



Ethereum
Application
Development



@Pi0neerPat



Wallets



Web3 Provider



Front-end

Install

truffleframework.com/ganache
[Metamask.io](https://metamask.io)

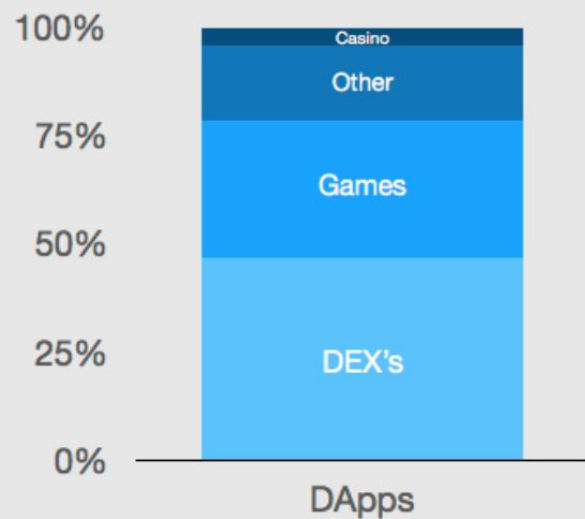
Bookmark

[github.com/blockchainbuddha/
Intro-to-Blockchain](https://github.com/blockchainbuddha/Intro-to-Blockchain)

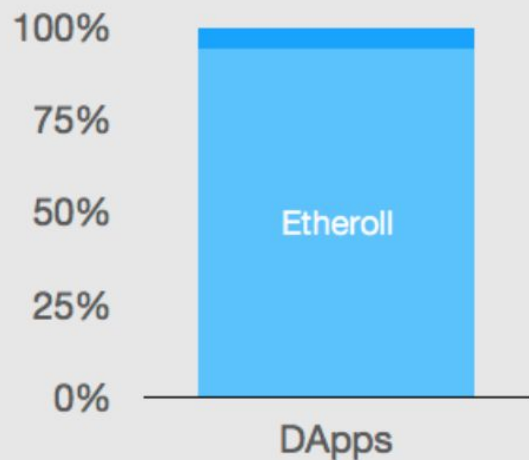
All Dapps

New Dapps

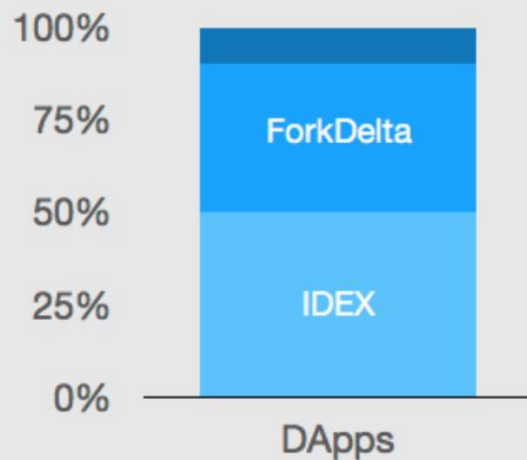
#	Title	Category	Balance	DAU	Volume (24h)
✳	CryptoNumismat	Game	0.00	1	0.02
2	IDEX	Other	24,035.95	2,515	5,938.88
1	ForkDelta	Other	30,006.32	2,589	3,374.36
4	PoWH 3D	Other	3,063.61	706	406.00
26	Etheroll	Casino	3.33	29	229.12
6	LocalEthereum	Other	84.60	227	222.08
5	The Token Store: Trade by Address	Other	660.04	231	66.77
12	Kyber	Other	86.24	89	64.32
3	CryptoKitties	Game	672.74	951	58.95
24	ETH.TOWN: Presale	Game	419.74	31	40.56
10	Ethereum Name Service	Other	0.00	151	12.54

Categories of DApps
April 2018

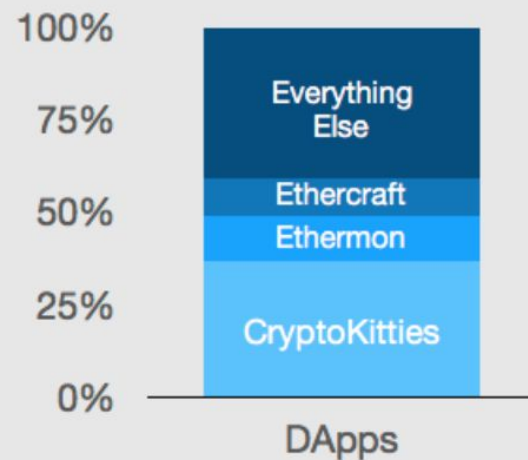
Casino Category

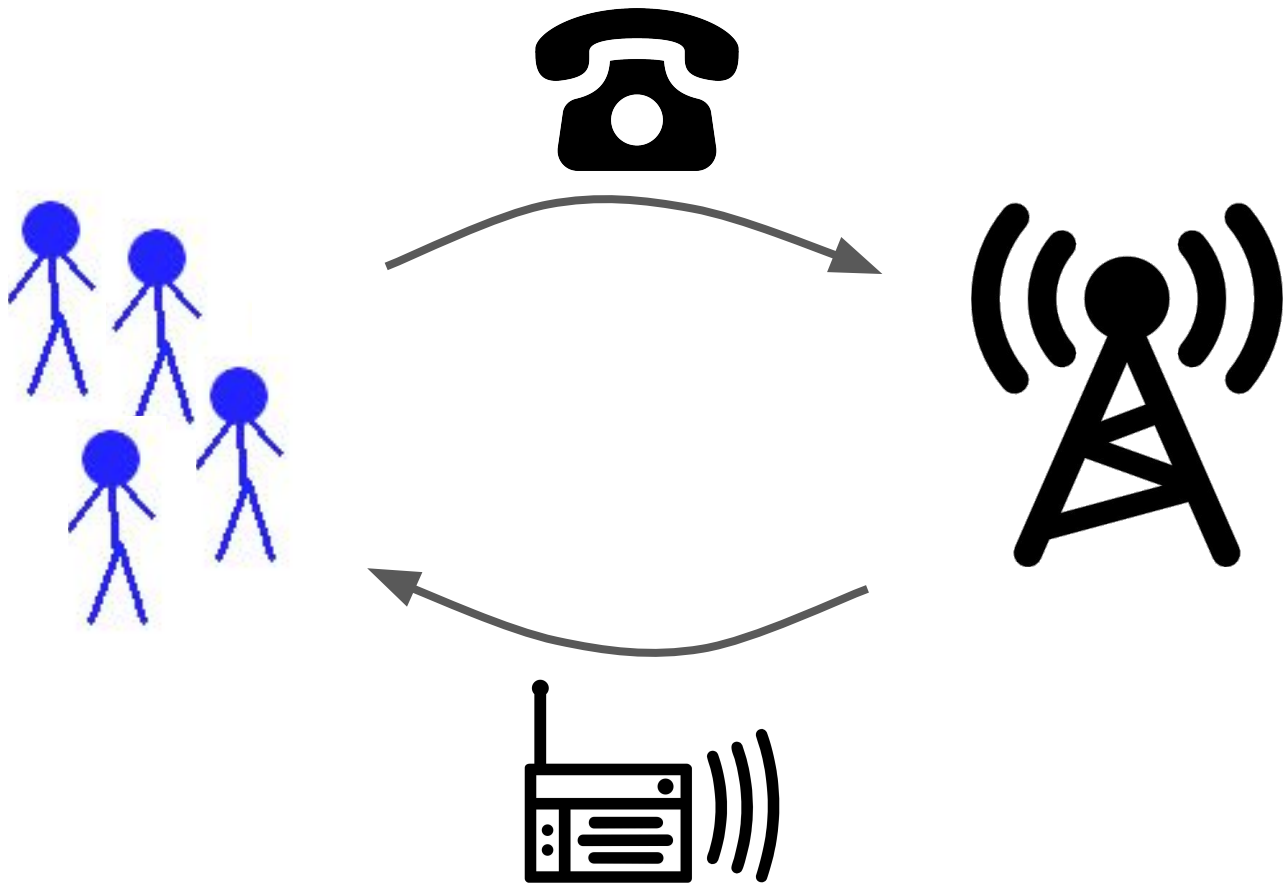


DEX Category



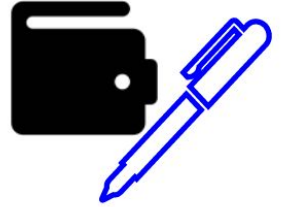
Game Category





Key Terms

Wallet: stores *private keys*, signs messages



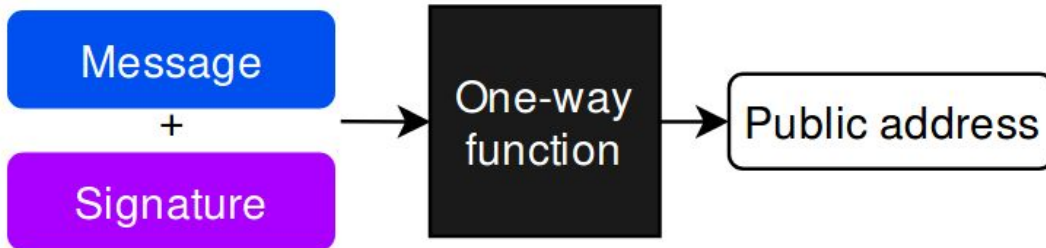
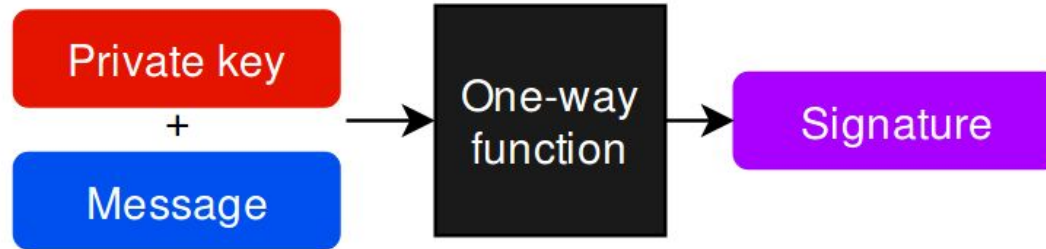
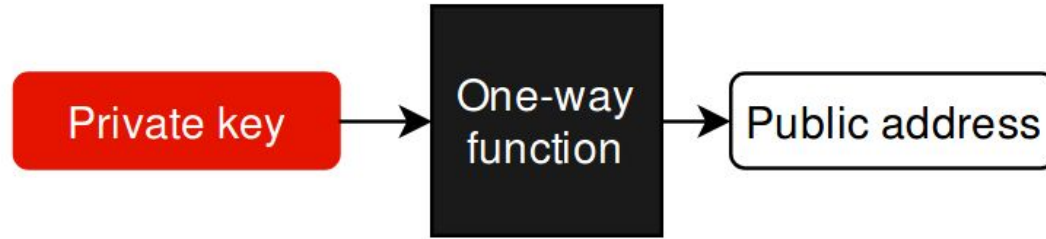
Web3 Provider: connection to X blockchain



DApp: >1 blockchain component

Buidl: Inventing a better, decentralized world

Cryptography

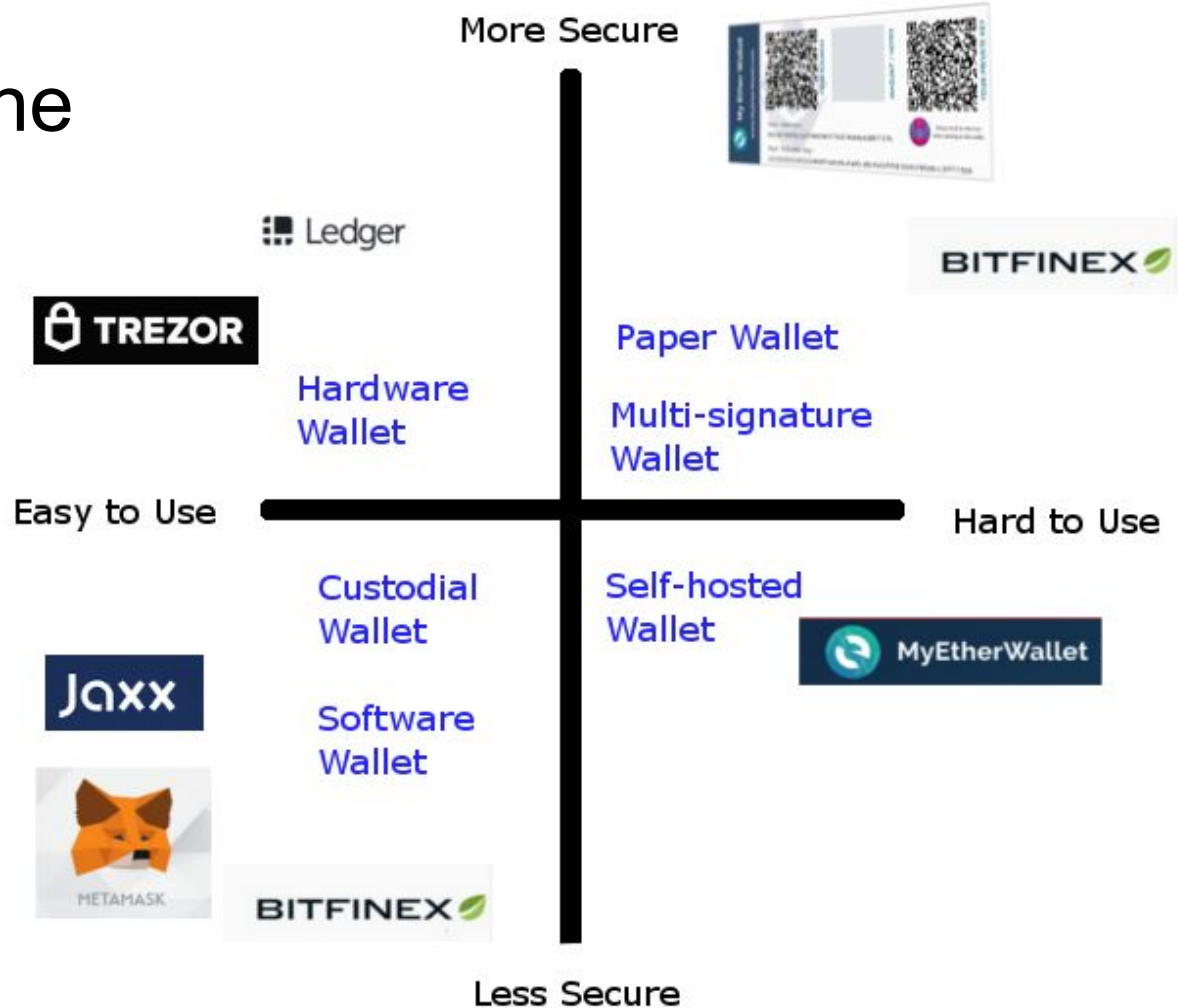


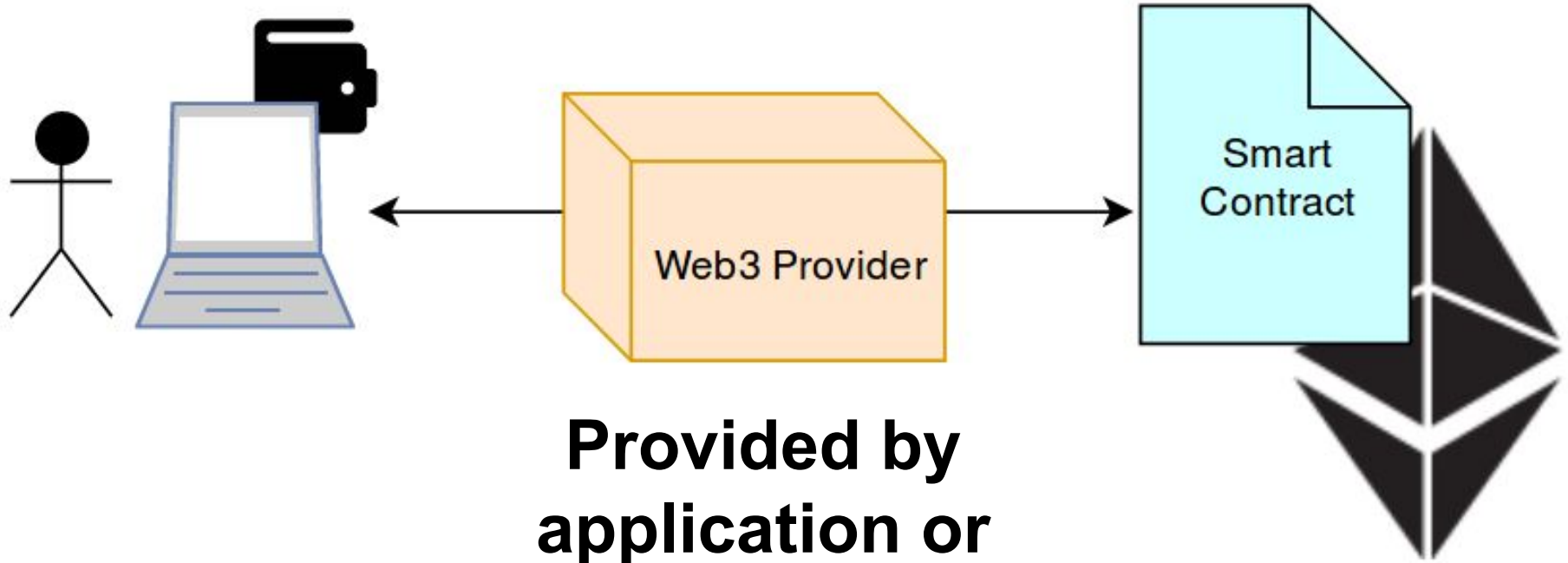


So yeah...

I'm gonna need you
to explain what this
blockchain thing
is.....

Who owns the private key?





**Provided by
application or
wallet**

Metamask.io

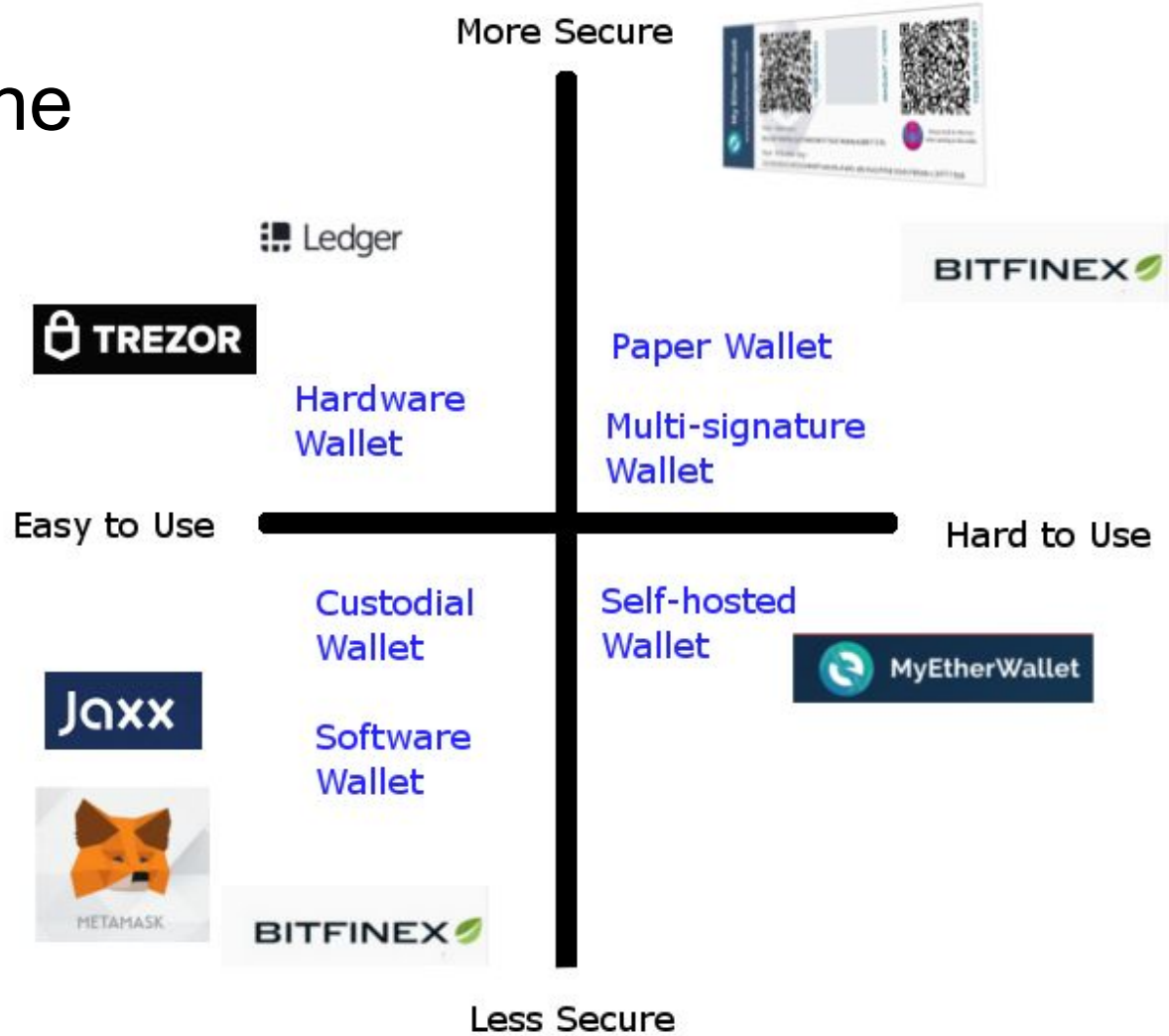


Wallets



Web3 Provider

Who owns the private key?





Enhance!



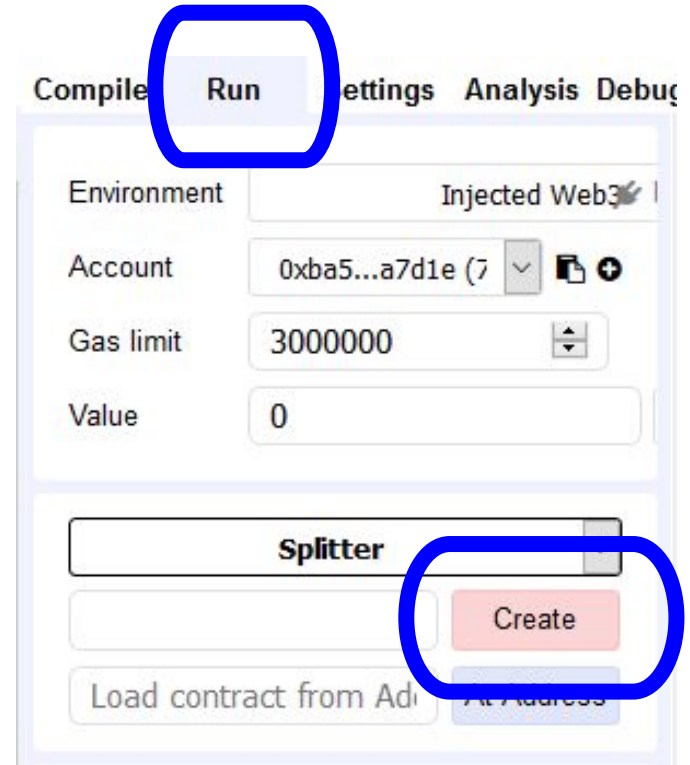
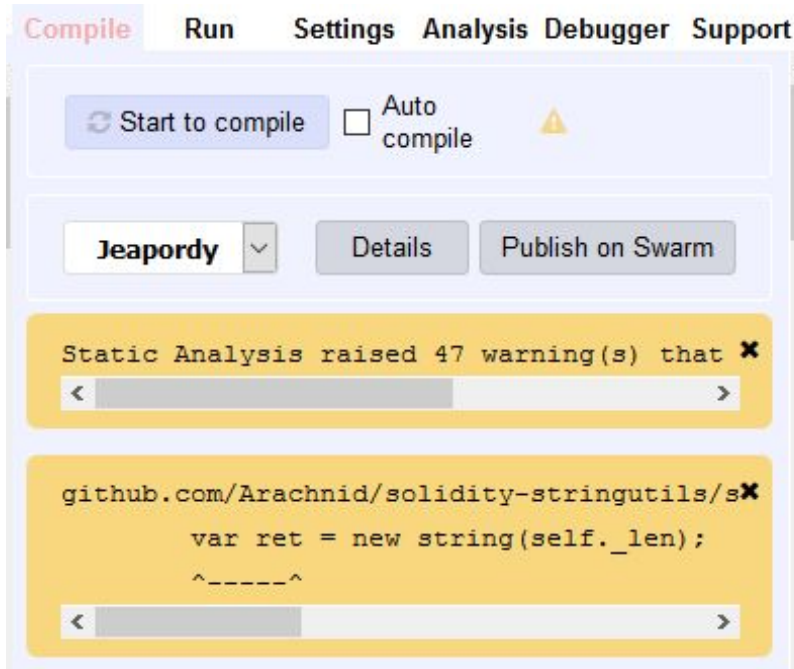


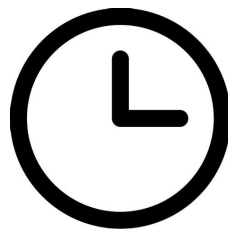
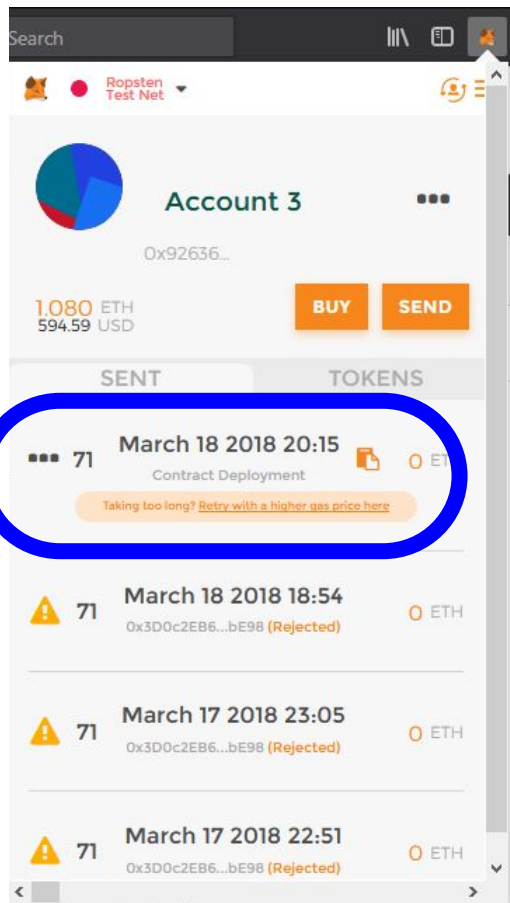
Your first smart (dumb) contract

Make sure you're on the correct network!

Compile

Deploy





TxHash: 0x aecfd e28ddc 39319c6678c0 844635a759712e4e2b 0a1e

TxReceipt Status: Success

Block Height: 2916501 (4 block confirmations)

TimeStamp: 37 secs ago (Mar-27-2018 03:27:00 AM +UTC)

From: 0x9 3613088b38bb 23ea71853747c18b38a

To: [Contract 0x4a619 325b4cd700b4d3b92 f242ebe2 8f3669 created]



Contract Overview



ETH Balance: 0 Ether

No Of Transactions: 1 txn

Misc



More Options

Contract Creator [0x9263613088b38b...](#) at txn [0x4e40e54b1bc094...](#)

Transactions

Contract Code

Latest 1 txn

TxHash	Block	Age	From		To	Value	[TxFee]
0x4e40e54b1bc094...	2862879	10 mins ago	0x9263613088b38b...	IN	Contract Creation	0 Ether	0.01356567

[\[Download CSV Export \]](#)

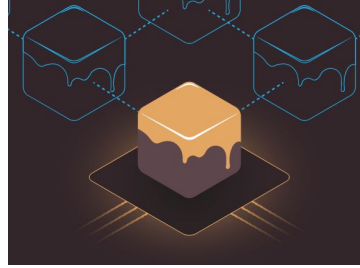


OneClickDapp.com/~block-reply-trivial

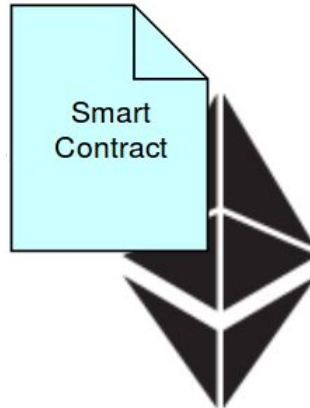


Front-end

truffleframework.com/ganache



Ganache - One Click Blockchain

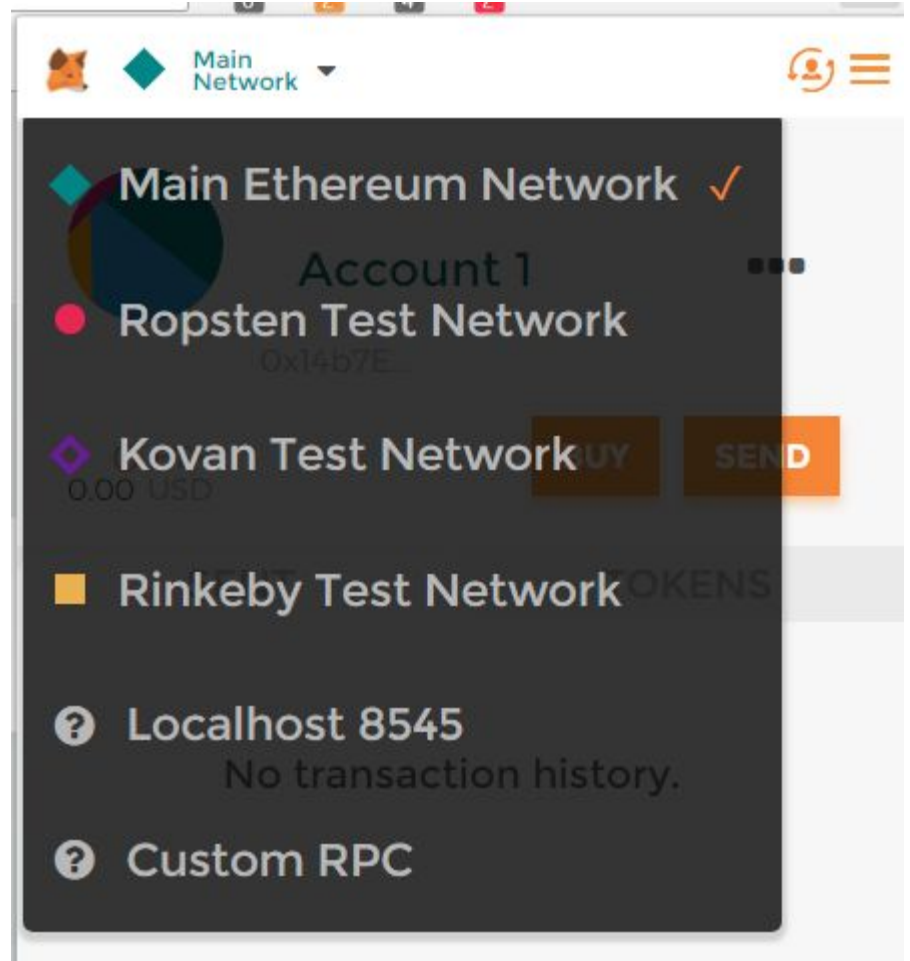


SWEET TOOLS FOR SMART CONTRACTS

The Truffle Suite gets developers from idea to dapp as comfortably as possible.



Point metamask to
localhost:7545





Ethereum
Application
Development



@Pi0neerPat



Wallets



Web3 Provider

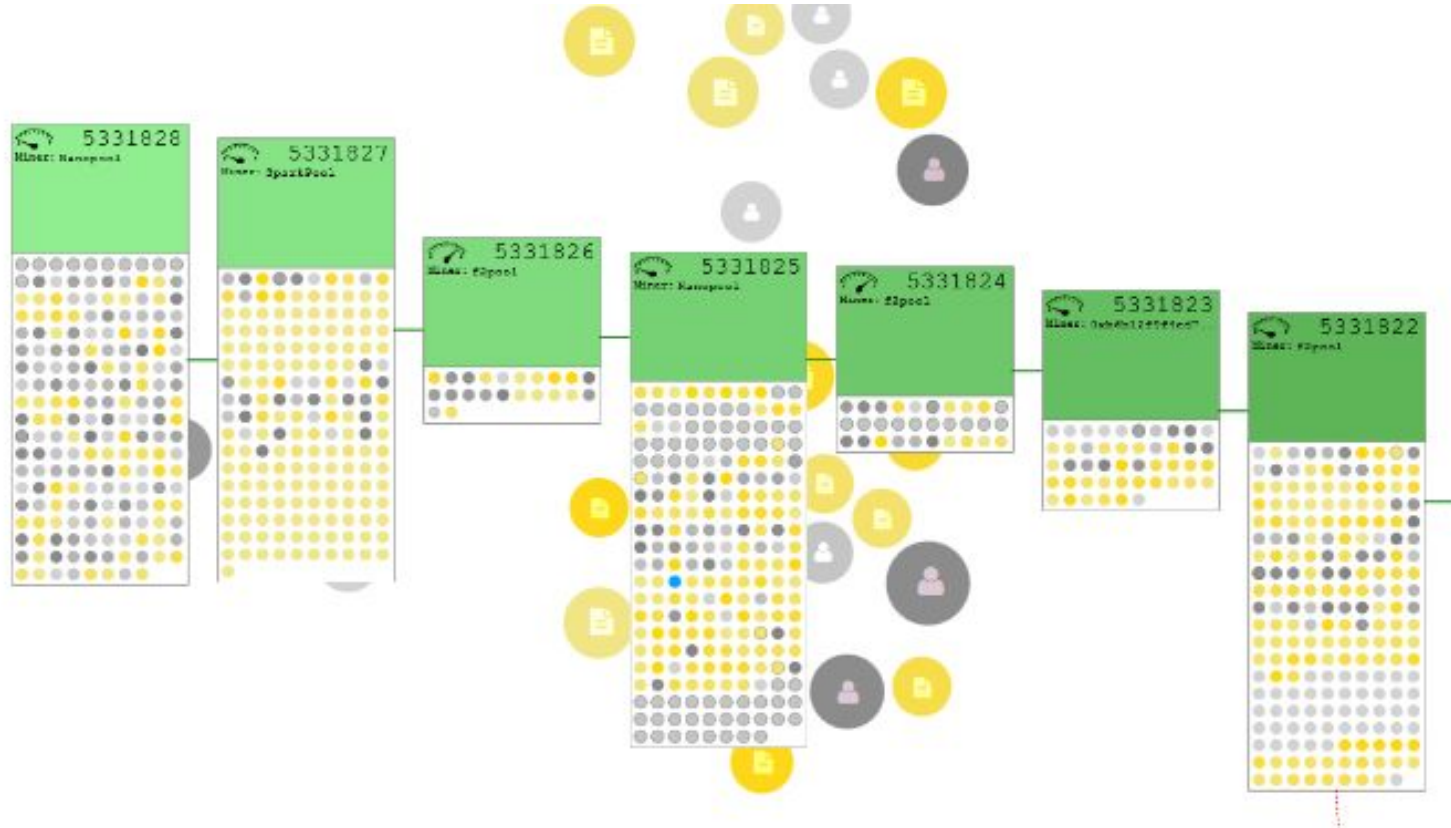


Front-end

Bonus materials

[github.com/blockchainbuddha/
Intro-to-Blockchain](https://github.com/blockchainbuddha/Intro-to-Blockchain)

<http://ethviewer.live/>





Categories

Search for Courses



Udemy for Business

Become an Instructor



Log In

Sign Up

Development > Web Development > Ethereum

Gift This Course



Ethereum and Solidity: The Complete Developer's Guide

Use Ethereum, Solidity, and Smart Contracts to build production-ready apps based on the blockchain

BEST SELLER



4.6 (5,733 ratings) 26,129 students enrolled

Created by Stephen Grider Last updated 9/2018

English English [Auto-generated], Japanese [Auto-generated], [2 more](#)



Preview this course

\$10.99 ~~\$94.99~~ 88% off

🕒 5 hours left at this price!



Ethereum
Application
Development



@PiØneerPat

