ethereum

Ethereum para desenvolvedores

Pedro Mázala

~> whoami_

- Pedro Mázala
- Developer since 2009
- DevOps
- DB1 Global Software / EBANX
- UNIX user since 2013
- BSc Computer Science
- Laura and Olívia dad

Ethereum

- Smart Contracts
- Turing complete programing language (Solidity)
- POW
- Fuel
  - Ether
  - Gas
- Public / Private
  - Easy to build, easy to run

Tools

- IDE
  - VisualStudio
  - Remix
  - Any text editor...
- Wallets
  - Metamask
  - MIST

Tools

- TruffleSuite
  - Truffle
  - Ganache
- Net's
  - Rinkeby
  - Ropsten
  - Main

Does it really work?

Lume project

- Crypto-currency
- Stable coin model
- DB1 project
- Corporative payout
- Internal + partners

We, we don't do that here.

OpenZeppelin

- Smart contracts library
- Hosted on NPM
- Implemented standards
- Tested
- Community guarantee
- MIT license

Tokens

- ERC20

- ERC721

geth

- Ethereum node
- Ethereum CLI
- One of the three original implementations
- Miner
- Easy to deploy
- Private / Permissioned

Docker

- Better than VM
- Self-hosted Ethereum
- Ecosystem
- Security isolation

Dúvidas?

THAT IS AN EXCELLENT QUESTION

Obrigado!