



neuroware

ENABLING INNOVATION IN DECENTRALIZATION

BLOCKCHAINS - THE FASTEST GROWING TECH OF OUR LIFETIME

As of January 2016, more than 60 banks and leading financial institutions started working on blockchain projects - the eco-system has received over US\$1 billion in funding



WHY THE FUSS? WHAT ARE THE BENEFITS OF BLOCKCHAINS?

- They provide an immutable tamper-proof audit-trail of the truth
- Data can be easily shared and independently verified by third-parties
- Vastly increased security that is much less vulnerable to attack or outage
- Programmable contracts that can radically reduce human errors and costs



“While FinTech Disrupts Banks,
the Blockchains Disrupt FinTech”

WE ARE A TECH-STARTUP FOUNDED BY TECHNOLOGISTS



Mark Smalley - CEO

Mark's been building distributed applications on the blockchains for over 4 years now. Before that, he used to build web-applications and helped to organize and present at several prominent technology groups and conferences. He was the first qualified MongoDB Master in Southeast Asia, where he won an award for his open-source NoSQL Content Management System.



Ruben Tan - CTO

Ruben is one of Malaysia's leading NodeJS developers, founding member of the Malaysian JS User-Group, and regular contributor to many open-source projects and communities; having explored distributed consensus technologies and NoSQL data relationships with previous projects such as MyTeksi and OnApp - he has spent a decade mentoring startups and businesses worldwide.

WITH THE HELP OF EXPERIENCED EXISTING INVESTORS

500startups

Neuroware was the first Malaysian based team to attend the illustrious 500 Startups accelerator in Mountain View, where we received our initial pre-seed investment of RM400K

coinsilium

Coinsilium are the world's first blockchain investment company to IPO on a stock market (with COIN on their ticker), investing RM250K into an extension of our pre-seed round

AND WE HAVE A TRUSTED TEAM OF VESTED-ADVISORS



Colin Charles

MariaDB Founder



Adam Giles

Ex Standard Chartered



Hanson Goh

Axiata / Ex Google



David Barton Grimley

Sapient Nitro



Johnny Mayo

Forbes 30 Under 30



Wu Han Ngeow

Maxis



Gabey Goh

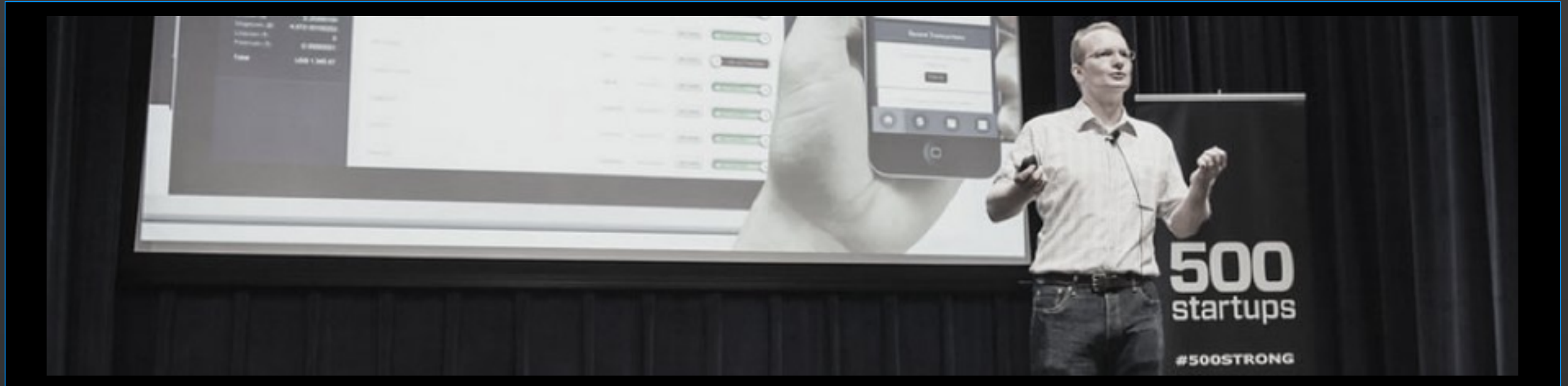
Campaign Asia-Pacific



Gareth Davies

Mindvalley

WE ARE EXPERIENCED INNOVATORS IN AN EARLY ECOSYSTEM



- 🕒 **1st Malaysian Company** to Graduate from 500 Startups in Silicon Valley
- 🕒 **1st Company in Asia** Providing Public Blockchain APIs & Developer Toolkits
- 🕒 **1st in The World** to Develop Non-Financial Blockchain Agnostic Protocols
- 🕒 Helped Organize World's 1st Bank-Backed Blockchain Hackathon (DBS)
- 🕒 Over 15 Years of Collective Blockchain Development Experience

WE'VE SPENT TWO YEARS DEVELOPING OUR BASE PROTOCOLS

EVERSTORE

DISTRIBUTED STRUCTURED DATA

By using a combination of Hierarchal Key Generation and standardized OP_Return methodology, we are able to store an almost unlimited amount of structured data on any blockchains or ledgers that support OP_Returns or an equivalent API accessible arbitrary data-storage field within their HD-compatible transaction streams.

blockauth

DECENTRALIZED ID AND AUTHENTICATION

By introducing Hierarchal roles and privileges using a similar methodology to Everstore, BlockAuth is able to verify and transmit secure messages and independent authorization to and from other BlockAuth enabled individuals and services. Store avatars and social media profiles to remove the need for repetitive form filling & choose who gets what.

dnkey

KEY LOGISTICS & BROADCASTING


DNKey not only enables basic key-aliasing, which allows other systems, services and users to replace long complicated public keys with memorable domain based identities, which in-turn allows for easier key sharing, it can also enable revocation abstraction layers - but also provides advanced methods for generating vast amounts of secure deterministic key-pairs.

EVERSTORE IS THE WORLD'S FIRST BLOCKCHAIN DATABASE

- Create, Read, Update and Delete Structured Data on Any Blockchain
- Supporting 20 field types (strings, numbers, geo-objects, images and more)
- Support for Indexes, Relationships and internal Look-Ups and Selects
- Tamper proof audit trail of every addition, edit, update or deletion of data
- Ability to incorporate multi-signature technology for programmable escrow
- Easily share public information and independently verify authenticity
- Allow specific tables, records or fields to be accessed by different entities



USE EVERSTORE TO **LOGIN** TO ANY BLOCKCHAIN USING HTML5

 **CORTEX**

LOG-IN TO ANY CORTEX INSTANCE BELOW
KEYS STORED LOCALLY WHILST LOGGED IN

LOGIN TO ANY CORTEX INSTANCE

-- Select Blockchain --


-- Select API --

SETUP

LOGIN


Cortex is maintained by [Neuroware](#)


WITH CORTEX AS A SERVERLESS INTERFACE FOR BLOCKCHAINS


 **CORTEX**


dashboard add domain add user add database add api key help


credits : 11.00000000 flush logout


 DASHBOARD


 DOMAINS


 USERS

 DATABASES

 API

 EXPLORER


 WALLET

 SETTINGS

You are currently logged-in with your private key!
Please remember to logout when you are done editing in order to remove the private key from localStorage.

YOUR PROFILE


[EDIT](#)




Name	Mark Smalley
Title	Co-Founder & CEO
Company	Neuroware

RECENT ACTIVITY


[MORE](#)




Updated DNKey on [mark.neuroware.io](#)
12 seconds ago by [Mark Smalley](#)




Added new user [johnny.neuroware.io](#)
1 minute ago by [Mark Smalley](#)




New Everstore db at [team.neuroware.io](#)
3 minutes ago by [Mark Smalley](#)




New wallet for [mark.neuroware.io](#)
1 hour ago by [Mark Smalley](#)



Added new user [johnny.neuroware.io](#)
2 days ago by [Mark Smalley](#)



New Everstore db at [team.neuroware.io](#)
3 weeks ago by [Mark Smalley](#)




New DNKey on [keys.neuroware.io](#)
3 month ago by [Mark Smalley](#)


CURRENT USAGE


[REPORTS](#)


Domains	3 / 10
Sub-Domains	64 / 100
User Accounts	5 / 10
Databases	72 / 100
Active Modules	2 / 7
Active Protocols	3 / 8


CREATE AND MANAGE MULTIPLE BLOCKCHAIN DATABASES


CORTEX


DASHBOARD


DOMAINS


USERS

DATABASES

API

EXPLORER

WALLET

SETTINGS

databasesnew databaseimport databasepublic data directoryhelp

credits : 11.00000000flushlogout

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sort byMost Recentsearch databases

af1850ac00bc1c42ef6bddc9c2fdaa0ab86e339d41786710acfbcf8c3cdf6097OPEN

Key	Value
Index: ID [md5]	80c374f4d331e84b9618b8b68c4750ec
Name [string]	Cortex v0.0.1
URL [url]	http://localhost/neuroware/everstore/

2f9805d2f32853b9e47785225261d37f074d666fcc0f0c94c54cb9995fa4161fOPEN

Key	Value
Index: ID [md5]	abd05c4ec8bf854d52292cffcde34e75
Name [string]	ATA-Plus v0.0.1
URL [url]	http://localhost/neuroware/everstore/?skin=ata&logout=true


ADD NEW RECORD

ID

Name

URL

COMMIT

neuroware

SLIDE # 12

EASILY CUSTOMISED THROUGH MODULAR THEMES AND PLUGINS

ataplus

Dogecoin (Testnet) Blockchain / ATA-Plus V0.0.1 / Datastores / Investments

Credits: 254.00000000 **FLUSH** **LOGOUT**

COMMITTS

DATASTORES

ISSUERS

COMPANIES

INVESTORS

INVESTMENTS

SECTORS

ADD NEW

SCHEMA

DOCUMENTATION

6 Months Sitewide Total Investments

Month	RM Invested (Millions)
January	0.4
March	0.34
March	0.3
April	0.5
May	0.7
June	0.7

ADD NEW RECORD

74c87dfa57a94dc86666209cd87a01b5

Date of Investment

Select Investor

Select Company

RM Invested

Equity Given

COMMIT


sort by **Most Recent** search investments


f2583c4bbbc1d7f70fe776ef8de24e3e9131884de2be5ed3365fe72e53fa2177 **EDIT** **DELETE** **SCHEMA**


Key	Value
Index: Investment ID [auto]	bf28617205e695439c0dd2285a76d7c1


powered by neuroware


CORTEX ALSO INCLUDES AN OPTIONAL API & DOCUMENTATION


CORTEX


DASHBOARD


DOMAINS


USERS

DATABASES

API

EXPLORER

WALLET

SETTINGS

api docsconsole

credits : 11.00000000flushlogout

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CortexJS

Raw API Requests

Everstore API

BlockAuth API

Search

SEARCH

api.blocks.latest(<chain>, <count>, <callback>)

This function calls upon `spinal.neuroware.io/<chain>/blocks/latest/<count>`

The `count` variable defines how many of the latest blocks to return.

The `callback` function is called upon completing the AJAX request.

```
api.blocks.latest('btc', 5, function(blocks) {
  console.log(blocks);
});
```

api.blocks.get(<chain>, <ids>, <callback>)


This function calls upon `spinal.neuroware.io/<chain>/block/id/<ids>`


The `ids` variable defines which blocks to return and can be a string or an array.


The `callback` function is called upon completing the AJAX request.


```
var block_ids = ['block_heights', 'and_block_hashes'];
api.blocks.get('btc', block_ids, function(blocks) {
  console.log(blocks);
});
```



AS WELL AS A IT'S OWN BLOCK-EXPLORER


CORTEX


DASHBOARD


DOMAINS


USERS

DATABASES

API

EXPLORER

WALLET

SETTINGS

explorerhelp

credits : 11.00000000flushlogout

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blockstransactionsaddressesmarketsgraphs

SearchSEARCH

latest blocksSEE ALL BLOCKS

Height	Age	Transactions	Size (KB)
403,716	12 seconds ago	783	399,714
403,716	12 seconds ago	783	399,714
403,716	12 seconds ago	783	399,714
403,716	12 seconds ago	783	399,714
403,716	12 seconds ago	783	399,714

latest transactionsSEE ALL TRANSACTIONS

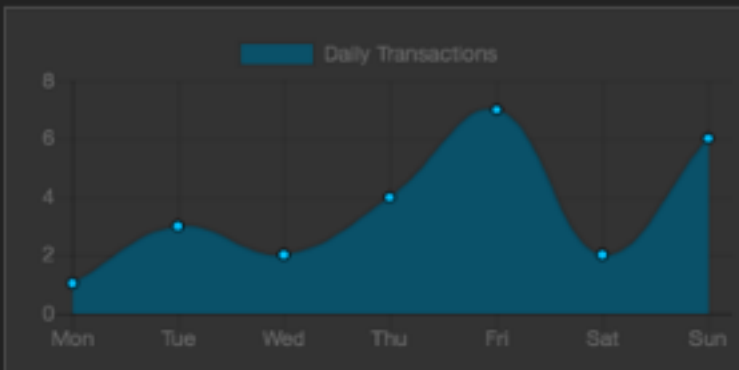
Hash	Inputs	Outputs	BTC Value
30e34f2ba622b31ffa93b87f0f3d60208d8ce81033b797972b564b6aa9a5945b	7	2	0.000343518
30e34f2ba622b31ffa93b87f0f3d60208d8ce81033b797972b564b6aa9a5945b	7	2	0.000343518
30e34f2ba622b31ffa93b87f0f3d60208d8ce81033b797972b564b6aa9a5945b	7	2	0.000343518

currency calculatorUS Dollar


BTC=US\$


market conditionsJSON FEED


Daily TransactionsLast 7 Days





WITH GRAPH QUERIES FOR ADVANCED ANALYTICS AND TRACING


CORTEX


DASHBOARD


DOMAINS


USERS

DATABASES

API

EXPLORER

WALLET

SETTINGS

explorerhelp

credits : 11.00000000flushlogout

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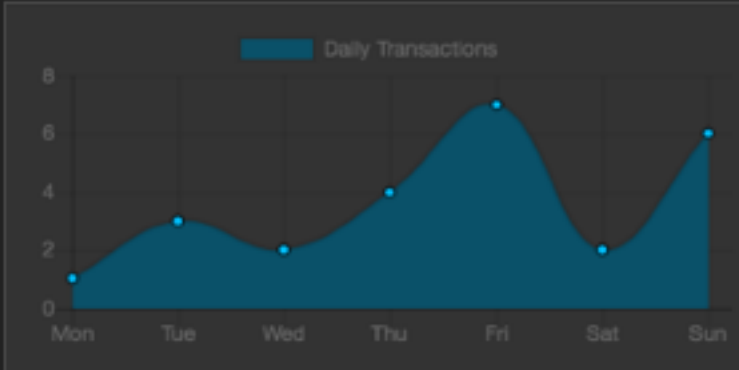
blockstransactionsaddressesmarketsgraphs

Search

SEARCH

Daily Transactions

Last 7 Days



Day	Daily Transactions
Mon	1
Tue	3
Wed	2
Thu	4
Fri	7
Sat	2
Sun	6

currency calculator


US Dollar

BTC=US\$


market conditions


JSON FEED


Statistic	Value
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NOT TO MENTION INTEGRATED MULTI-CURRENCY WALLETS


CORTEX


DASHBOARD


DOMAINS


USERS

DATABASES

API

EXPLORER

WALLET

SETTINGS

dashboardadd domainadd useradd databaseadd api keyhelp

credits : 10.00000000flushlogout

You are currently logged-in with your private key!
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DASHBOARDACCOUNTSCONTACTSENDHELP

Search your wallet


Recent Transactions

1.066 Bitcoin (Testnet) to My First Wallet	21 DAYS AGO
0.01066 Bitcoin (Testnet) from My First Wallet	22 DAYS AGO
0.001 Bitcoin from My First Wallet	22 DAYS AGO
0.1066 Bitcoin (Testnet) to My First Wallet	22 DAYS AGO
0.01 Bitcoin to My First Wallet	22 DAYS AGO
14 Dogecoin to My First Wallet	22 DAYS AGO
2 Dogecoin from My First Wallet	22 DAYS AGO

BTC > USD - Market Conditions


REFRESH


US\$ 677.06 BTC to USD	218,458 Daily TXs
1.4 Billion Daily US\$ Sent	2,056,343.22 Daily BTC Sent
15.7 Million BTC Discovered	10.7 Billion Market Cap US\$


neuroware


SLIDE # 17


WITH THE ABILITY TO CREATE YOUR OWN CUSTOM CURRENCIES


CORTEX


DASHBOARD


DOMAINS


USERS

DATABASES

API

EXPLORER

WALLET

SETTINGS

walletnew walletimport wallethelp

credits : 11,000,000,000flushlogout

DASHBOARDACCOUNTSCONTACTSENDHELPTOKENS




Search your wallet

Your Tokens & Contracts





These are your Ethereum based token contracts and public account credentials.

CREATE TOKENSWATCH TOKENSCREATE ACCOUNT

Track existing custom tokens, create and manage token accounts - and even generate new custom token eco-systems from scratch.

Token Name	Contract Address	Decimals	Symbol	Total Supply	Actions
Neuroware Sdn Bhd	0x4AE75feE889d57d3229817565032bf428CB9b673	2	%	100.00 %	  

10 records per pageShowing 1 to 1 of 1 entriesPrevious1Next

Account Name	Address	Tokens	TXs	Balances	Actions
My First Wallet	7c7eb521767063e5f73059dbdf06a77b87318bec	Ethereum	1	1.066 ETH	   
		Neuroware Sdn Bhd	0	0.01 %	

10 records per pageShowing 1 to 1 of 1 entriesPrevious1Next

WE'VE BEEN WORKING WITH AND TRAINING LEADING BRANDS





neuroware

BUILDING THE FUTURE TOGETHER

<http://neuroware.io>