



Volume - 0.3

BitShares Community Newsletter  
**THE NULLSTREET JOURNAL**



## THE NULLSTREET JOURNAL

Welcome back! This month we are bursting at the seams with BitShares projects, updates, reports, announcements, initiatives, proposals, and editorial reflections. We encourage you to take your time, soak it up, and reflect on the grand effort now underway by this amazing group of dedicated professionals. If you like what you see, don't forget to cast your votes from within your BitShares client!

The arrival of spring in the northern hemisphere always carries a powerful surge of human creativity, and it is amazing to see so many BitShares community members committed to riding this wave towards new heights of personal and collective achievement. As the flowers of these efforts begin to bloom, and we start to sense the alluring essences of freedom and liberty wafting through the breeze, perhaps we might take a moment to thank those who have worked so hard to bring these possibilities into focus, and consider how our own contributions have aided in their efforts. I find it helpful, on occasion, to remind myself that while freedom can sometimes be bestowed, *liberty must always be earned*.

Although there is still much work to do, Cass and I hope that this journal will inspire you to forge ahead with a renewed sense of enthusiasm. The world has not yet seen what amazing feats we shall one day accomplish with BitShares, if we continue to push the limits of our creative talents. On April 15th in the United States, we collectively take part in an annual ritual that Dr. Benjamin Franklin listed as one of "only two certainties in this world". In this season of breakthroughs, it might uplift us to ponder the possibility that for the first time in history, we actually have a realistic chance of shortening that list!

Michael Paul Maloney

@CryptoPrometheus



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# Software Development Updates

Here's the latest updates on the core protocol, web and lightweight wallets, and independent projects building on the BitShares platform :

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## BitShares Blocks & Client GUI Improvements

Delegate: [dev.bitsharesblocks](https://dev.bitsharesblocks.com)

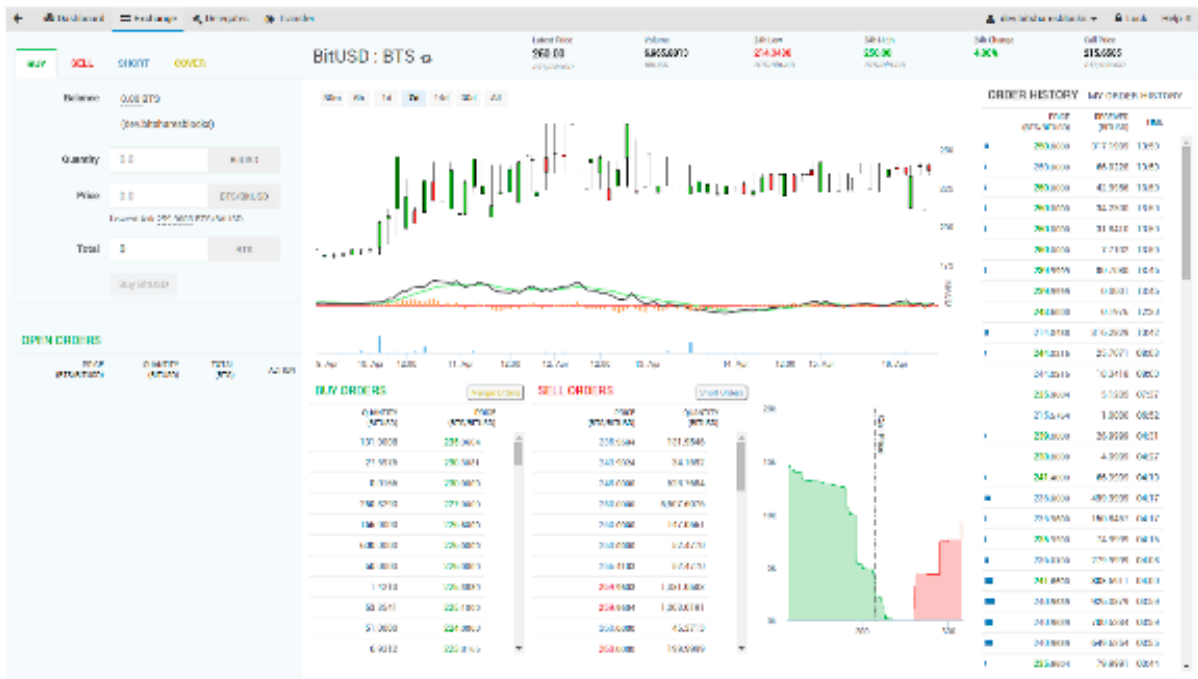
BY: Sigve Kvalsvik (@svk)

Since my last update, I have devoted quite a lot of time to improving the exchange portion of the BitShares client. Those changes have only recently been merged to the development and will be included in the next release of DevShares and then finally in the 0.9.0 release of BitShares.

My main goal was to simplify the exchange experience and make more information available while at the same time cleaning up the interface. I started a thread on the forum to discuss my changes and collect feedback as I went along, and I'm very grateful for all the great ideas and help I received there. While this new version may not be perfect and I was not able to implement everything that was talked about in that thread, I hope you will appreciate it. Some of the major features you will notice once it's live are:

- Low, High, Change, Volume and Latest price indicators at the top
- A bigger price history plot with an improved tooltip
- A MACD plot
- 1 year's worth of price history available in the plot
- Combined order book with shorts and covers integrated
- Color-coding of orders
- Full-height order history
- Combined open-orders table

**Here's a picture:**



Also, I haven't been neglecting BitSharesblocks; I've fixed some bugs related to asset updates and connection limits that should make the site more reliable. I've also merged covers into the buy order book table and ported the color-coding from the wallet to BitSharesblocks for a more coherent experience. I've also made some improvements to the way the site loads javascript and some other SEO optimizations that will hopefully give the site a better online presence, and make the site load even faster.

Finally I've also launched play.bitsharesblocks.com where you can check out the current status of DAC PLAY. As a reminder, the following sites are now available:

[bitsharesblocks.com](http://bitsharesblocks.com)  
[dvs.bitsharesblocks.com](http://dvs.bitsharesblocks.com)  
[play.bitsharesblocks.com](http://play.bitsharesblocks.com)  
[pts.bitsharesblocks.com](http://pts.bitsharesblocks.com)



## Dan Notestein & BTS Now

Delegates: [delegate-dev1.btsnow](#) | [delegate-dev2.btsnow](#)  
[delegate-dev3.btsnow](#) | [delegate-dev4.btsnow](#)

@dannotestein

We have updated [blocktrades.us](#) to support trading pairs for buying/selling Notes (the asset used to make the BitShares Music DAC liquid) and for selling BTS and bitAssets for Bitcoin. Perhaps not surprisingly, purchases of BitShares with Bitcoin remains the volume leader on the site, although bitUSD briefly became a popular purchase during the recent short squeeze.

We also added support for creating user accounts on BlockTrades to allow customers to maintain long lasting records of purchases. Currently the user interface is fairly basic, but we plan to enhance it considerably in the near term, once we complete our current research into the best web technologies for future development.

On the BitShares client side of our work, we fixed several bugs we found in the wallet while working on the backend engine for BlockTrades. We also fixed a network syncing problem that was recently discovered by Nathan. Beyond those specific issues, we've continued contributing to the design discussions related to future market functionality and blockchain-related issues and assisted with new Windows release builds as needed.

## Vikram Rajkumar

Delegate: [developer.vikram](#)

@vikram

Since the last newsletter update, I have continued leading core blockchain and wallet development as well as providing community technical support whenever possible. For the foreseeable future, my highest priority is to release BitShares 1.0 by stabilizing the protocol and client as soon as possible.



## Nathan Hourt

Delegate: [dev.nathanhourt.com](https://dev.nathanhourt.com)

@modprobe

I am continuing development on the light wallet. In addition to upgrading my light wallet server, I've also implemented the latest key derivation scheme and verified that the light wallet's accounts can be recovered on the web hosted wallet, and vice versa.

These changes are available on the BitShares git repository. I plan to offer a stable release candidate with Windows and Mac binaries soon.

## James Calfee / Web Wallet

Delegate: [jcalfee1-developer-team.helper.liondani](https://jcalfee1-developer-team.helper.liondani)

By: James Calfee (@jcalfee1)

BitAssets

The core functions for the marketplace are coming along nicely. It is quite exciting to see our JavaScript creating market transactions that are getting accepted by the network. Currently, we have a hosted wallet "pre-release" that is able to buy and sell bitAssets. More code was written behind the scenes than is shown. My focus is now starting to shift from new functionality to unit testing.

**Online Web Wallet** - <https://wallet.bitshares.org>



**The wallet exchange platform is Open Source and available at**

<https://github.com/bitshares/bitshares-js> and [https://github.com/BitShares/web\\_wallet](https://github.com/BitShares/web_wallet)

## Market Maker Update - It's a Bot's Life

Delegate: [backbone.riverhead](https://backbone.riverhead)

By: James Reidy (@riverhead)

The last couple months have been a whirlwind of falling share price, yet we have also seen increasing activity from the BitShares community. The energy level is rising and that shines through in my market making efforts. The demand for all assets is on the rise.

I have two areas of focus: the internal decentralized exchange (DEX) and Metaexchange. The DEX has market making software in place to execute trades within a tight spread of the



peg, typically around 1.5% on either side. This price is based on the median feed from the delegates and adds support to the peg as well as some badly needed liquidity. Current market pairs are USD/CNY/SILVER/GOLD/BTC : BTS. Next on the agenda is to add mixed pairs like USD:BTC. This is challenging for an autonomous bot because the feed price needs to be calculated three times and so accuracy may suffer.

Metaexchange is a decentralized bridge run by Monsterer and Shentist. Currently there are a few nodes providing liquidity with more on the way. My software runs the BTC:USD, BTC:GOLD, and BTC:SILVER pairs. The bridge adds a path into and out of bitAssets from BTC without needing to download and use the DEX. Current total volume for these pairs is just north of 10MM BTS in the few weeks it has been live. Future plans for my software on this service include better automation of the fund rebalancing and integration with the DEX bot to facilitate automated and best price rebalancing.

The recent theft of BTC from BTER hit the Cryptohedge operations hard. While ironically a good hedging strategy can help mitigate the damage caused by a single market collapsing, this happened very early in the build out process. While we wait for BTER to release the BTC currently being held as BTC-B, Rune and myself have been buying back CFSAssets to close out existing positions. The future of Cryptohedge is uncertain at this point, but we will revisit our options once those that had money with us are made as whole as possible.

The future for BitShares looks exceedingly bright and getting brighter every day. I am very excited about the prospects of BitShares and the innovations yet to surface. Moonstone, Cryptosmith, BunkerShares, DACx, and other independent projects will help bolster adoption above and beyond what is being done by the core developers

## **BTSBOTS and Transwiser.com**

@alt

I am still working on [www.btsbots.com](http://www.btsbots.com). The UI development has been difficult - I have tried to find 2 developers with no luck yet. The good news is that I now have good fiat gateway for CNY. I have also joined a new project, and we are almost ready to launch. The new project is online now: [www.transwiser.com](http://www.transwiser.com) It is a gateway for fiat CNY, where people can deposit fiat CNY through alipay, and get BITCNY/BOTSCNY automatically in about 30 seconds.





## Metaexchange Updates

Delegate: [dev-metaexchange.monsterer](https://dev-metaexchange.monsterer)

By: Paul Firth (@monsterer) and Frank Ahrens (@shentist)

We would like to share some stats from metaexchange:

- We started out with just bitBTC, but so far we have added BitShares, bitUSD, bitCNY, bitGold and bitSilver, so at the moment you can trade in 6 native markets
- We've served 632 accounts and processed over 418 BTC
- We've processed over 3000 transactions, for an average of ~ 4.7 transactions per account
- Most of the trades are from Bitcoin into BitShares
- There are roughly 1.64 BTS buyers by volume for every seller.  
So on our platform more people are buying into BitShares!

We are looking to improve the service and appreciate every feedback on our [BitShares thread](#).

We also were pleased to run our first UIA fundraiser for the moonstone project.  
<https://metaexchange.info/markets/MOONFUND/BTC>

The moonstone team are running a metaexchange node on their own hardware, which has been set up to issue/burn the MOONFUND UIA as buy and sell orders come in.

This is metaexchange's first fundraiser partnership and we hope to be part of many more. There are a number of advantages to using metaexchange to handle your own fundraiser:

- You hold your funds at all times directly on your own server/wallets
- BTC injected into BitShares increases the value of the ecosystem in general
- No need to slog away coding your own solution for accepting bitcoin and issuing UIAs.

Shoot us a PM if you'd like to talk more about running your own fundraiser.  
Thanks to all for using our service!



## Limewallet

Delegate: [elmato](#)

By: Mateas Romeo (@ElMato)

We have been delayed with personal things the last couple of weeks, as I am a father once again! Going forward, we will be focusing on getting a workable release out ASAP for the community to test. We have integrated all the liquidity providers out there into our platform in order to have the best available rate for the BTC to bitUSD/bitCNY conversion. We are stockpiling the delegate proceeds to use it as our working capital to do the exchange conversions. Our backend has gone through a massive update now with 4 servers in amazon EC2, and Cass is working on the new GUI design.

## Peter Conrad

Delegate: [dev-pc.bitcube](#)

@pc

Shortly after my previous newsletter submission my delegate was voted in.  
Many thanks to everybody for your continued support!

As announced in my proposal the first two weeks of payment were taken to compensate me for the delegate registration fee. Despite the serious drop in the BTS price I have completed work on various issues.

Find my monthly report at <http://bts.quisquis.de/delegate/report.html>.

April will be my first full month as a BitShares delegate. This means that more funds will be available to pay for actual work than in March. And of work at least there is no shortage... :-)  
Please continue voting for my delegate: [dev-pc.bitcube](#) - thanks!

## Cryptosmith

Delegate: [delegate.verbaltech](#)

By: @Gentso1 & @Thom

It's been a exciting month at Cryptosmith with the acceptance of not only bitSilver and bitGold but also adding bitUSD, bitCNY and bitEUR. Now that the core bitAssets have been successfully added, we are putting our full focus on a smooth integration with



MineBitShares. Together these two services will serve as a jumping off point, to expose existing crypto users to the BitShares network.

By voting for [delegate.verbaltech](#) you can expect the funds to go towards marketing, VPS cost and site development.

## Delegate Tools Development

Delegate: [btstools.digitalgaia](#)

By: Nicolas Wack (@wackou)

Since my last update in the NullStreet journal, not much has happened on the visible side of the tools, but there has been quite a few changes behind the scenes. In particular, the monitoring functionality has been split into modules (or plugins) which allows monitoring to be much more modular and configurable, as well as making writing plugins much easier, which I hope will encourage 3rd-party contributions. This has culminated in the 0.2 release of the tools ([https://pypi.python.org/pypi/bts\\_tools/0.2](https://pypi.python.org/pypi/bts_tools/0.2))

On the other hand, the [backbone proposal](#) is still on standby mode, since my delegate [btstools.digitalgaia](#) still doesn't have the required number of votes. In a nutshell, the benefits that this proposal would bring to the table are:

- high-availability seed nodes in 3 major geographical regions that ensure fast connection to the network
- chain servers on those nodes also ensure fast initial synchronization to the network. Additionally, those would also help in case of forks of the network (If a chain node is on the main fork, then by updating from it you also end up on the main fork, no need to fiddle with checkpoints...)
- backbone nodes are an additional security for delegates, and could also help to ensure fast and broad block propagation, which could potentially limit the number of forks

For more details, please see the proposal on [BitSharestalk](#), or on [my website](#).



## Jag Sidhu

Delegate: [dev.sidhujag](#)

@jsidhu

This month, I worked on shopping cart integration. I am also working with a partner to integrate a marketplace that is flexible and based on the blockchain, and to integrate the BitShares checkout with this marketplace to increase liquidity. I also worked on cryptosmith.info and a BitShares ticker plugin: <http://github.com/sidhujag>



## Checking Items off the To-Do list

Delegate: [delegate.xeroc](#)

By: Fabian (@xeroc)

The last few weeks I used most of my spare time to do some coding for BitShares and started using the BitShares-JS library from @jcalfee. I chose to start with a simple paper wallet generator for the [beginning](#) with source code at [github](#) and am now try to integrate a transaction builder into the [brainwallet architecture](#). The initial work there allows the creation of pubkey/privkey pair for BTS (generator page), and the source code which is under development can be found at [github](#).

Furthermore, a discussion was started in the German subforum of BitSharestalk about forming a registered society (in Germany) around BitShares. This is ongoing work and we hope to find enough interest for this to start soon.

Forum member @favdesu noticed that the domain BTS.wiki was free for registration, so I took the chance and registered it to have it forwarded to the [BitShares community wiki](#). In order to contribute to the initial costs of around 30\$/yr you are free to send some funds to “donations.xeroc” (non-TITAN, public account balance).

The python script to sharedrop an arbitrary amount of an arbitrary asset in the BTS network to a set of new addresses for paper wallets during meetups has been pimped and can be found [here](#). Recently, I started writing a non-public To-Do list for things that .. yhea ..have to be done eventually. So far, it has 120 lines :)



# Marketing Updates

BitShares delegates and community members are spreading the vision of BitShares all around the world. Here's how they are doing it:

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## MineBitShares Update

Delegates: [minebitshares-reloaded](#) | [delegate.rgcrypto](#)

By: @rgcrypto



**The Most Profitable Multi-Pool Daily...handsdown.**

**Operator:** @DataSecurityNode

**Dev:** @DataSecurityNode + Team

**Marketing:** @Rgcrypto ([delegate.rgcrypto](#))

**Exchange liaison:** MetaExchange / BlockTrade

**Additional Supporter:** fuzzy.beyondbitcoin (~10%)

**Consultants:** @rnglab and @pheonike

[pool.minebitshares.com](#) is a multipool that pays out miners in BitUSD.

After almost a year of pioneering work, @Nethyb is passing the torch to @DataSecurityNode to host and operate our current multipool operation. Unfortunately Nethyb will now be taking a back seat, but only after having instilled a renewed interest in making our multipool the most attractive multipool for all miners on the internet.

After testing multiple funnels and advertising methods, I took a hard look at the results as



well as the cost of acquisition of new users and decided to use all my delegate funds to support MineBitShares, the most successful strategy to date for acquiring new BitShares users and creating liquidity. Because miners need to open accounts to get their bitUSD, MineBitShares is and has been our #1 source of new client downloads.

Our goals for MineBitShares 2.0 have been challenging, but we now have the funds and manpower to make them a reality. With two 100% delegates, donations from a third delegate, and a team of dedicated people at the helm, we are currently developing the processes (our secret sauce) by which to guarantee that our multipool will stay on top and remain most profitable pool out there. Our payout is increasing steadily and when we implement this “secret sauce”, we will see the popularity of our pool grow by leaps and bounds.

Here are just some of the ways that MineBitShares will contribute to bolstering BitShares core value:

- By Increasing bitAsset Liquidity - Great for trading bots, MetaExchange, BlockTrades, Moonstone, etc.
- By Introducing new users to the BitShares client
- Our partnership with CryptoSmith will mean that virtually mined BitGold and BitSilver could be converted to physical gold and silver and delivered to your door.  
(great marketing angle)
- By winning over the mining crowd and providing them a unique value proposition (stable holdings, yield, etc.), and making their tax reporting easier.
- By Increasing our market cap
- MineBitShares will Require ZERO Dev time from BitShares core developers

We will also be revamping the website for a better user experience, so stay tuned to [www.minebitshares.com](http://www.minebitshares.com). To learn more about our plans, or to add your own suggestions for this project, please visit our working [document](#).

We welcome all of your feedback!



## BitSharesBreakout Funding and Liquidity

Delegate: [fund.bitsharesbreakout](https://fund.bitsharesbreakout.com)

[bitsharesbreakout.com](https://bitsharesbreakout.com)

By: John Rilinger (@xeldal)

BitSharesBreakout provides up-front funding for critical projects on an as needed basis. The fund specifically targets high quality projects that are either too small to warrant a delegate position or mission critical projects that require quick capital. The fund is supported by an initial 1.5 Million BTS donation and further enhanced by community support for individual projects.

To date, BitSharesBreakout has sponsored a number of projects you may be familiar with. First is the P2P Road trip tour from Bitscape and Roadscape. BitSharesBreakout helped fund the excursion by upgrading the crew's audio and video hardware they used on the trip. This quality hardware will see a great deal more mileage well beyond their initial cross country journey. Keep your eyes open for these 2 highly motivated, inspirational travelers.

BitAssets can be sent around the world for **minuscule fees**



The Second is from Arlene Birt, who behind the scenes has been diligently at work on an extensive masterwork portfolio of the finest infographics. Working with Cass and a team of technical experts she's been able to craft some stunning artwork that seamlessly fits the character and feel of the BitShares brand.

I think you will appreciate her fresh perspective and the elegance and simplicity with which she communicates.

Lastly, I'd like to introduce the Breakout Bot whose primary function is to provide liquidity to BitShares markets both internal and external. Its a project I've been working on since the beginning of the year and is rapidly expanding. Currently we are providing liquidity to 12 external markets and just this week started supporting internal markets as well, focusing on bitBTC pairs, first of which is bitBTC:bitUSD.

BitSharesBreakout needs your support! Please vote for our delegate and view [our proposal here](#)



## Chinese Community Service Group

Delegate: [market.cn.group101](http://market.cn.group101)

By: @BTSwildpig

The past month, our focus has been organizing resources to promote BitShares while helping out with development and bug reports. One of our achievements on that front is that @abit, one of the talented programmers on our side, has helped fix bugs on the urgent updates of the 0.8.0 and 0.8.1 wallet. He is also interested in further research and improvement of the C++ code base of the BitShares wallet. And we're currently looking for more talent in the Chinese community with technical skills to provide more help with development.

## [www.bts.hk](http://www.bts.hk)

Delegate: [www.bts-hk](http://www.bts-hk)

By: @BTSwildpig

Our site [www.bts.hk](http://www.bts.hk) run by @Snail (Delegate: [www.bts-hk](http://www.bts-hk)), has been the main source of information in the Chinese community for a long time. In the past month, our writer reward program has brought several high quality articles online and were forwarded by exchange BTC38 on their news channel . We're working on additional approaches to attract writers.

## DACx

Delegate: [dacx.baozou](http://dacx.baozou)

By: @BTSwildpig

DACx (Delegate: [dacx.baozou](http://dacx.baozou)) has been a main focus in the Chinese community for a long time for its crowd-funding platform using the BitShares blockchain. The business model was reported on city wide TV program in Shanghai last week. Some people are even stockpiling bitCNY in order to participate in the crowd-funding projects to come on DACx.





## Beyond Bitcoin Mumble Hangouts

Delegate: [fuzzy.beyondbitcoin](https://fuzzy.beyondbitcoin.com)

By: @fuzzy

Hello BitShares Community!

This month, the Beyond Bitcoin Crew has been busy bringing BitShares' future leaders and its community together. Whether it is talking to Bytemaster about his vision of the BitShares ecosystem, Taulant of Bitsapphire about MUSIC and Moonstone, or any number of the delegates about the path going forward, we continue working to ensure our hangouts remain town-hall styled events.

Why? Because unlike every other cryptocurrency, BitShares uniquely gives the power to its holders to vote into and out of power those who will secure the blockchain and build the systems upon which we and future generations will rely. We also believe that because DPoS-based blockchains like BitShares require an educated and active citizenry, that citizenry should always have the opportunity to respectfully approach those serving them with any question or comment.

We have focused on building the town-hall styled events necessary to ensure open communication since the very beginning, almost 18 months ago, and intend to continue adding to our services as the blockchain matures and gains traction.

If you would like to see the content created this month, please check out [www.beyondbitcoinshow.com](http://www.beyondbitcoinshow.com) and while you are at it, if you find the hangouts valuable please share them with friends and family!

What is the Crew up to? While Jabbajabba continues working on the website, Emailtooaj is working on tying Mumble, Google hangouts, and Skype all together to provide users with the ability to join us using their preferred platform. JoeyD is maintaining the servers and actively looking to introduce functionality that enables slideshow presentations, which we hope to add to the aforementioned items to provide a more "classroom" feel to hangouts and virtual meetups. As always, BTSWildPig is working to keep our close ties to the Chinese community and translates each and every one of our hangouts for those members of the community well versed in Mandarin, but not so comfortable with English.

If you haven't already voted for our delegate ([fuzzy.beyondbitcoin](https://fuzzy.beyondbitcoin.com)) please consider doing so



we can continue to pay for the servers and expand our services!

## Bitscape Media Report

Delegate: [media.bitscape](http://media.bitscape) & [provisional.bitscape](http://provisional.bitscape)

By: Brandon (@bitscape) & Tim (@roadscape)

Since our last update, we set off to get the stories of those involved in BitShares: coders, organizers, and creatives alike who are building an industrial strength blockchain for the emerging consensus economy. From Minneapolis MN to Blacksburg VA and back again, our trip spanned 4,435 miles in 24 days, as we conducted 15 interviews with community members and core devs in 7 states.

[Here's a recap](#) of our trip on Beyond Bitcoin.

Along the way we also met up with John Barrett of Bitcoins and Gravy to talk about the state of BitShares today. The resultant podcast will be EP #64. Watch for it [here](#).

To learn more about the p2p tour please visit: <http://bitscape.io/category/bts-p2p-tour-2015/>  
And also our thread on the forums: <https://bitsharestalk.org/index.php/topic,14865>

We've mostly recovered from our travels and are just now beginning to pore over the video we captured along the way. We are aiming to release some teaser footage as it is available, in bite sized pieces, with a more comprehensive production to follow. We'll be continuing to explore ways to expand the reach of BitShares through our threefold path of development, media, and organizing.

This trip provided a lot of food for thought on how to move forward with our mission to help build the BitShares ecosystem, and after meeting with so many inspiring community members we are more committed than ever.



## Follow My Vote

[www.followmyvote.com](http://www.followmyvote.com)

Delegate: [delegate.follow-my-vote](https://delegate.follow-my-vote)

By: Adam Ernest (@ak)

We've had another exciting month at the BitShares offices in Blacksburg, VA!

Perhaps the most exciting update I have for the BitShares community is in regards to Follow My Vote's recent visit to Oslo, Norway. As the Founder and CEO of Follow My Vote, I was invited overseas to attend a national meeting for the Pirate Party of Norway. Members of the Pirate Party had recently learned about the verifiable online voting platform we are developing in partnership with BitShares and wanted to learn more about it first hand. Needless to say, I accepted the invitation.

This meeting, which is held annually in Oslo, Norway, took place on March 21 - 22. I was originally invited to speak for approximately 45 minutes; however, due to the active engagement and participation from the audience, my presentation lasted nearly 90 minutes, which included a slide deck, a full demo of our proof of concept voting system, as well as a detailed review of the inner workings of our system. A shortened video of the presentation can be viewed at [followmyvote.com/blog](http://followmyvote.com/blog). Following the presentation, I was able to arrange a meeting with the leadership prior to traveling back to the United States.

During this meeting, although the Pirate Party exists across 6 continents and in approximately 61 countries throughout the world, when taking into consideration that the Pirate Party of Norway was established recently, members expressed interest in using our system to establish consensus with respect to the issues that matter most to the party, by helping them to determine where the party stands on such issues, and deciding how best to prioritize addressing these issues. The Pirate Party of Norway aims to lead by example and wants to be the first political party in the world to begin using our voting system. Despite the many use cases of our voting platform, if anything, the Pirate Party intends on using it in their political party's internal elections.

As a next step, we intend to work with the Pirate Party of Norway to ensure that we develop an open-source version of our software that meets their party's needs, as well as reach out to the Pirate Party in various countries across the globe to gather their requirements to ensure our voting platform is fit for worldwide adoption.

In other exciting news, we hosted another BitShares Worldwide meetup earlier this month,



right here in Blacksburg, VA. The turnout was really great. We had the opportunity to introduce our meetup group members, new and old, to many of exciting BitShares related projects that are going on at the moment. We timed this month's meetup to coordinate with @bitscape, @roadscape, and @robrigo's visit to Blacksburg while on their nationwide tour. They captured the entire event on video.

Be sure to check out [bitshares.org/blog](http://bitshares.org/blog) for a full recap of the event.

Hosting these key members of the BitShares community while they were on their nationwide tour was a truly awesome experience. It was good to talk shop with like-minded individuals and get to know members from the community on a more personal level. @Slick\_Willy and I were both interviewed by the team on tour while they were here in Blacksburg. Hopefully, this will allow the rest of the community to get to know us a bit better, once the footage has been released.

On the social media front, March was another great month for BitShares. Our Facebook fan base continues to grow, as we gained over 1000 fans (14% increase). On Twitter, we gained over 100 followers and had over 200 retweets. We have increased our number of fans on Google+ and subscribers on YouTube as well.

With respect to Follow My Vote's social media presence, we spent some time developing several marketing videos and launched multiple ads on Facebook in order to promote them. Our voting platform demo video reached over 44K viewers and received over 4.5K views. We also created a uniquely targeted promotion for the Pirate Party presentation video that significantly increased our exposure and doubled our fan base, garnering over 250,000 views and 500 new fans.

On [BitShares.org](http://BitShares.org), we are averaging around 10,000 unique visitors per month. In March, we received another 5K bitAsset Whitepaper views and over 1200 BitShares client downloads. And, we are still tracking new BitShares user referrals through [faucet.bitshares.org](http://faucet.bitshares.org), with [www.minebitshares-com](http://www.minebitshares-com) in 1st place, [www-paycoin-ws](http://www-paycoin-ws) in 2nd place, and [fav-marketing](http://fav-marketing) in 3rd place for the month of March. As stated before, once we've integrated proper identity verification capabilities with BitShares, we should hopefully be able to roll out an incentivized referral program.

On that note, we've just gained developer access to Jumio's newly upgraded online ID-verification software and are currently exploring integration options with the BitShares



platform for use in applications like Follow My Vote's voting system and other potential use cases.

As a final note, I would like to reiterate how excited I am to be working with you all and how fortunate I feel for having the opportunity to be a part of this community!

Keep up the great work!

## BitSpace

By: @CLains and @Spectral

We had a great time meeting up with Adam Ernest here in Oslo after his invitation to the Pirate Party national summit. Adam discussed his vision for an online, incorruptible and transparent voting platform and wowed the Party through three days of meetings, presentations and dinners. The final edit of the full video is coming soon.

For more information [see here](#).

We also invited the founder of bitmynt.no who was an early Bitcoin entrepreneur and has been vocal regarding the confusing laws and regulations that have been proposed here in Norway. Finally, we created a proposal on Bitcoin and "Bitcoin 2.0" which outlines key points we believe the Pirate Party should focus on. The proposal was presented by Spectral, who is a key member of the party, and voted into effect at the meeting.

(translation and video forthcoming)

In addition to this, CLains and Spectral are currently working on a number of other fronts. CLains is mainly working on learning marketing and creating web pages as well as translating BitShares 101. Spectral has set up and is running a DevShares delegate, and he is interfacing with Adam on the needs and potential use-cases of Follow My Vote. There is no shortage of things to do, and we hope to get a 100% BitShares delegate up and running within a few months, when we have crystallized our more business oriented plans to help serve the BitShares ecosystem!



## Bitshares Team Argentina

formerly [argentina-marketing-matt608](#)

By: Nahuel Peerz (@rnglab)

### Updates on our delegate team

We want to thank @Matt608 for his great work as Argentina Marketing partner and his initiative on creating this delegate. We are proud to have his confidence as delegate successor and wish him the best for [his upcoming projects](#).

We agreed with Matt on a delegate replacement for argentina-marketing-matt608, and he kindly accepted to keep it running for a while so we can coordinate a delegate swap proposition. With actual team reorganization we are now working voluntarily. No one is getting paid for their contributions, at least until we prove being valuable for the network.

### The team

- **Francisco Osca** (@fran2k). Event Organizer and Speaker on presentations. Marketing.
- **Matias Romeo** (@elmato) Programmer. Main developer of LimeWallet mobile wallet. Already delegate (elmato). Speaker on Bitshares presentations.
- **Pablo Tutino** (@dargonar) Programmer. Main developer of LimeWallet. Shares a delegate with Matias Romero (elmato).
- **Etienne Marcus** (@etimarcus) Programmer & Designer. Speaker on Bitshares presentations.
- **Maria Palma**. Photographer and filmmaker.
- **Nahuel Peerz** (@rnglab). Multitask. Sysadmin.

### Goals and funds

Since our main goal has been to target already crypto-friendly people until Bitshares stable release, expenses have been low. As long time active members of the Bitcoin community from Argentina we already have a place, resources and audience to create Meetups and promote BitShares at many conferences and other crypto related events. Costs are usually limited just to bitUSD paper wallets for giveaways, printing promotional materials and little else. Matt has around 1500 BitUSD delegate savings and has already covered his delegate registration fee.

We want to keep going in this direction while making bigger plans and also testing new strategies to be ready for the upcoming times. Please visit our delegate update thread for a



detailed list of objectives for next month, budget allocation and [work already done](#). We'd like to hear all views that contribute to aligning our community on a steady course.

## Greek Outreach

By: @Onceuponatime

After many twists and turns, and thanks to much help from mf-tzo and his wife, the Greek translation of Bitshares101 is finally ready for publication. @cusknee and I hope to have it available for download at [cryptofresh.com](http://cryptofresh.com) very soon. We are very happy that Greek language readers will now have available to them an entry point into the wonderful world of BitShares. It will be awesome and motivating to see Greek join the Russian, Spanish, Korean and English versions now available at [cryptofresh.com](http://cryptofresh.com)!

## BTSWolf

By: Tim Wolf (@btswolf)

Here are my updates for [btswolf.com](http://btswolf.com) from the last month.

[March 16 – Blog article about bitAssets published](#) (german)

[March 22 – Blog article about 5 ways to profit with BitShares published](#) (german)

[March 24 – Exclusive blog article about BitShares was published on the biggest German Bitcoin related News websites bitcoinblog.de and btc-echo.de](#) (german)

Besides those blog articles, I have created and updated several informational articles in german on [btswolf.com](http://btswolf.com). For example: What is a Blockchain, DAO, How to's, bitAssets, Price Feeds, Delegates etc. Over the Easter weekend, I started a little competition on [btswolf.com](http://btswolf.com) with a \$20 winning prize.

And last but not least, I published my latest [Delegates Report on April 9th](#).

You can follow all of my BitShares related activities on <http://www.btswolf.com/protokoll> (german)



# Proposals and Opportunities

We are attracting all kinds of attention from the wider crypto-sphere. Here's where to look for delegate proposals, delegate campaigns, IPO and crowdfunding initiatives, contests & promotions, new partnerships and more!

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## BitShares Public Relations: Delegate Proposal & White Paper

Delegate: [delegate.dposhub.org](https://delegate.dposhub.org)

By: Michael P. Maloney (@CryptoPrometheus)  
Jonathan Baha'i (@DataSecurityNode)

For the past three months, while the core devs have been working diligently to enhance, reinforce, and solidify the BitShares software protocol, my business partner Jonathan and I have been busy identifying and mapping a specific group of public relations and social media tools that will help support and strengthen the bonds of human relationships, both personal and professional, that are perhaps equally as vital to the success of BitShares.

In the following pages, we outline a plan for addressing some of the key difficulties our community has faced in attempting to generate PR traction both within and outside of the cryptosphere. To begin, we have identified three separate categories as they relate to the gathering and processing of information...

[continued..](#)

## Moonstone.io Wallet Fundraiser

Delegate: [bitsapphire](https://bitsapphire.com)

By: Taulant Ramabaja (@bitsapphire)

Hello everybody!

The Moonstone [fundraiser campaign](#) is in full swing and after a lot of [great community feedback](#) we modified our original fundraiser landing page and added a [FAQ](#) which includes the community's questions! We'd like to thank everybody that helped us reach 10% of our crowdfunding goal within such a short time!





### Changes to the crowdfunder:

- Besides the donation interface on [Moonstone.io](https://moonstone.io) and [Metaexchange](https://metaexchange.io) for BTC donations, you are now also able to donate BTS directly via the **internal exchange**. The token is MOONFUND and you receive the full 15% discount on your BTS donation. This is a great way to support the BitShares ecosystem and potentially make a return!
- We are making slight changes to the crowdfunder by adding a **second 30 day crowdfunder period**, extending the original 30 days to 60 days (in line with other crypto crowdfunders). The potential 15% return applies for both months.
- We will release the front end without the transaction builder for community testing purposes before the 60 days are over. This ensures that whoever has doubts can see for themselves what the user experience and therefore the added value of Moonstone will be.

Exchanges who are interested in integrating BitShares, but don't have the people or time to do so can get in touch with us via [info@moonstone.io](mailto:info@moonstone.io). We are sweetening the deal for any and all exchange or gateway owners to get in touch with us: Any exchange or gateway owner that donates at least 10,000 USD worth of crypto will get free consulting from Bitsapphire to integrate BitShares with their exchange.



More good news: You can now get a feeling for the Moonstone wallet in [this mockup](#).

The team thanks you all!

## BunkerShares Brings Nuclear Bunker to BitShares

By: Jonathan Baha'i (@DataSecurityNode)

Introducing the first ever crypto-backed data center offer in the history of the Internet. Hold on though, it's not just a data center, it's a nuclear bunker!

BunkerShares is launching a global campaign for the presale of product and service



offerings from the bunker, and represents a promising use case for the User Issued Asset system in BitShares. With the quagmire of legal issues surrounding securities and crypto, we have managed to fashion an offering that brings tremendous value to buyers and holders and yet actually falls outside of regulatory influence. This use case and the successful presale will provide a working model of how BitShares UIA can be used in for brick and mortar business, or in this case, double-steel reinforced concrete businesses.

We are at the pre-launch stage of this offering and invite everyone to check it out and get all kinds of free bonuses including FREE BunkerShares just for telling your friends about it. Once our presale begins (which will be announced at a later date) it will last for 50 days. Buying within the first 20 days will give you a steep discount over the retail price that will commence after the presale is over.

Later, you will be able to use your BunkerShares to obtain data center services from the bunker, or put them on the BitShares DEX in the open market to sell for as much as you like.

**NEVER WORRY AGAIN**  
With the **GUARANTEE** of Nuclear Bunker Data Protection

**BunkerShares 50 Day PreSale and After Sale Price Schedule**

Day	Price (\$)
Day 1	0.00
Day 10	0.05
Day 20	0.10
Day 30	0.20
Day 40	0.50
Day 50	1.00

**FREE \$20 Coupon + PDF Layout of Bunker + 1000 BunkerShares Offer Inside!**

**BunkerShares**

Don't Miss What Industry Experts Are Calling **THE MOST INTRIGUING OFFER OF 2015!**

- Exclusive Limited Supply
- VIP Community Access
- Reliable Crypto Platform
- Reduce IT Costs up to 65%
- 50 Day PreSale Discount
- Decentralized Investment Market

**VISIT BUNKERSHARES.CA NOW!**

Did we mention the retail price will be more than 100% than the initial discount offered in the presale? This means great margins in selling your BunkerShares, the same kind of margins you might get from buying season tickets to a ball team, and then being able to sell them for a huge profit later when your team is hot and in demand.

The Cloud services and security industries are \$195 billion a year combined, and the bunker offers the best of breed in both arenas, making it poised for higher and higher demand. That demand will flow through BitShares by way of the UIA BunkerShares.

Check out [www.bunkershares.ca](http://www.bunkershares.ca), and If you have further questions you can reach me directly on the BitSharesTalk forum @DataSecurityNode



## Sollywood TV with Sollars and Sense

Delegate: [Sollywood.Sollars-com](https://sollywood.sollars-com)

By: @solomonsollarsnsense

At the request of the BitShares community, I have created this video project for BitShares community member DataSecurityNode (aka Jon) and his venture BunkerShares. The video can be viewed at [YouTube](#).

I completed this project to show what I can accomplish on my own as a content creator with basically no budget. It was great working with Jon and I'm glad we could help each other out where it was needed. We both have powered by BitShares projects. If you enjoyed this video and would like to see more content created from me for BitShares my delegate is now officially registered.

We went from position 5400 to 125 in less than 4 days. Thank you to all who have already voted. It means a ton right now. Remember to remind your representatives in Virginia and China to vote for me too. They represent you and this community's direction. YOU WILL NOT REGRET IT. This Powered by BitShares movement is just getting started. And we are not looking to talk, we are looking to walk. So walk with us.

Next up I will be doing exactly what is described in March's NullStreet post, and that is making Sollywood TV with Sollars and Sense the killer app Bitshares needs. The MVP for Sollywood TV w/Sollars and Sense will be a kickstarter/crowdsale (with front end prototype for visually illustrating the experience). We will look to raise capital to build the back end as it is presented in the campaign. Full details will surface in the coming days and weeks.

We are aiming to get this kickstarter/crowdsale launched this summer. We've already begun pre-production and production starts in a couple of weeks on content. Sometimes in life we have to step up and be the change we want to see. I'm doing that and there are no regrets. Its time for New Money to make \$ense.

## “Note” Now Trading on the BitShares DEX

By: bitsharesmarket (@bitsharesmarket)

[whatarenotes.info](https://whatarenotes.info)

[NOTE](#) is now trading on the BitShares decentralized exchange – get the [BitShares Wallet here](#) to start buying and selling NOTES. For more information about NOTES check out the



[BitShares Talk Music forum](#). Learn more about the Music project at the [Peertracks music website](#), the PeerTracks [Facebook](#) page and follow them on Twitter [@PeerTracks](#).

Check out the [BitShares Blog](#) for more network news.

## **GEMspace Stock Exchange to be Built on top of BitShares**

By: Alec Hahn (@bitcoin42) and Devon Luker (@tsaishen)

Our company, Gemspace Holdings, will soon launch one of the first JOBS act compliant crowdfunding sites. We are calling this Global Electronic Marketspace or GEMspace. We have chosen BitShares as our base to build upon, because the product provides some truly excellent innovations and the community has demonstrated a great deal of willingness to forge new pathways into the crypto-equity space.

We are pleased to announce that as of June 12th, 2015, if you own a small business and you wish to issue a JOBS act compliant mini IPO (up to \$20 million annually), you will be able visit [www.gemspace.net](http://www.gemspace.net) and begin your crowdfunding campaign. When your campaign succeeds, you will have the opportunity to be listed on our upcoming exchange as well.

Investors who open their account through GEMspace will already be subject to AML/KYC verification before trading, and thus automatically whitelisted to trade any assets IPO'd through GEMspace. To further ease the SEC compliance burden for small business, we have created a tool named "CASEY" that will be integrated into GEMspace's trading platform. CASEY will automate, to a large extent, the gathering of information required for SEC reporting, and can even generate pre-filled reports about the assets created on GEMspace. You can then submit these reports with your regular filings. We are also offering a new fiat gateway to help facilitate a smooth transition into and out of bitAssets for non crypto-savvy customers.

We are working hard to help small businesses worldwide gain access to the US capital markets, and to give individuals the opportunity to help build a strong economy of entrepreneurs. We are excited to be working with the BitShares platform, and welcome any and all feedback from the BitShares community.

Please feel free to contact us with questions, and stay tuned to [www.gemspace.net](http://www.gemspace.net) and [bitsharestalk.org](http://bitsharestalk.org) for the latest updates!



# Editorials

The BitShares community is filled with free thinking, hard working people.  
What's on their minds?

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## Flashes of Lightning, Rumbblings and Peals of Thunder

By: Stan Larimer (@Stan)

This newsletter certainly shows that a LOT is going on in the BitShares ecosystem. Yet the developers have been strangely silent. Are they slackers resting on past laurels? What have they done for us lately anyway? For a variety of reasons, we have adopted a policy of “greater discretion” in our public communications. This is to avoid “spooking” the market with misunderstandings caused by our legendary incompetence at PR and to avoid having our innovations rushed to market by competitors in a poorly implemented fashion that nevertheless undercuts the publicity benefits of being the first to introduce revolutionary advancements.

We did pretty well at that for over a month.

But recently several exciting hints have leaked out despite our best efforts. Bytemaster can hardly contain himself; he is so excited about the progress the team has been making.

“Oh it will be a storm of the century! Cannot mention any exact dates, but the next few months will be epic.” -Recent lamentable Bytemaster indiscretion.

I, on the other hand, being much more mature, was able to restrict my leakage to, “The same thing we do every day, Pinky”, a vague ex post facto reference to the number of innovations our team has demonstrated the ability to deploy against all odds in the past. Indulge in [The Origin of BitShares thread at bitsharestalk.org](http://bitsharestalk.org) if you are new or terminally skeptical.

Some might say, “Yeah, we’ve heard that before.” Indeed. And you’ve seen an awful lot revolutionary stuff delivered before too! Ignore my efforts to buy you a clue at your own investment peril. My conscience is now clear.



“Then there came flashes of lightning, rumblings, peals of thunder and a severe earthquake...”

But enough drama. Here is brief summary of recently leaked information, despite our intentions not to do so. None of it compares to what we have managed to not leak.

1. In a recent edition of our weekly [Staff Meeting Notes](#) I indicated that our progress has been exploding (actually, detonating, look it up) in the following areas: performance, partnerships, profitability, products, and patron acquisition.
2. Today, as the team was walking to lunch, I responded to a medium-sized Bytemaster epiphany with, “Don’t forget to have your Blog post on that < deleted with profound discretion > vetted by the PR team.” He merely said, “Don’t have time to write about it, I’ve got coding to do!” Sheesh.
3. As for new products: read about BitAssets 3.0 [here](#)
4. As for partnerships: read about Privatizing BitAssets [here](#)
5. As for patron acquisition, he [posted](#) this cryptic remark: “Now you are catching on... the way we bootstrap is to give established players a profit incentive to bring us customers.”
6. [Check out](#) this Week’s Beyond Bitcoin recording where Bytemaster let an awful lot about an awful lot slip. Well, maybe 1%.

Of course, all of this could be just my vain attempt to pump the share price. Or perhaps it’s a strategic attempt to get our competitors to surrender without firing a shot. Maybe I am mad or just a shameless purveyor of hype, but in my defense I leave you with [this classic scene from WKRP in Cincinnati](#).





## **Bullish on BitShares: Building a Bridge between Cyberspace & Meatspace**

By: Robert Konsdorf (@robrigo)

The universe and all of its constituent parts can be partitioned into spaces that fill the void of non existence. Spaces can take physical or mental form, and the conceptualization of spaces aid us humans in categorizing the objects in our environment and their properties, providing a framework upon which to compose a simulation that relates our sensory perception derived from experiences and biological processes into a stream of consciousness operating on top of a self-optimizing wetware stack of organic compounds, coordinating in a chaotic concert of stygmergic cytokinesis. These ever-morphing physical and mental spaces interoperate with one another, forming a highly complex and reactive state transition function upon which the notion of causality is built.

Cyberspace is the medium by which all communications are transmitted via the internet. The human interface to cyberspace exists in another spatial realm, that of the physical and primordial meatspace. This is the space from which cyberspace was wrought into existence by means of the continuous and experimental process of Hegelian synthesis and iterative application of the scientific method. Over time, these modern cultural processes have spawned theoretical and practical advancements in technology that have collectively increased the net value of human knowledge and understanding.

As with all technologies, cyberspace is an extension of meatspace, one that provides a platform for collaborative interaction between humans using toolsets for defining practical automated systems, and as a channel for the transmission and organization of information. We interface with this channel by manipulating data contained within it, inputs harvested from the hardware interfaces of mouse, keyboard, and VR headset all potentially acting as a wrapper to our physical beings, translating events in the physical world into software representations. Within cyberspace itself, mathematical spaces can be represented as computational algorithms that transform existing data and compose new data from existing inputs. Such algorithms are the basis for the automation of tasks and responsive systems that trigger behaviors in response to future events that occur and are capable of reactionary, fault-tolerant and self-healing modes.

A new breed of peer-to-peer, distributed cryptoasset software protocols are being built, inspired by the underlying concepts of Satoshi's blockchain. A blockchain is a database that



engenders verifiability and transparency by functioning as a cryptographically secured and immutable ledger of history that is sufficiently decentralized across a network of distributed nodes using modern techniques for maintaining consensus. Due to the costs of maintaining the censorship resistant properties of a cryptoasset network and central to the concept of blockchain based cryptoledgers is a scarce, core asset such as BitShares. Core assets are native to the blockchain and have fundamental value which is derived from the services enabled by the cryptoasset network and the ways in which the core asset itself is utilized on the network. In the case of BitShares, the fundamental value is derived from transaction fees which are charged to transfer or trade cryptoassets using the BitShares protocol, as well as for account name and asset registration. They also grant the owner control rights as BitShares can be used to cast approval votes to approve up to 110 delegates proportional to the owner's stake size. Another source of value for BitShares is as collateral for relatively stable market pegged assets, held in balances controlled by blockchain enforced smart contracts.

The promise of blockchain societies such as BitShares lies in new and never before possible forms of collective action, human organization, and restructuring of incentives that become possible when you codify the rules for societal institutions across the participants of a peer-to-peer network. Widely accepted systems of social interaction such as the monetary system, voting systems, and governance systems can be upgraded in such a way that every participant can audit and verify the results, no participant has control to change the historical record of events, and in which the very nature of ownership is redefined to lend full control of the property to its owner. It allows us, as fellow humans of Earth, to make the most internal machinations of the bureaucratic nation state public for all participants to bear witness to. It gives us a means to rout out systemic corruption that plagues the archaic, brittle and crumbling nepotistic self-serving military surveillance prison industrial war machine complex, going once, twice, SOLD! to the highest bidding multi-national corporation.

It allows us to escape the clutches of neo-global panopticon police brutality status quo statism, unleashed of our corporeal bonds, an empathetic, peaceful meatspace-cyberspace borderless free-flowing nonviolent free space characterized by enlightened, spacefaring, visionary cybernetic humanoid descendant void travelers, seekers of knowledge and knowers of time, the original children of the peer-to-peer singularity.