Alternative Cryptocurrencies

a quick primer

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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

Profile update pending: once the blockchain confirms the data this notice will disappear (~20 mins)

Marco Amadori
+mammadori
following 2

A random man with quite a few random passions. At latest status update: Entrepreneurship, Bitcoin and Smart Contracts

Italy · http://inbitcoin.it

Send Bitcoins ₿

🐦 mammadori · 🛡 proof
f
mammadori · 🛡 proof

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

source: coinmarketcap.com

Alternative Cryptocurrencies

too long didnt read^Wfollow

tl;dr:
➔   weaker network security
➔   weaker development
➔   weaker adoption
➔   dumped for bitcoins

source: coinmarketcap.com

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?

source: coinmarketcap.com

"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	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	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

much coin   wow
wow

Ripple marketcap is misleading (most tokens are not distributed)

source: coinmarketcap.com

Alternative cryptocurrencies – Marco Amadori <amadori@inbitcoin.it>

Bitcoin is *code*

Let's *Fork!*

Bitcoin is *code*

Let's *buy* 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

bitcoin / bitcoin

Bitcoin Core integration/staging tree http

8,405 commits   4 br

branch: master ▾   bitcoin / +

Merge pull request #6159 ⋯

laanwj authored 23 hours ago

Fork   4,817

309

111

What do we offer?

FreeCoin   FREE

YourCoin   from 0.075 BTC

Altcoin as a "Forked" Bitcoin

Classical Altcoins **code properties**

	Bitcoin	Litecoin	Dash	Nxt
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 Alt*chains*...

..but the 2014's buzzword was "Appcoin"

| | Bitcoin Blockchain (Strong) | non Bitcoin Blockchain (to be bootstrapped) | |

altchains

altcoins

non bitcoin value and assets

Counterparty
Mastercoin

Tether = 1$

Colored Coins OAP

Merged Mining,
Sidechains

namecoin

Nasdaq

Most of the over 500 copycats and "scamcoins" are here

bitcoin as value (currency)

Nanopayment channels

Lightning Networks

Payment Hubs

Two way
Pegged Sidechains

TWO WAY PEGGED ALTCOIN
(*SIDECHAIN*)

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

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

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

Hey, this is something that banks know how to do!

BitUSD is like Bitcoin, but with price stability and inte...
Perfect for storing
Bitcoins price volatility

tether BETA

The World's First Stable Digital Currency
Decentralized. Free. Secure.
Introducing NuBits.

...of 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!

Counterparty

ethereum

A platform for decentralized applications

bitshares™

Turing complete blockchains?

Is embedding *applications*
at ledger level *a Good Idea?*

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

Counterparty

bitshares™

Need an Altcoin for?

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

Examples:

accepting 0 confirmation tx?

scale to thousands tx/sec?

adding Trust ?

enable (some) smart contracts?

change the inflation curve?
add a group of wisemen choose how
many coins "print" and destroy?
embed pong in the ledger ?

Solutions **on top** of the Bitcoin layer:

multisignatures 2/2

payment hub (lightning networks)

Open Access Protocol

Oraclize!

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"

<u>Examples:</u>

Solutions **on top** of the <u>Bitcoin layer</u>:

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