
Ethereum
Development tools
Deploying a private chain with
Parity-Ethereum
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MacBook Pro

Isn’t Crypto dead?

https://weekinethereumnews.com/

Tooling

- Vyper: an alternative language for smart contract development
- Brownie: a Python framework for testing, deploying and interacting with your EVM code
- Truffle v5.0.5: development framework for Ethereum
- LimePay: enable your users to execute Eth transactions with fiat
- and so much more

Today’s tool

- Goals
  - Does it work?
  - How easy it is to install?
  - How easy is it to set up?
  - Is it well documented?

Parity Ethereum

- Who maintains it?
  - Parity Technologies (Founded by the Co-Founder and former CTO of the Ethereum foundation Gavin Wolf)
- What is it?
  - It’s an ethereum client (Rust implementation of Geth ?better?)
- What is it for?
  - For mining
  - Running a node
  - Setting up a private network (like the Ethereum network but private)

What can you use a private network for?

- Test or staging environments.
- Research and development.
  - setting up a small group to explore how to best leverage blockchain across Facebook, starting from scratch.
- For JP Morgan to do business.
  - JP Morgan is rolling out the first US bank-backed cryptocurrency to transform payments business

How are we going to validate the goals

Set up a Proof of Authority network

- Steps
  - Create 2 authority addresses to run 2 authority nodes.
  - Create 1 user address with a lot of $.
  - Get the authority nodes running.
  - Connect the two authority nodes.
  - Use the user address to spread some love ($_$) to another account.

Code time

Let’s deploy a private network


Takeaways
• Tooling and documentation are getting better day by day
• No investing advice but at least follow the blockchain/Decentralized sector
• When evaluating solutions take a look if decentralization has something to offer.
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