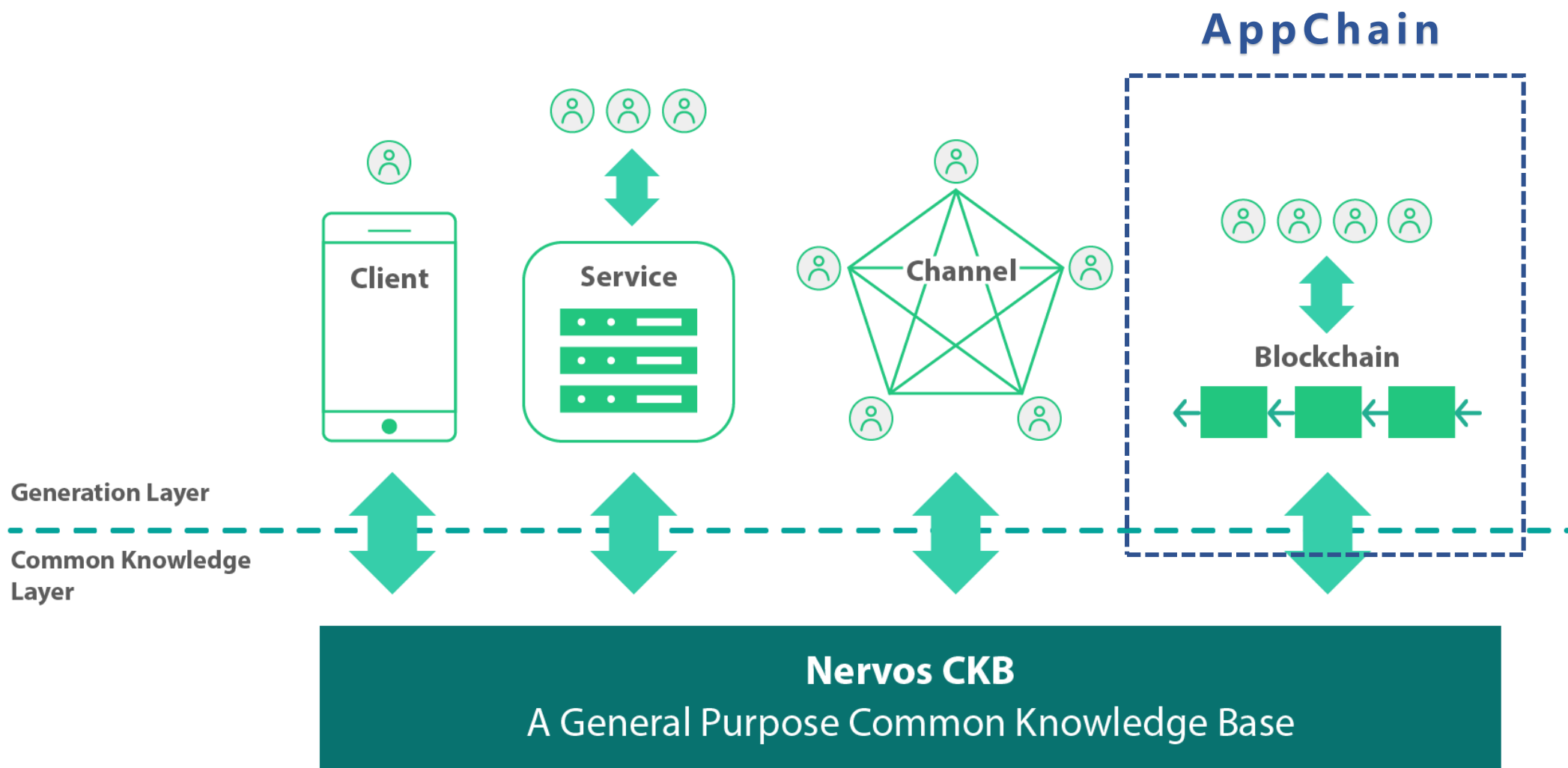
提供完整工具链

公链之间共享用户并与以太坊实现身份互通

完全免费开源

无需买平台币，不干预应用生态

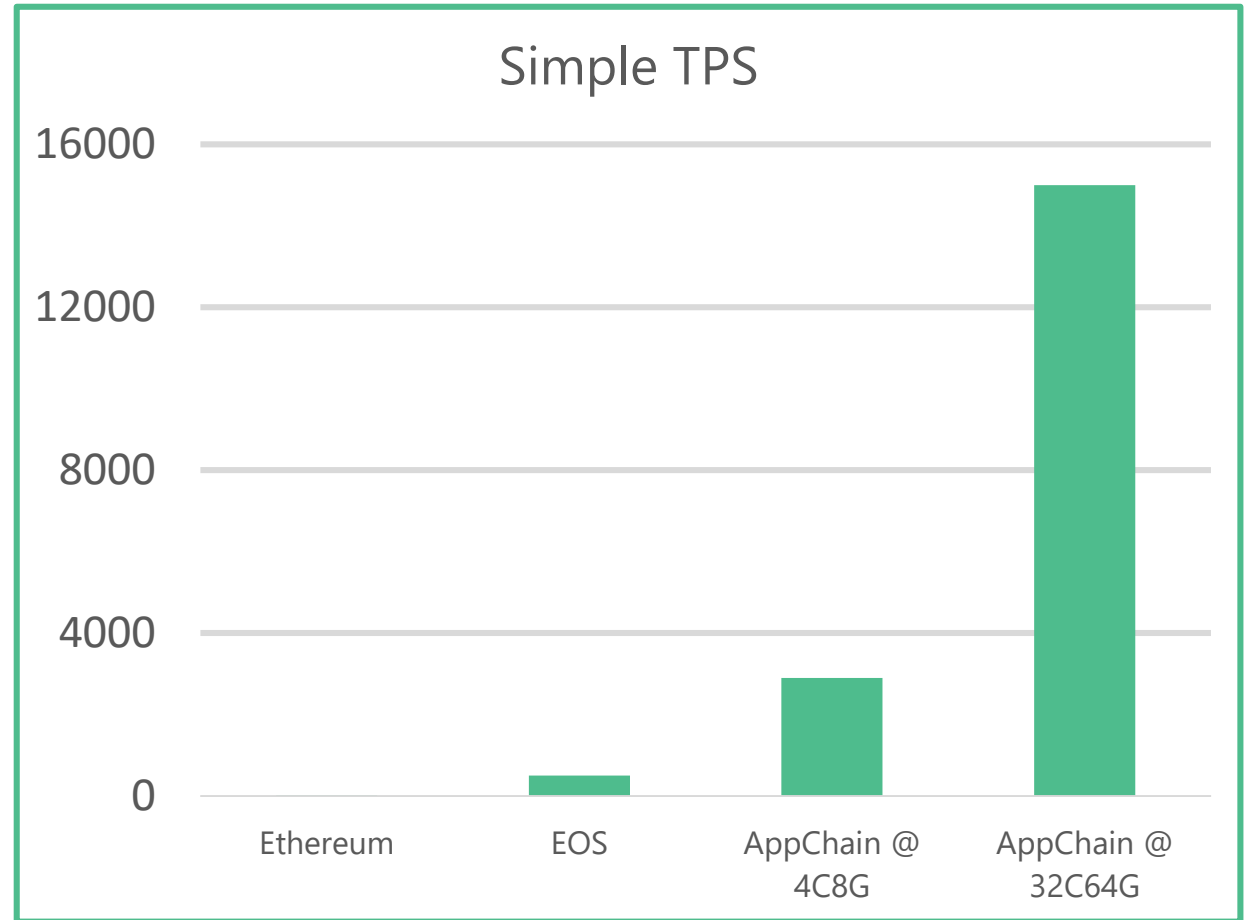
Nervos CKB 与 Nervos AppChain



不是所有的共识都需要在全球范围内达成

AppChain:最容易上手的链

- 可验证的高性能
 - 超级节点记账
 - 开源, 免费, 自己运营
 - 完整智能合约
- 与以太坊高度兼容
 - 支持以太坊合约
 - 支持以太坊开发工具
- 开源区块链工具
 - 区块浏览器
 - 缓存中间件
 - DApp 钱包 + 类小程序协议
 - 全平台SDK



Nervos AppChain 组件列表

- 底层链 CITA
- 区块链浏览器 Microscope
- DApp 钱包 Neuron / Android & iOS
- 缓存中间层 Rebirth
- SDK: nervos.js / nervosj / NervosSwift
- Demo: testnet-faucet / firstforever
- Utils: cita-cli / truffle-box port / signer

AppChain部署方合作



华为一键云部署

华为云支持Nervos AppChain一键部署方案，运营方可以根据自己需求配置节点性能。



万云AppChain

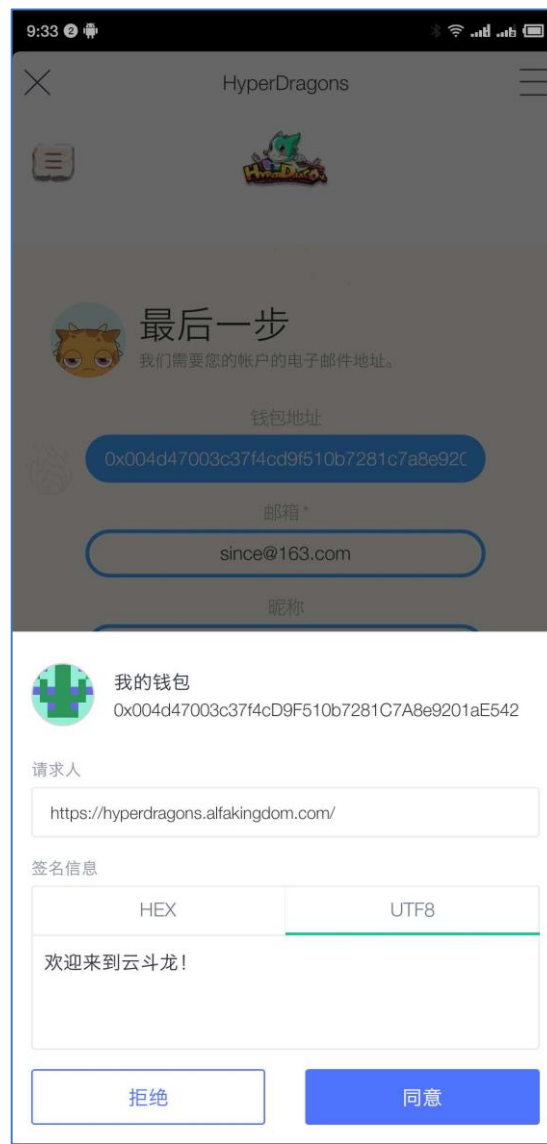
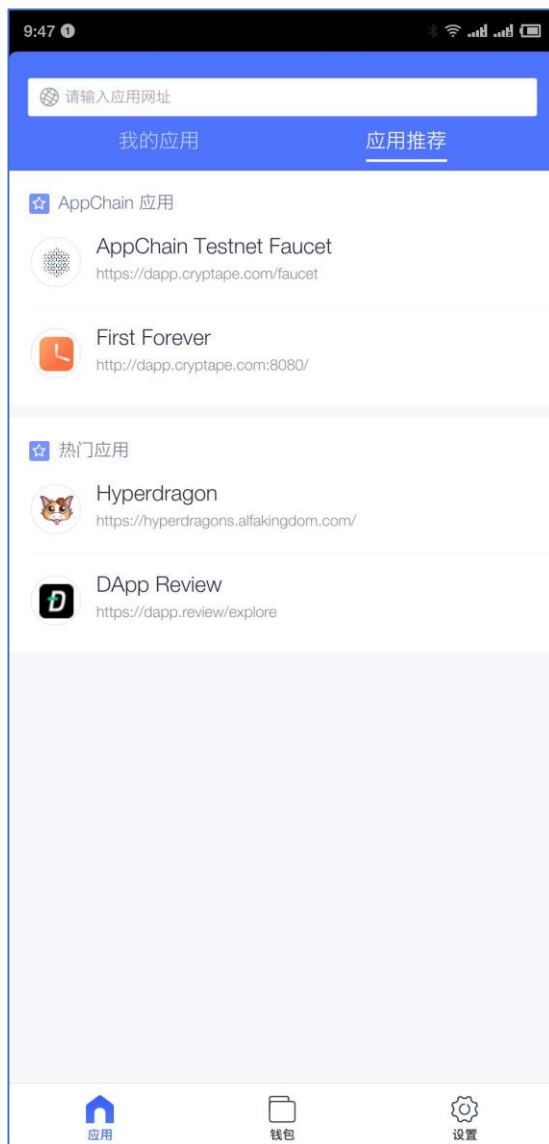
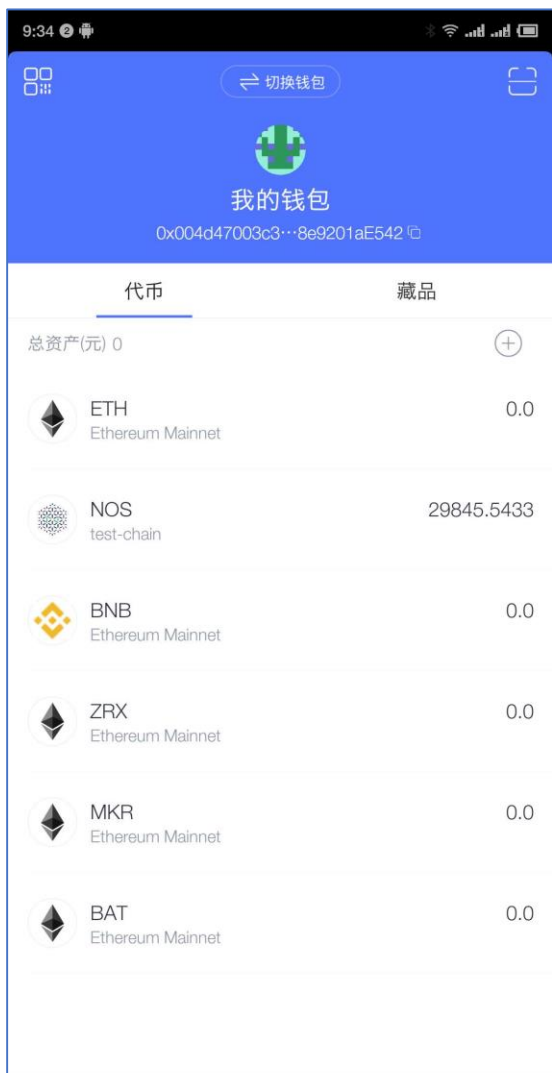
极速万云是多种区块链的节点池，旨在为广大区块链用户提供高质量的区块链底层接入服务和相关软件下载。万云AppChain为开发者提供安全稳定的dApp执行环境，注册万云后即可免费使用。



络谱区块链登记开放平台

络谱区块链登记开放平台（BROP）是中钞区块链技术研究院基于自主知识产权研发的区块链登记开放平台。致力于基于区块链技术，建立数字身份、可信数据、数字凭证，实现可信协作。

Neuron: 普通人的区块链入口



<https://github.com/cryptape/neuron-android/releases>

03 链游开发123

开发流程

- 下载 Neuron 钱包
- 生成/导入私钥
- 访问测试链水龙头DApp领取测试币
- 开发智能合约
- 开发前端H5 UI
 - 集成 nervos.js / web3.js
 - 调用 sendTransaction唤起钱包本地签名
 - 查询 Microscope浏览器

技术支持

github

Nervos AppChain

Nervos AppChain is a public permissioned blockchain that provides a high performance application blockchain solution (Layer 2) for Nervos Network.

Website: <http://appchain.nervos.org> (Chinese)

Documents: <https://docs.nervos.org/nervos-appchain-docs/> (Chinese)

Blockchain Kernel

CITA is a high performance permissioned blockchain kernel developed by Cryptape, commissioned by Nervos Foundation. CITA could be used to build a consortium permissioned blockchain or a public permissioned blockchain.

GitHub Repo: <https://github.com/cryptape/cita>

Documents: <https://docs.nervos.org/cita>

Whitepaper: <https://github.com/cryptape/cita-whitepaper>

Blockchain Facilities

Neuron

Neuron is a DApp browser and a blockchain wallet that supports both AppChain and Ethereum. DApps built on top of an AppChain or Multiple AppChains can be used in Neuron. Users have absolute safety and seamless interaction experience with Blockchain.

GitHub Repo (Android): <https://github.com/cryptape/neuron-android>

GitHub Repo (iOS): <https://github.com/cryptape/neuron-ios>

Documents: <https://docs.nervos.org/neuron-android/> (Chinese)

Microscope

Microscope is a full-featured blockchain browser platform. With Microscope you can access data of blocks, transactions, account (including contracts) on any specified AppChains, as well as call contract methods and view AppChain's real-time performance index. A cache server is also provided for caching blockchain data. It can be easily deployed to cache data from any specified AppChains for application usage.

GitHub Repo: <https://github.com/cryptape/microscope>

Cache Server: Rebirth

Documents: <https://cryptape.github.io/microscope/> (Chinese)

Rebirth

Rebirth is a blockchain explorer cache server for Appchain.

GitHub Repo: <https://github.com/cryptape/re-birth>

Documents: <https://github.com/cryptape/re-birth/blob/master/README.md>

SDKs

js

python

node

rust

golang

java

php

perl

python3

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后续功能

- DApp小程序化
 - Native 扩展（文件、图片、传感器、健康数据.....）
 - 签名友好
- 微信支付、支付宝支持
- OTC 交易支持
- Nervos CKB ?

期待链游大爆发



CRYPTAPE第三季度招聘

岗位	工作内容	岗位	工作内容
区块链工程师	CITA底层开发	PR渠道	媒体渠道搭建及对接媒体关系
测试工程师	测试CITA及相关产品	专利流程专员	知识产权的流程管理、合同的收发归档
高级前端开发工程师	产品前端开发、Dapp开发	招聘专员(活动方向)	线下招聘渠道搭建、校园招聘及雇主品牌搭建
内容运营	输出有价值的平台/行业/公关类文章	IOS 开发工程师	区块链IOS端钱包APP及相关SDK开发

投递简历方式:

1. 邮箱直接投递: join@cryptape.com
邮件标题“应聘岗位+姓名”

2. 通过扫描官网的二维码加入我们
所有简历会在3个工作日之内反馈

