

construct
2017



ethereum



Dev Tools, Dapps, & Future Developments



#construct2017

TOPICS

- Ethereum Roadmap
- Ethereum Software Ecosystem
- What Makes Us Different



ETHEREUM ROADMAP

Then. Now. Future. Far Future



WHERE WE'VE BEEN

- January 2014 - Ethereum formerly announced at North American Bitcoin Conference.
- July 2015 – “Frontier” phase: Ethereum blockchain goes live.
- March 2016 – “Homestead” phase: Many protocol improvements.



WHERE WE ARE NOW

- Light-clients
- Tons of Dapps
- Ethereum on mobile/embedded devices
- Improvements in smart contract safety and formal verification
- Interest from many industries



WHERE WE ARE GOING: “METROPOLIS”

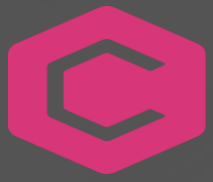
- ETA: 3-6 months.
 - *Provide flexibility to smart contract devs*
 - *Initial steps towards Ethereum “abstraction”*
 - Separate consensus, logic, and data layers.
 - Eventual support for different consensus protocols, account security, and scalability solutions.
 - *zk-SNARKs on Ethereum (check out Project Alchemy)*



SUPER COOL STUFF AFTER METROPOLIS: "SERENITY"

- ETA: Not finalized.
 - *Change from PoW to PoS: CASPER consensus algo.*
 - *Finish "abstraction" of Ethereum.*
 - UTXO based token management.
 - Advanced contract execution schemes
 - Swap out consensus mechanisms (Tendermint, PoW, etc.).
 - *Blockchain sharding and < 4 sec. block times.*

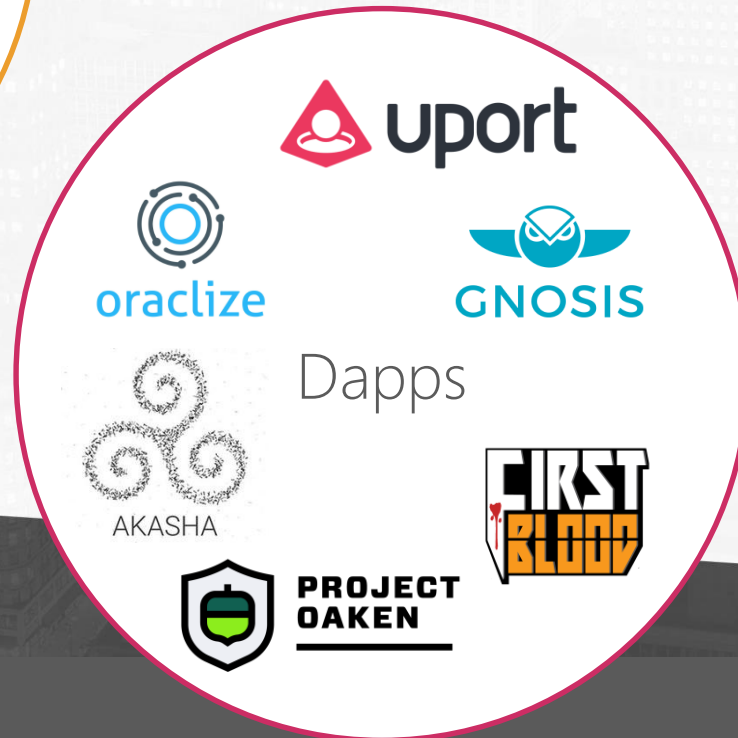
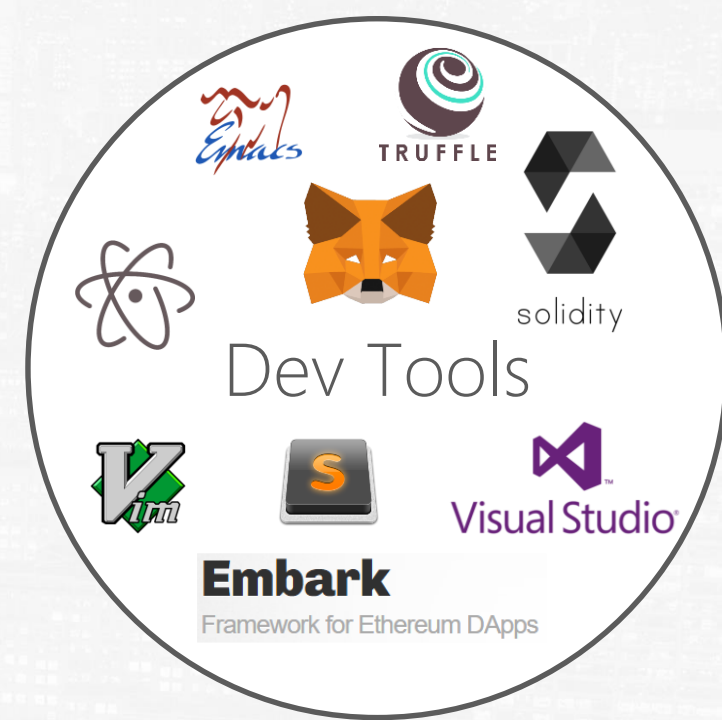




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ETHEREUM SOFTWARE ECOSYSTEM



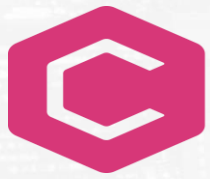


WHAT MAKES ETHEREUM DIFFERENT?

Then. Now. Future. Far Future







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SCAVENGER HUNT!

STARTING TOMORROW...



ethereum



bitcoin



CASH



IPFS

