To Position The Netherlands As a Leading Country in Blockchain Innovation

To Educate and Raise Awareness of the Broad Applications of the Technology
Design Patterns

Reusable Solutions to Common Problems
December 2017

Value of Currency In Circulation (USD Billions)

January 2018: 238 Billion
Bitcoin Wednesday

The digital currency revolution

BitcoinWednesday.com

Meetup.com/BitcoinWednesday

Richard@BitcoinWednesday.com

Next Event: 7 February
Genesis July 2013 - Every 1st Wednesday

7 February 2018 - 56th Edition

More Than 250 Speakers

From More Than 100 Cities

4000 Attendees

5100 Members
Financial Highlights

Augur: $4 million
Bancor: $153 million
Cosmos: $17 million in 8 minutes
Ethereum: $18 million
Factom: $1.1 million
Gnosis: $12 million in 10 minutes
Internet of Coins: $3 million
Spells of Genesis: $200,000
LAToken: $18 million
$3.7 Billion Raised

ICO's by Category 2017

$5 Billion: Bitcoin Cash
# The Simple Answers

To the Questions That Get Asked About Every New Technology:

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>WILL ____ MAKE US ALL GENIUSES?</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>WILL ____ MAKE US ALL MORONS?</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>WILL ____ DESTROY WHOLE INDUSTRIES?</td>
<td><strong>YES</strong></td>
</tr>
<tr>
<td>WILL ____ MAKE US MORE EMPATHETIC?</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>WILL ____ MAKE US LESS CARING?</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>WILL TEENS USE ____ FOR SEX?</td>
<td><strong>YES</strong></td>
</tr>
<tr>
<td>WERE THEY GOING TO HAVE SEX ANYWAY?</td>
<td><strong>YES</strong></td>
</tr>
<tr>
<td>WILL ____ DESTROY MUSIC?</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>WILL ____ DESTROY ART?</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>BUT CAN'T WE GO BACK TO A TIME WHEN-</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>WILL ____ BRING ABOUT WORLD PEACE?</td>
<td><strong>NO</strong></td>
</tr>
<tr>
<td>WILL ____ CAUSE WIDESPREAD ALIENATION BY CREATING A WORLD OF EMPTY</td>
<td><strong>WE WERE</strong></td>
</tr>
<tr>
<td>EXPERIENCES?</td>
<td><strong>ALREADY ALIENATED</strong></td>
</tr>
</tbody>
</table>
**Bitcoin Wednesday**

- Benefit
- Consistency
- Familiarity
- Fairness
- Skill

- Immutability
- Transparency
- Efficiency (Low Cost)
- Security
- Time-stamping
- Predictability
- Verification
Public Key Cryptography, 1976
Crypto Wars
DigiCash, 1990
PGP – Phil Zimmerman, 1991
Clinton’s Clipper Chip
Privacy, Anti-surveillance, Anti-Censorship
Citizen’s United: 2009 - 2010
Occupy: 2011
BITCOIN WEDNESDAY

THE DIGITAL CURRENCY REVOLUTION

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The Digital Currency Revolution

BitcoinWednesday.com
Bitcoin: A Peer-to-Peer Electronic Cash System

Satoshi Nakamoto
satoshin@gmx.com
www.bitcoin.org

Abstract. A purely peer-to-peer version of electronic cash would allow online payments to be sent directly from one party to another without going through a financial institution. Digital signatures provide part of the solution, but the main benefits are lost if a trusted third party is still required to prevent double-spending. We propose a solution to the double-spending problem using a peer-to-peer network. The network timestamps transactions by hashing them into an ongoing chain of hash-based proof-of-work, forming a record that cannot be changed without redoing the proof-of-work. The longest chain not only serves as proof of the sequence of events witnessed, but proof that it came from the largest pool of CPU power. As long as a majority of CPU power is controlled by nodes that are not cooperating to attack the network, they'll generate the longest chain and outpace attackers. The network itself requires minimal structure. Messages are broadcast on a best effort basis, and nodes can leave and rejoin the network at will, accepting the longest branch, even if what happened while they were gone.
THE FREE-MARKETEERS!

ONE FOR ME!
TWO FOR ME!
ALL FOR US, AND NONE FOR YOU!
Elinor Ostrom: 2009 Nobel

8 Design Principles for Economic Governance

Common Resources are better managed by those who use them than by governments or private companies.
1. Clearly defined user boundaries
2. Rules aligned with local needs
3. Users affected by rules participate in governance
4. Community members monitor each other's behavior
5. Sanctions
6. Conflict Resolution
7. Self-Determination
8. Organized in Layers
Tokenized Common Resource

If likes on FB were limited we would value them more.

Decentralized

Community Consensus
Wisdom of the Crowd

Self-Determination & Self-Governance

Individual Accountability
A point of view can be a dangerous luxury when substituted for insight and understanding.
“One can use axes to hew wood or to cut heads. The choice does not belong to axes but to those who hold them. Whatever the holders’ choices, the axes won’t mind. And however sharp the edges which it may be currently cutting, technology would not “advance democracy and human rights” for (and instead of) you.”

Zygmunt Bauman, 2012
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