WKO Unternehmensberatung · Buchhaltung · IT STEIERMARK

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Das Internet der Werte – Blockchain Technologie & Kryptowährungen als Basis einer neuen Wirtschaft

Start: 07.11.2016

Live Event @ WKO Steiermark

BlockchainHub

BlockchainHub Graz ■ Thomas Zeinzinger & Max Tertinegg ■ 1. März 2017

Lili

BlockchainHub

Blockchain Basics | Blockchain in Depth | Local Hubs

Thomas Zeinzinger

Max Tertinegg

NEWS

Meetup – BlockchainHub Graz

Startseite | Mitglieder | Sponsoren | Fotos | Seiten | Diskussionen | Mehr | Gruppenverwaltung | Mein Profil

BlockchainHub

Foto bearbeiten

Mitglieder

Mein Profil | Updates aktualisieren

Mitgliederliste herunterladen

Alle Mitglieder (159) | Organisationsteam (4) | Ausgeschlossene (0)

Das Internet

Aktuell verwenden wir das Internet um Information auszutauschen.

In der Zukunft wird ebenfalls der damit verbundene Werttransfer möglich.

Internet der Informationen

verändert sich zum

Internet der Werte

(ohne Mittelsmänner)

Das Internet der Werte

Workshops

Bitcoin im Alltag für Privat und Geschäftstreibende

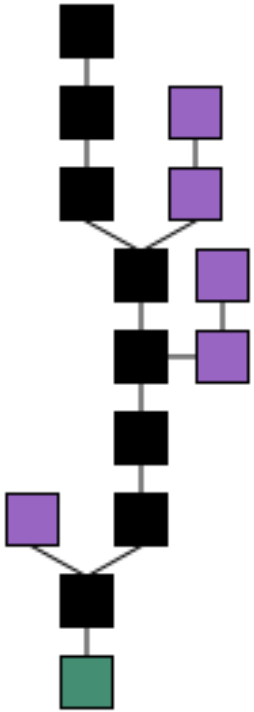
Max Tertinegg

Vollautomatische Geschäftsprozesse mit Smart Contracts

Thomas Zeinzinger

Blockchain Technologie
Mensch – Maschine - Vernetzung

Was is eine Blockchain?



Wikipedia, CC-BY-3.0

Eine Blockchain ist ein gemeinsames Hauptbuch dem jeder vertrauen kann und das dauerhaft unveränderbar ist.

A Blockchain is a permanent storage of value-transactions and data among it‘s many participants, maintained by a distributed computer network and automatic consensus on the truth.

Was sind Smart Contracts?

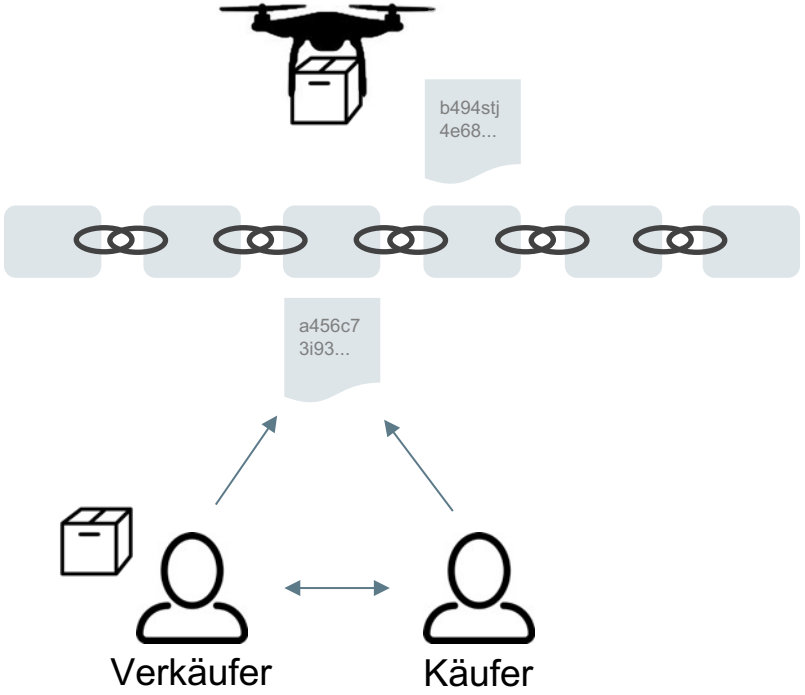
Smart Contracts sind eine:

- programmierte Logik,
- die in einer Blockchain verteilt gespeichert werden,
- von einem Computernetzwerk ausgeführt werden
- und zu Aktualisierungen in der Blockchain führen.

Während Blockchains uns einen verteilten, vertrauenswürdigen *Speicher* gebracht haben, haben Smart Contracts uns zusätzlich verteilte, vertrauenswürdige *Berechnungen* beschert.

Source: https://bitsonblocks.net/2016/02/01/a-gentle-introduction-to-smart-contracts/

Paketlieferung mit Dronen



Blockchain
(Use Cases)
Source: GrowthPraxis
Proof of ownership and a marketplace for sales and purchase of digital assets
Company: MyPowers
Enables authenticity of a review through trustworthy endorsements for employee peer review
Company: TRST.im
Decentralized prediction platform for the share markets, politics etc
Company: Augur
Decentralized patient records management
Company – BitHealth (Healthcare IT)
Proof of ownership for digital content
Arts, pictures and images
Companies: Blockai, Bitproof, ascribe, Artplus
Other companies: Chainy.Link, Stampery
Digitizing assets: Improves anti-counterfeit measures
Consumer electronics, Automotive
Companies: The Real McCoy, ChainLink
Other companies: Everpass, BlockVerify
Degree Verification
Company: Degree Of Trust
Provides digital identity that protects consumer privacy
Internet, car locks: Onename
Customer identification: Trustatom
Elections Voting: Follow My Vote
Enables authenticity of a review
Helps users engage, share reputation and collect feedback
Company: The World Table
Through trustworthy endorsements
Company: Asimov
Decentralized internet and computing resources to every home and business
Company: ePlug
Digitizing company incorporations, transfer of equity/ownership and governance
Company: Otonomos
Proof of ownership of modules in app development
Company: Assembly
Proof of ownership for digital content storage and delivery
Companies: Blocktech (Alexandria), Bisantyum, Blockparti, The Rudimental, BlockCDN
Points based value transfer for ride sharing
Company – La'Zooz
Digital security trading: ownership and transfer
Companies: Symbiont, Mirror, Spritzle, Secure Assets, BitShares, Coins-e, equityBits, DXMarkets, MUNA
Digitization of documents/contracts and proof of ownership for transfers
Company: Colu (Colored Coins)
Decentralized storage using a network of computers on blockchain
Company: Storj
Decentralized IoT
Home automation: Chimera-inc.io
Industries: Filament
Provides digital identity that protects consumer privacy
Companies: Sho Card, Uniquid
Escrow/Custodian service
Gaming industry
Companies: PlayCoin, Bitnplay
Gaming industry and loan servicing
Company: New System Technologies
E-commerce
Company: Fundrs.org
A smart contract IT portal executing order fulfilment in ecommerce/manufacturing
Company: UbiMS

Beispiel 1

Blockchain bei der Energiewende

- Stark schwankende Produktion
- Probleme im Niederspannungsnetz
- Leistung vorhalten vs. Strom speichern
- Cybersecurity
- E-Autorevolution
- Deregulierung

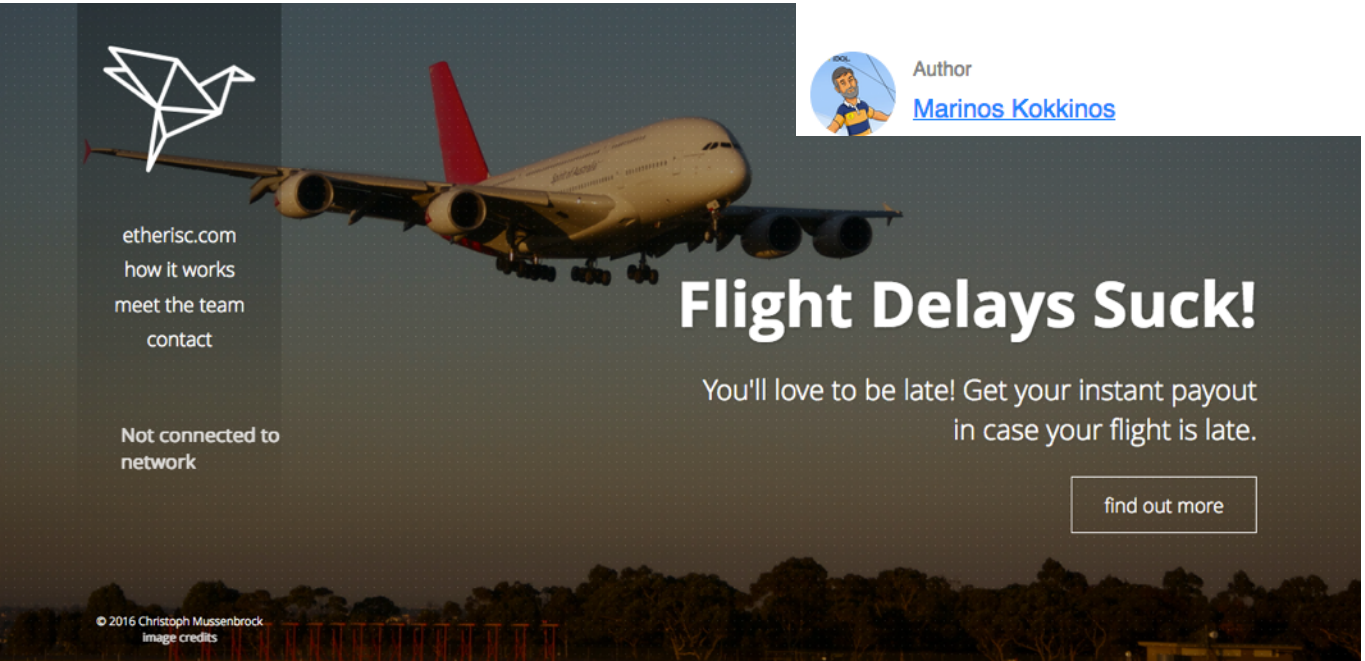
Beispiel 2

Blockchain - Versicherung

Etherisc Smart Contracts for Disrupting Parametric Insurance

Author
Marinos Kokkinos

Dec 30, 2016 at 12:23



Beispiel 3

Blockchain beim Grundbuch

Sweden's Blockchain Land Registry to Begin Testing in March

Pete Rizzo (@pete_rizzo_) | Published on January 10, 2017 at 14:30 GMT

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Source: http://www.coindesk.com/swedens-blockchain-land-registry-begin-testing-march/

Beispiel 4

Blockchain im Gesundheitswesen

Source: https://www.cryptocoinsnews.com/healthcare-blockchain-consortium-hashed-health-raises-1-85-million/

NEWS

Regulation Activities

Will New Regulations Help or Hurt Bitcoin Startups in the Philippines?

Luis Buenaventura (@helloluis) | Published on February 15, 2017 at 12:00 GMT

Arizona Bill Would Make Blockchain Smart Contracts 'Legal'

Stan Higgins (@mpmcsweeney) | Published on February 7, 2017 at 20:00 GMT

EU Lawmakers Propose to Ban Geo-Blocking of Digital Currency Users

Garrett Keirns (@garrettkeirns) | Published on February 20, 2017 at 10:00 GMT

> *"The Commission should assess whether to provide the legal framework that allows, subject to the freedom of contract principle, the protection of undertakings and consumers when the transaction is carried through alternative modes of payment, including virtual currencies, other blockchain type transactions and ewallets."*

EU Commission: We Plan to Boost Support for Blockchain Projects

Stan Higgins (@mpmcsweeney) | Published on February 15, 2017 at 15:00 GMT

Demo – Blockchain Technologie

Thomas
Schwarzl

MakerSpace
Materialisiere Deine Idee!

Dietmar
Hofer

BlockchainHub

Danke für die Aufmerksamkeit

blockchainhub.net/graz

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thomas zeinzinger