

Dapps Economy

Summary of [1000Dapps](#)

Value

- Two domains: Infrastructure and App
 - Infrastructure: Protocol + Implementation
 - App: on the top of infrastructure, customer facing
- **Q: Where is (most) value ?**
 - Infrastructure Maximalist: all the value is in the Infrastructure
 - Supporting argument: without Infrastructure there is no App
 - COMMENT: OK but without App there is no economic value for Infrastructure
 - DApp Maximalist: all the value is in the App
 - Supporting argument: Customer engagement (gets money to solve real world problem), loyalty, ...

Features

- **1. More Efficiency** = more free, faster, cheaper
 - via cutting away intermediaries
- **2. More Transparency**
 - by construction for Permissionless Public Ledgers
- **3. More Security**
 - Security in Centralized Systems: checks on borders
 - Security in Decentralized Systems: no borders → no traditional scheme, security is built-in in the computation itself (Cryptography)
- **4. Tokenization**
 - Digitalization of Assets, Asset Transfer regulated by On-Chain Logic
 - Big Goal: “Code is Law”

Tools

- Notes
 - Customer does not need to know much about them, developers do
- 1. Cryptography
 - Built-in security allowing the Blockchain to exist and work in a trustless decentralized environment
- 2. Distributed Systems
 - Decentralization requires different physical computing infrastructures to run Nodes
 - Big Goal: Scalability (solve a lot of problems just adding more nodes)
- 3. Incentives (Game Theory)
 - Big Goal: Incentive > Central Governance