Alternative Cryptocurrencies a quick primer

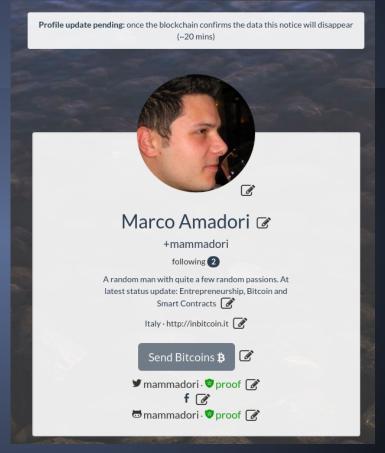
amadori@inbitcoin.it

Per numeros...
...ad astra

Who am I?

onename.com/mammadori

- polyglot programmer since tender age
- ☐ former IT consultant
- former devop (when it wasn't a buzzword yet)
- ✓ Open Source Developer (debian-live cofounder)
- ✓ Full Stack Software Engineer
- ✓ former FBK Technologist (web of data and Bitcoin technologies)
- ☐ inbitcoin.it CEO



Alternative Cryptocurrencies

...are them real money, like bitcoin?

Sort of:

- 99% Traded for bitcoins
- only Litecoin and few others are traded for fiat currencies
- registrationless trading



Alternative Cryptocurrencies

too long didnt read^Wfollow

tl;dr:

- weaker network security
- → weaker development
- weaker adoption
- dumped for bitcoins

Alternative Cryptocurrencies

too long didnt read^Wfollow

tl;dr:

- → weaker ne
- → weaker de
- → weaker ad
- dumped for bitcoins

Wait! there are still 20 minutes of talk! What are *Alts* good for?

"Market capitalization"

640 currencies would be enough for everyone ...

#	Name	Market Cap	Price	Available Supply	Volume (24h)
1	Bitcoin	\$ 3,421,949,381	\$ 241.03	14,197,075 BTC	\$ 11,510,300
3	Litecoin	\$ 71,763,278	\$ 1.83	39,312,004 LTC	\$ 1,700,160
7	O Dogecoin	\$ 14,264,708	\$ 0.000143	99,537,422,819 DOGE	\$ 244,757
2	• Ripple	\$ 217,244,587	\$ 0.006808	31,908,551,587 XRP *	\$ 145,321
4	b BitShares	\$ 15,673,532	\$ 0.006240	2,511,953,117 BTS *	\$ 121,664
16	BlackCoin	\$ 2,791,583	\$ 0.037265	74,911,457 BLK *	\$ 85,617

"Market cap" is

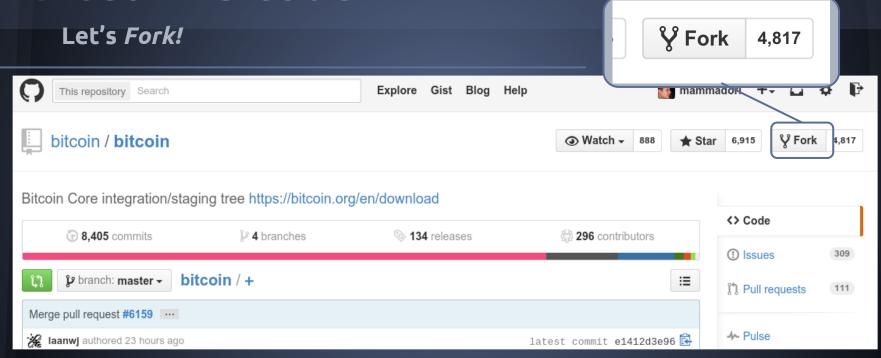
-> total coins times price.

Bitcoin has 50 times the marketcap of Litecoin, the 2nd most traded crypto.

Dogecoin was born from an Internet meme

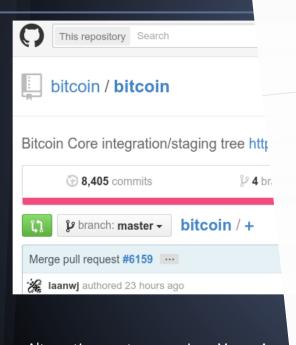
Ripple marketcap is misleading (most tokens are not distributed)

Bitcoin is code



Bitcoin is code

Let's <u>buy</u> a fork!



CoinCreator

ALTCOIN CREATION HAS NEVER BEEN EASIER

3937 CREATED COINS ALREADY

Brace yourselves. Premine is here! Get an instant premine of your coin

What do we offer?

from 0.075 BTC

17

4,817

309

111

Milano - May 27th, 2015

Altcoin as a "Forked" Bitcoin

Classical Altcoins code properties

	Bitcoin 🔋	Litecoin	Dash 🖅	Nxt S
block time	10 mins	2.5 mins	2.5 mins	90 secs
max total coins	21 M	84 M	~22 M	1 B (premined)
mining algorithm	SHA256	Scrypt	X11	Proof of Stake
price	200€	1.5 €	2.5 €	0.1 €
Estimated users	~ 1 M	15 K	5 K	4 K
Venture Capitals	~ 800 M\$	few M\$	few K\$	few K\$

Altcoins and Altchains...

"but the 2014's buzzword was "Appcoin"



Pegged altcoins

1\$ = 1 BitUSD = 1 Nubits = 1 Tether

Stable cryptos derived by inflating and deflating a "sister" derived crypto:

Bitshares ⇔ BitUSD Nushares ⇔ Nubits

Tether - Asset over the Bitcoin Blockchain, has a notary certified dollar for each tether.



Pegged altcoins

1\$ = 1 BitUSD = 1 Nubits = 1 Tether

Stable cryptos derived by inflating and deflating a "sister" derived crypto:

Bitshares ⇔ BitUSD Nushares ⇔ Nubits

Tether - Asset over the Bitcoin Blockchain, has a notary certified that dollar for each tether. Hey, this is something to do! Hey, this is something to do!

BitUSD is like Bitcoin, but with price stability and into Perfect for storing Bitcoins price volatility 🔂 tether The World's First Stable Digital Currency a digital age Global, fast, and secure

Turing complete blockchains

Smart contracts platform embedded in the chain

The Blockchain is not "really" a ledger, but a Distributed Database executing non-turing complete scripts ("programs without cycles").

Ethereum, **Bitshares**: altcoins with altchains

Counterparty: tokens over The

Blockchain



Those are still like Penny Stocks, be careful. I do not endorse them!





Turing complete blockchains?

Is embedding applications at ledger level a Good Idea?

... or is more like if
Windows 3.1 was embedded in Counterparty
the Internet Protocol
(TCP/IP) itself?



Need an Altcoin for?

do it on top of Bitcoin and leverage "The Blockchain"

Examples:	Solutions on top of the <u>Bitcoin layer</u> :
accepting 0 confirmation tx?	multisignatures 2/2 GreenAddress
scale to thousands tx/sec?	payment hub (lightning networks)
adding Trust ?	Open Access Protocol Nasdaq
enable (some) smart contracts?	Oraclize! Oraclize
change the inflation curve? add a group of wisemen choose how many coins "print" and destroy? embed pong in the ledger?	ok, for everything else you would need an Alt, we can help you at inbitcoin.it

Need an Altcoin for?

do it on top of Bitcoin and leverage "The Blockchain"

Examples:

Solutions on top of the Bitcoin layer:

Create your local social credit circuit like Sardex or Scec ?



Tokens over Open Access Protocol (OAP)

As above but must scale really big right now?

Wait for NASDAQ to fuel OAP2, they are probably already doing just that.

You really need a purpose specific blockchain and you cannot use The Blockchain?

Again, contact us, could be interesting.

Questions?

amadori@inbitcoin.it

Per numeris...
...ad astra