

# Graduation Ceremony Closing



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# 互联网发展简史

**Web 1.0**  
**(1980 ~ 2005)**

开放协议

去中心化

专属服务器

社区治理

静态内容

用户拥有数据

只读

广告条

点击量

**Web 2.0**  
**(2005 ~ 2020)**

孤立服务

中心化

云计算

垄断

动态内容

平台拥有数据

读写

互动广告

点击付费

**Web 3.0**  
**(2020+)**

开放协议

去中心化

分布式计算

DAO-治理

互操作性资产

用户拥有数据

拥有

无广告

通证经济

# SPEED AND SCALABILITY

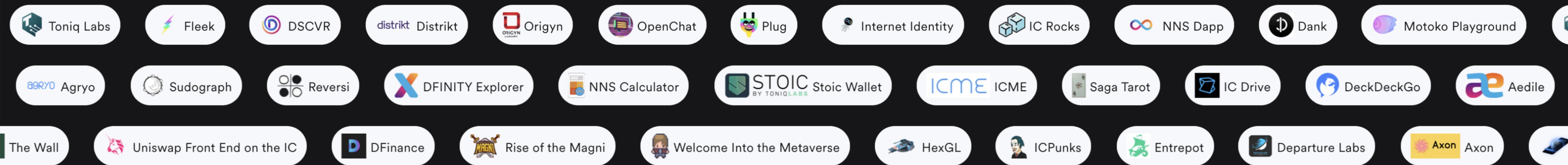


	Cardano	Avalanche	Ethereum	Hyperledger	EOS
<b>Transactions Per Second</b>	11,500 TPS 250,000 QPS	4,500 TPS	2,000 TPS	250 TPS	15 TPS
<b>Transaction Finality</b>	1 second	1.6 seconds	21—46 seconds	1—10 minutes	1—14 minutes
<b>Nodes</b>	414 0% cloud	1,238 ? cloud	1,442 +70% cloud	3,130 ? cloud	5,588 68% cloud
<b>Scalability</b>	Infinitely scalable — no linear degradation	Linear degradation	Linear degradation, potentially no linear degradation	Linear degradation	Linear degradation

# How Is IC Different?

[ic123.xyz](https://ic123.xyz)

# Explosive Growth of IC Ecosystem



### FLEEK

Fleek brings decentralized web-hosting to the Internet Computer. With thousands of webpages deployed, Fleek enables anyone to deploy their content on Web3.0.

fleek.co

#Infrastructure #Tools

### DISTRIKT

Distrikt is a completely decentralized, community-owned professional network. Users of the platform will vote on upgrades, and no user data will ever be mined or sold. Create your account, secured by Internet Identity today.

19 000 users

#Social #Dapp

### ORIGYN

The Origyn Foundation is blending luxury goods, with NFTs by providing digital verifications for physical objects. Only possible on the Internet Computer.

www.origyn.ch

#Enterprise #NFT

### OPENCHAT

Decentralized messaging has been a pipe-dream for decades. With the advent of the Internet Computer, real-time messaging is now possible on a blockchain.

50 000 users

7e6iv-biaaa-aaaaf-aaada-cai

#Social #Dapp

### INTERNET IDENTITY

Internet Identity guarantees that your data isn't visible, tracked, or mined. The blockchain authentication system enables users to sign in to dapps on the Internet Computer and sites across the web anonymously and securely.

1 000 000+

identity.ic0.app

#Authentication #Dapp #Infrastructure

### IC ROCKS

IC.Rocks is a complete "block explorer" for the Internet Computer – built by the community. Tracking everything from transactions, to network upgrades, to cycles, IC.Rocks enables anyone to explore the inner-workings of the Internet Computer.

ic.rocks

#Infrastructure #Explorer

### NNS DAPP

The NNS front-end dapp allows anyone to interact with the Internet Computer's Network Nervous System with a user-friendly UI. Served completely end-to-end through blockchain, this dapp allows you to manage ICP, stake neurons, participate in voting, and earn rewards.

ic.rocks

#Dapp #Infrastructure #Wallet #NNS

### DANK

Dank is the first Decentralized Bank built on the Internet Computer, developed by Fleek. Through a collection of Open Internet Services for users and developers, Dank makes cycles management seamless.

dank.ooo

#Infrastructure #DeFi

### TONIQ LABS

Toniq Labs is the creator of Entrepot NFT marketplace, Stoic Wallet, Exponent, and Rise of the Magni, Cronic NFTs and more. Try out their projects that range from NFTs to wrapped cycles to games built on, and for, the Internet Computer blockchain.

igpeu-waaaa-aaaad-qavaa-cai

#Infrastructure #Dapp

### CANLISTA

The Internet Computer community canister registry. Find, publish and extend applications and services built on the Internet Computer. Log in with Internet Identity.

k7gat-daaaa-aaaae-qahaq-cai

#Infrastructure #Dapp

### AGRYO

Agryo is the global risk intelligence provider that enables financial institutions to assess and manage financial risks in the crop field level for underwriting agriculture insurance, loans, and trade finance globally; as well as meet sustainability goals.

www.agryo.com

#Enterprise #DeFi

### SUDOGRAPH

Sudograph is a GraphQL database for the Internet Computer. Its goal is to become the simplest way to develop applications for the IC by providing flexibility and out-of-the-box data management.

i67uk-hiaaa-aaaae-qaaka-cai

#Infrastructure #Dapp #Tools

### PLUG

Plug is a browser extension that allows you to access your ICP, Cycles and other tokens – as well as log into Internet Computer dapps with one click. Download it here.

100 000 users

plugwallet.ooo

#Wallet #Infrastructure #NFT

### REVERSI

Reversi is one of the first canister smart contracts deployed to the Internet Computer and is a completely decentralized multiplayer game. Play against a friend (or foe) in real-time, from any browser, anywhere in the world.

ivg37-qiaaa-aaaab-aaaga-cai

#Wallet #Infrastructure #NFT

### DFINITY EXPLORER

DFINITY Explorer, a project started in 2018, is an open-source, community-built dashboard and explorer for the Internet Computer, providing live information and statistics about the network, governance, and the ICP utility token, including account and transaction information.

www.dfinityexplorer.org

#Infrastructure #Dapp

### NNS CALCULATOR

The Network Nervous System Calculator is a calculator that allows anyone to edit variables and estimate voting rewards based on number of proposals voted on, length of stake, accumulated maturity, and more.

networknervoussystem.com

#Infrastructure #Dapp

# From Zero To One

11/23/2021, \$300M valuation, Origyn

11/30/2021, \$10M valuation, Dmail

12/29/2021, \$1.5M raised, InfinitySwap

1/28/2022, \$20M valuation, Relation Labs

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2026, 100 hot startups valued > \$100M

2030, 50 unicorns valued > \$1B

# Roadmap for Internet Computer

[dfinity.org/roadmap](https://dfinity.org/roadmap)



THE PROPOSALS:

1. [Integration with Ethereum](#)
2. [General Integration](#)
3. [Decentralized CA and DNS](#)
4. [Trusted Execution-Enhanced IC](#)
5. [Dapp Governance \(SNS\)](#)
6. [DeFi Enhancements](#)
7. [Node Performance](#)
8. [Scalability](#)
9. [Storage Subnet Blockchains](#)
10. [Secure OS](#)
11. [Tokenomics](#)
12. [SDK](#)
13. [Motoko](#)
14. [Post-Quantum Security](#)
15. [Internet Identity](#)
16. [Privacy: Multi-Party Computation](#)
17. [Formal Verification](#)
18. [Security Proofs](#)
19. [Malicious Node Security](#)
20. [People Parties](#)
21. [Decentralized Node Management](#)
22. [Boundary Nodes](#)
23. [Subnet Blockchain Splitting](#)
24. [Canister Migration](#)
25. [Subnet Blockchain Recovery](#)

- ▶ 允许容器智能合约控制ICP
- ▶ 将容器内存从8GB扩展到300GB
- ▶ 容器智能合约添加ECDSA签名
- ▶ BTC x IC的整合
- ▶ ETH x IC的整合
- ▶ 跟预言机的连接
- ▶ Dapp管理体制 - Service Nervous System
- ▶ 去中心化节点管理
- ▶ People Party 真人认证
- ▶ 对抗量子计算

<https://dfinity.org/grants/>

<https://dfinity.org/community/>

<https://dfinity.org/whitepaper.pdf>

\$225M



DFINITY



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# SUPERNOVA

# To Decentralized Infinity ... And Beyond

**Build your dApp & apply for DFINITY's Developer Grant Program**

**Refer talents to join DFINITY Asia team (开发者关系, 架构师, 社区运营, Program Manager )**

**Tell your friends how IC is different from all other chains and will revolutionize the Internet**

**Thank You!**



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