



Volume - 0.4

BitShares Community Newsletter
THE NULLSTREET JOURNAL



OUR IMMANENT EVOLUTION

The core team is still keeping a lid on the excitement, so Cass and I have decided to switch things around and begin this month's newsletter with a focus on the grassroots marketing and entrepreneurial projects in our space, followed by the the handful of development updates we were able to finagle. Finally, we wrap things up with another thought-provoking editorial piece from our good friend Robrigo, and finish with a special bonus feature that we hope you will enjoy.

Well, we are almost there, and I must say we are quite a resilient bunch. Show of hands: Who thought that building a world-class system for creating economic, social and political freedom would be a cakewalk? Alas, I am sure glad that I didn't take for granted the relative calmness of these last few months, because I now feel at least somewhat mentally prepared for the adult-sized adrenaline booster that BitShares is about to mainline.

Nowadays, it seems that few projects on the planet hold as much promise for our collective evolution as the ones we are developing and supporting here in the BitShares social laboratories. My hat's off to all of you, and may the future bring you the strength and resolve to remain true to your principals when the rising tide of crypto-liquidity finally begins to lift your boat. Until then, remember to spread the word, update your votes often, and understand that I am in no way offering investment advice when I remind you to hurry up and get your hands on some cheap BTS.

Michael Paul Maloney

@CryptoPrometheus



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BONUS
CONTENT
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Time to Start Paying Attention

Delegate: stan.delegate.xeldal

By: Stan Larimer (@Stan)

Things have been quiet for months on at BitSharestalk.org and BitShares.org. Some may have even stopped paying regular attention. If so, you may want to reconsider.

Before we get a chance to tell you all about it in the next edition of this newsletter, we expect to start putting out news releases. At frequent intervals. All summer long.

These news releases will talk about our new technology, new features, new partners, new viral incentives, new blockchain paradigms, new opportunities and unprecedented levels of performance. To make matters easy for you, I'll post links to all these announcements [here](#) In real time.

Rats. Everything else I want to tell you about has not been made public yet.

But the muzzle comes off in June!





Marketing, Proposals and Opportunities

BitShares delegates and community members are spreading the vision of BitShares all around the world. Here's where to look for Marketing delegate updates, delegate proposals, delegate campaigns, IPO and crowdfunding initiatives, contests & promotions, new partnerships and more!

Times, They are a Changin'

Delegates: backbone.riverhead

By: James Reidy (@riverhead)

If there is one thing that can be said about the cryptocurrency space, it is that it is not boring. As I write this, we are on the cusp of a complete overhaul of BitShares. It's been nearly a year since the chain went live and it has been one heck of a ride. The saying "Reality is unconcerned with how you think something works" comes to mind. Some very smart people put together a very complex system that mostly worked. It just goes to show that no battle plan survives the first contact. Now a year later and a year smarter, BitShares is about to be reborn with a stronger sense of direction and purpose.

What does this mean for your friendly neighborhood liquidity provider? I am hoping it puts me out of business! A healthy market does not need people like me. While "peg over profit" is a catchy soundbite, it is the sign of a market that is having trouble bootstrapping itself into efficiency.

To the rescue is a very strong, bloodied, and seasoned development team not afraid to go back to the white board and hash out a better system. They have been heads down and mouths closed for a while now and the whole community is buzzing with anticipation.

In the mean time I have split my efforts to tackle two fronts with different needs. First, the internal market needs to have liquidity around the peg. While this isn't profitable in and of itself, it does help the health of the market as a whole. The delegate marketing.methodx is



diverting 90% of its 100% pay to support this effort with the remaining 10% going to the bitsharesbreakout project. The second front is a for profit service called Metaexchange. Since the automation scripts for the BTC/bitUSD, BTC/bitSILVER, and BTC/bitGOLD pairs are designed for profit and not peg support, no delegate funds are used. Volume has been increasing as more people get in the habit of using the service to fill their daily transaction needs. To this end, the scripts have been revamped to better track the internal market rather than trying to force the external valuations onto the decentralized exchange. This has resulted in prices that are more in line with what people are expecting and also allows the pairs to replenish reserves easier.

While automation efforts continue I, like most of us, am in a holding pattern waiting for the BTS reboot. It is going to be an exciting summer!


DPOShub - Update and Progress Report

Delegate: delegate.dposhub.org

By: Michael Paul Maloney (@CryptoPrometheus)
and Jonathan Baha'i (@DataSecurityNode)

Since last month, Jonathan and I have been working to build a simple, solid, functional and reliable platform for BitShares delegates (which now includes witnesses and workers) to organize, publish, and syndicate their shareholder updates and proposals and thus create a more efficient delivery system for vital shareholder (voter) information. We are also implementing a real time communications network similar to [Slack](#) for all account holders (both delegate and non-delegate), and a message board which will enable users to post classified listings of Meetups, Jobs/Help Wanted, Professional Services, Resumes and more. In essence, the first iteration of DPOShub.org will be a multi-faceted web-based application which will include all of the functionality outlined in *Phase 1* of the delegate proposal section of our [whitepaper](#), along with several bonus features that I've been told I am not allowed to speak about yet :).

We have hired a programmer who will help us to integrate with BitShares 2.0 API so that all DPOShub account holders will have their account names verified by the blockchain. Since there is some ambiguity, not to mention future community discussion that must take




place before DPOS 2.0 is fully ironed out, we are currently engaged in developing the more mundane aspects of the design and layout of DPOShub.org as well as the integration of its various feature sets.

Several community members have offered to assist with this project, and we are having ongoing discussions towards this end. Meanwhile, please consider voting for our delegate delegate.dposhub-org, and stay tuned to our [delegate thread](#) for updates.

Thank you!

BitShares French ConneXion

By: @EstefanTT



Finally the BitShares French ConneXion took its cruising speed despite a few bumps during take-off. Our brand new website is live and available to the public.

We will be in touch with the French community and will keep them up to date about the current situation of BitShares, prices and market cap. We managed to translate old and recent articles into French, the “BitShares 101” book written by Max Wright and we also wrote our own articles for the newbie section. As many of the explanations about BitShares are not written in French, the French community is way behind on BitShares knowledge. And that is what we are trying to correct: helping them to understand how BitShares is built and how it is working. Our audience will thus go from the person who never heard about cryptocurrencies to the ones wanting to increase their knowledge.

How do we share our beliefs and knowledge about BitShares? Well, we built up a nice forum in which they can ask us whatever question they might have. It is growing slowly but surely, and we will make sure that everyone has the answer he was looking for. It will also be a place of sharing: sharing experiences, knowledge, our fears and hopes.

We invite all French speaking persons to come and visit us, to subscribe to our forum and contribute to the development of this community which is not informed enough about this ecosystem.

We also have an international section in our news sections and in our forum as well. BitShares is a community moving forward and we all are in the same place sharing the same goals. We do not want to be a closed place for French talking people but the bridge



between them and the entire community. We are all in this together, and it is together that we are going to change the world!

Visit us at www.bitsharesfcx.com

Face-to-Face Marketing in Germany

Delegate: [martin-38ptswarrior-raum](#)

By: Martin Raum (@38PTSWarrior)

This month I am handing out flyers and introducing BitShares to many different people on the street: Homeless people, gypsies, middle class, punks, company owners, miners, and asylum seekers. I send the people emails and offer to help them with the installation for free.

I had [around 500 unique visitors](#) on my Google site since January:

[Here](#) is my thread where you can see my updates, pictures and so on.

I focus on bitGOLD and mining bitUSD and wear my bitGOLD shirt. I made an A2 size poster which I wear like a bag around the shoulder. My delegate is at position #141 and once elected I will use the income for marketing, charity and my personal life. At the moment I use my own money for everything. One time, forum member Onceuponatime donated money for flyers.

Here is my [delegate proposal](#)!

Thank you for your support and have a great day :-)

MineBitShares – Make History and VOTE for These 6 Delegates!

By: Jonathan Baha'i (@DataSecurityNode)

Delegates:

Minebts1.bunkermining-com

Minebts4.bunkermining-com

Minebts2.bunkermining-com

Minebts5.bunkermining-com

Minebts3.bunkermining-com

Minebts6.bunkermining-com

Delegate Bid Page: <http://vote.bunkermining.com>



Current 100% Delegates Also Contributing:

Minebitshares-reloaded - 100%

Delegate.rgcrypto - 100%

fuzzy.beyondbitcoin - 12%

fund.bitsharesbreakout - 10%

Operator: DataSecuritynode

STL;DR : Vote for our six new Delegates if you would like to see the value of BitShares continue to grow!

Last month, I reported on the handover of MineBitShares from Nethy to Myself. For several months before this, Nethy pioneered MineBitShares to be a mining pool that would take mining earnings and drive them to BTS. Later, when BitUSD was introduced to the pool, Bytemaster subsidized the pool so that bitUSD could be offered with a substantial bonus and created a use case for bitUSD and MineBitShares being a profitable solution for miners everywhere.

The pool started to grow, and plans were formulated to take it to the next level. The subsidy from Bytemaster was coming to an end and so a 100% Delegate was voted in to continue development and maintain the bonuses that made the pool attractive. In the midst of the new delegate being voted in, Nethy had to hand the operation over to someone else due to work constraints. I stepped into the void to make sure it continued to grow to sustainable levels.

RgCrypto, recognizing that MineBitShares had referred more new users to BitShares than any other project, decided to focus all his efforts and attention on contributing to it, including sending 100% of his delegate funds towards it. Fuzzy & Beyondbitcoin also pledged 12% of their delegate income to this project.

VOTE FOR

BunkerMining

minebts1.bunkermining-com minebts4.bunkermining-com
minebts2.bunkermining-com minebts5.bunkermining-com
minebts3.bunkermining-com minebts6.bunkermining-com

VOTING FOR THESE DELEGATES MEANS PROVEN RESULTS

- ✓ Increased Transactions
- ✓ More High Frequency Users
- ✓ Increased Market Capitalization
- ✓ Increased Utility to BitShares & BitAssets
- ✓ Increased Liquidity to BitShares & BitAssets

Turn www.minebitshares.com into the Biggest
MOST Profitable Crypto Mining Operation
WORLDWIDE!

50% of funds go directly into BitAsset Payouts!
50% go to Pool Development for Exponential Growth!

VOTE RIGHT NOW!



Then circumstances changed. While this was all exciting, the reality of the market cap dropping caused our initial plans to fall short. With the rising cost of bitUSD, and the need to pay developers, we were forced to reduce bonus payouts dramatically, and had little to no funds left for the development needed to move the project forward. In addition to all of this, due to the cost of maintaining the pool, I began operating the pool at a personal financial loss. At that time, I provided a Report to everyone on the status of where the project was at, which you can see [here](#).

I had taken the scarce resources available and budgeted them to what could be done with them, but ultimately this meant that the project would move forward at a very slow pace, and possibly falter due to decreased bonus payments which were the very thing that made our emerging pool competitive in the first place.

In the past, there was an interest expressed in seeing more delegates contribute to this project. With DPOS 2.0 around the corner, I realized that any delegate bid at this stage might be subject to change in the near future. However, since we were all uncertain about exactly when this 2.0 system might come about, and since this project was in need of funds right now to continue to grow, I opened a door to the community and asked if anyone would be interested in contributing funds to register some additional delegates.

The response was instant, within 24 hours we had received funds to register 6 delegates! A few days later, I had 6 new 100% Delegates ready to go! The purpose of these delegates will be to provide funds for the continued development of the pool so that we can attract thousands of miners and increase our hashpower, and then we can funnel all these revenues through to BitShares with all payouts being in BitAssets or BTS rather than the industry standard of BTC or LTC.

What this means is that most of the funds that are derived from these delegates are ultimately flowing right back into BitShares, while also bringing with it the rest of the cryptoverse!

This will mean:

- More Transactions
- More Liquidity
- Higher Market Capitalization
- More New BitShares Users
- Further Utility for BitAssets



- Best of All... Innovation!

As I write this, our current position(s) of our delegates are approx. 139th place. I am calling on everyone to vote for these delegates so that we can have the funds necessary to carry this project forward and grow BitShares. When DPOS 2.0 is introduced, I fully expect all these delegate positions to get wrapped up into one, or rather we will likely morph them into a worker proposal for continued funding.

Either way, this project is far too important to BitShares and the entire crypto space for us to allow it to sputter out and not have the chance to grow to levels that could double the current bitAsset volume levels! But we can't do this without your support - Please check out the graphic at the top of this article and cast your vote today!

If you have further questions feel free to contact DataSecurityNode via BitSharesTalk.

Bitscape Media Report

Delegate: media.bitshares.org & provisional.bitshares.org

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

Upon returning to Minnesota from three weeks on our BitShares P2P tour we had a lot to digest and plenty to take care of back home. The remainder of April was largely spent catching up with outside work and family obligations while recuperating from the P2P tour road trip. During this time, roadscape was obliged to travel abroad for work, and bitscape was busy making sure he had enough work to keep the dream alive.

To handle the massive amounts of footage captured on the P2P tour it was necessary for us to acquire some more robust editing equipment. Until we can afford to purchase our own, we are renting what we need for the friendly price of \$100/month. The editing rig is now set up and we're just getting into this treasure trove of footage. You can expect the first nuggets of video to begin emerging in mid June.

Cryptofresh.com saw the addition of two more translations of BitShares 101 (French and Greek), bringing the total count to 6 languages.

In collaboration with BitsharesBreakout, a portion of delegate funds continue to be



earmarked towards the creation of a new series of infographics by Arlene Birt.

Arlene recently released the first series of graphics, and they've already been translated to Mandarin! [You can see the results here!](#)

As a community, as an idea whose time has come, we continue to adapt and co-create at the frontiers of innovation itself. Startups which leverage the power of BitShares are lining up in the wings to make history with the most game changing technology in generations. The development we're seeing across the BitShares ecosystem is truly awe inspiring.

Beyond Bitcoin Mumble Hangouts

Delegate: fuzzy.beyondbitcoin

By: @fuzzy

The past month for Beyond Bitcoin has been interesting. As always, we have focused a great deal on enabling the community to interface with Bytemaster and seek answers to their questions and concerns, but there was much more. Beyond Bitcoin means just that — moving our coverage to the broader world outside of Bitcoin.

Let's face it, the world "Beyond Bitcoin" does not simply mean the world outside of Bitcoin, but it means that our focus is intentionally meant to grow and expand into other realms of significance. In this light, we have really begun focusing on people who are doing other amazing things that will change our current paradigm. Why? Because blockchain technology is most powerful when it is combined with other technologies and driven forward by those with innovative and potentially game-changing ideas.

So for my update this month, I would like to speak a little bit about the inclusion of our new "Bonus Hangout" series. It began with Dan Robles, from the Curiosome project who spoke of a new system that could be used to morph capitalism from a competitive model, where there can only be one winner, to a collaborative model where everyone can share in the uplifting empowerment of winning through emphasis on people as tangibles. Though some people will still become more successful, it does not preclude others from having a level of success in the wake of the winner's victory.

We also were lucky enough to get in touch with Jim Willie of GoldenJackass.com and the "Hat Trick Newsletter". He is passionate about defeating the unprecedented levels of



corruption in our current system and is a library of facts regarding geopolitical and economic realities. His presentation is entertaining despite the often dark and dire news he brings to the discussion, and his record on trends forecasting has been very accurate. This hangout covered many topics and I introduced Jim to the BitShares project and spoke about blockchain technology in passing, with the intention of digging deeper in future hangouts. Within days of this writing, the interview will be added to Jim's homepage for his own visitors. We loved this hangout and look forward to future ones, which very well may be in the cards since Jim and I seem to be kindred souls on many levels.

Look for many more cool interviews as we continue to move forward in our efforts to evangelize about the power of blockchain technology - with special emphasis on those "Powered by BitShares" to empower humanity!

Would you like to join us in our hangouts? Have inquiries? Or maybe even want to be a guest? Please reach out to us at BeyondBitcoin@gmail.com

Ken Code - Marketing and Business Development

Delegate: [delegate.kencode](https://bitshares.org/delegate/kencode)

By: @kenCode

BitShares 101 video translations - Our videos are now being subtitled in Mandarin Chinese, Spanish, Portuguese, French, Indonesian, German and Czech. I am paying 1,000BTS per chapter and per translation, so please PM me (@kenCode) if you can help us with another language (more languages are coming as I find more translators): <https://bitsharestalk.org/index.php/topic,16101.0/all.html>

SEO/SEP for search engine indexing - I have offered my expertise here as well, am awaiting the new bitshares.org website launch as per Dan. The search engines need to know that we exist.

Wikipedia and BTS.wiki websites - I have put my work here on hold for a bit. If the world doesn't even know about BitShares, then spending my time on the Wiki's any more are pointless for me right now. Two of the paid delegates have been assigned to the two Wiki sites. Some of my Wiki work can be verified [here](#).



More Media contacts - I am now closing two other media contacts that expressed an interest in the BitShares story and what we are bringing. A third media contact of mine should have their story published in the next week or so. That story is related to Moonstone. Getting the videos above translated has helped a LOT. The broader our reach, the easier my “pitch” will become.

Social mediums - Every day I am dropping seeds on social sites like twitter, g+, disqus, reddit, etc. I usually educate with my posts about DPOS, my interests in DAC Building and the like. This leads to reader questions, commentary and new users.

Technical Support - I am automatically notified if someone posts a question in the “Technical Support” and “Newbie” areas of the forum. If the question they ask is over my head, I quickly PM a few of the paid delegates to help out. This super fast customer service helps to build our community.

DAC Building - A few of the guys I have met with here in Munich want to start building decentralized companies, secured by the BitShares blockchain. We have 2 DAC’s in the works now. Both of them will bring major investment into our ecosystem. I am in need of a BitShares dev for this too if you’d like the [job](#).

Flyers and Business Cards - I have created open source tri-fold flyers and business cards. The flyers have also been translated into numerous languages. Feel free to use [them](#).

Blockchain-HR - [I have proposed a solution](#) to voter apathy and employee (Worker delegates) accountability. It will require those paid workers to publicly post their job duties and proof of work performed each month. Workers who do not produce are fined and eventually fired automatically. The top performers are rewarded. As BitShares grows, it will become harder and harder to track/prove who is doing what, so if our shareholders can quickly see this info without having to hunt each person down, it’s a win-win for all. This creates a competitive environment amongst the paid “employees” of BitShares.

Factom technology - I have been continuing to skype and email with Factom (Paul, David and Peter specifically) regarding the blockchain data-layer, and now storage of our delegates proposals and data from the Blockchain-HR above. This will ensure accountability and limit fraud. For one example: A person gets voted in based on their original proposal, then changes their proposal and duties they are performing. Now we will have a record of



company with its workers scattered all over the globe without a trusted HR “person“.

Decentralized DNS (DDNS) - Mike Ward from the CoinTelegraph contacted me and I/we are working on bringing in a few other developers to help with this massive project. The DDNS Working Group right now consists of 5 different companies and I am working to get their contributions and [direction](#).

Sales and Whales - I have some contacts that will allow me to bring [SWIFT/SEPA](#) integration with BitShares. That allows over 10,800 financial institutions in 209 countries to work with BitShares' products.

BitShares Munich - I purchased and am building a locals website, one place where the 187,000+ businesses here and 2 Million+ adult populace can come with their crypto questions. I am less than 30 minutes away when they ask to visit with me in person. A.B.C. = Always Be Closing. My **20+ years** of experience as a business builder pays off here.

Meetups - I purchased a Meetup account and recently started a monthly meetup group, held two of them so far and the number of people that show up are too many for the venue to handle. I increased the frequency of our meetups to every other week. Once Moonstone is released, laptops won't be required anymore and I can sign-up every newcomer at each meetup and get them funded that moment, earning some Yield, etc.

I am running for Delegate. If you feel my work here has value,
I would greatly appreciate your Vote of support. Please and Thank You!

Open Wallet > Advanced > Console > [approve delegate.kencode true](#)



A Low Cost BitShares ATM The Next Phase of MassCrypto-Adoption

By: Alec Hahn (@bitcoin42)

We plan to develop, produce, and distribute a low cost, lightweight and open source bidirectional ATM terminal/kiosk powered by Bitshares.

Here are some of the highlights:

Bidirectional: Basically this means that our ATMs will allow customers to both deposit and withdraw funds from their BitShares accounts. The most convenient way to do this is with “Bank Note Recyclers” (BNR), which have a small footprint and can lower operational costs. There are several companies in the BNR business, and it is likely that this will be the only closed source part of the project. Currently Meigroup BNR’s are being considered, since they manufacture in Mexico, where we are currently located.

Low Cost: This will be achieved primarily through transparency (open source software and [hardware](#)) and small profit margins that can be sustained by harnessing the effectiveness of BitShares (we will elaborate on this later). Additionally, we will seek to provide customers several assembly options for our machines. For example, we might provide instructions on how a customer might individually order the parts and build the machine themselves, in addition to offering assembled and unassembled versions from our manufacturing partners around the world.

Small Footprint, Lightweight, and Sustainable: The largest and heaviest part of the ATM will be the previously mentioned BNR, which will mainly determine the size and weight of the machine. We are also looking into different ARM micro-controllers, for example the [OLinXino](#) combined with a camera and LCD touchscreen. To achieve sustainability, we will attempt to use as few parts as possible from as many local sources as possible. Furthermore, the design of the shell/chassis will allow it to be built out of different materials. We prefer “cradle to cradle” and “upcycling” principles, opposed to “recycling” principles.

BitShares: We believe BitShares is the most effective blockchain for the type of network we want to build. This Infographic explains the benefits quite clearly. One of the primary advantages of using BitShares is that transaction fees can potentially be redistributed back to the ATM network operators and maintainers via BitShares’ delegate and decentralized



market system, as well as their soon to be released referral program. If you go to any Bitcoin or Crypto-Coin ATM today, you pay outrageous premiums up to 30% over spot price. The economics of BitShares will allow our ATM operators to be quite profitable while keeping their fees more in line with traditional fiat currency ATMs.

How do we get there?

This project is a matter of innovation through combination. The Bitcoin42 Team and its associates have connections, resources, and experiences to tie everything together. To accelerate and leverage what we have, and to bring mass crypto-adoption into reality, we will need help from grassroots efforts, community collaboration, and various crowdfunding initiatives.

In the next weeks and months we will publish a road map, and an action and budget plan. The Bitsharestalk forum will serve as a continuous, collaborative development discussion group or “open think tank”. Moreover, the project itself will be hosted and maintained on Github. Eventually, we will make use of the soon to be released BitShares workers, delegates, and referral system and also [Gemspace](#) for crowdfunding/IPO purposes.

Stay tuned. Looking forward to receiving constructive inputs and outputs :).

<https://bitsharestalk.org/index.php?topic=16490.0>

<http://www.agescota.com/linux/>

<http://examples.digi.com/sensors/counting-money-with-a-coin-acceptor/>

<http://freesourcecode.net/javaprojects/74433/Bank-software-with-atm-in-java#.VV2zt6jZU5F>

<https://github.com/lamassu>

<https://github.com/projectskyhook/skyhook>

<http://www.gemspace.net/>

http://www.meigroup.com/global/americas/transport/transport_products/bill_acceptors/mei-banknote-recycler-bnr/

http://www.meigroup.com/usa/vending/vending_products/bill_acceptors/mei_cashflow_series_2000/

<https://openbitcoinatm.wordpress.com>

<http://www.oshwa.org/definition/>

<http://opensourceeconomy.org>

<https://www.olimex.com/Products/OLinXino/open-source-hardware>



DacX on International Channel Shanghai

@bitsharesmarket

www.bitsharesblog.com

The crowdfunding company DACx is using the BitShares decentralized exchange to offer investors the opportunity to trade various United States based stocks as User Issued Assets on the BitShares blockchain.

[Check out the video](#)

BTSfair

By: @55

Hello, I'm @55 on bitsharestalk.org, and we are developing a program called BTSfair, a p2p bitAssets tradeform which will released next month. Thanks for your attention!

[Here is our white paper](#)

BitShares listed on mapofcoins.com

By: @brainbug

As of May 20th, Bitshares is listed under <http://mapofcoins.com/technologies>.

Btw, it was a very pleasant email contact :)



Software Development Updates

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

Vikram Rajkumar

Delegate: [developer.vikram](#)

@vikram

Since the last newsletter update, I have continued maintaining the core blockchain and wallet code as well as providing community technical support whenever possible. For the foreseeable future, I am helping to plan and develop the next major upgrade to BitShares and helping prepare for the next series of new BitShares announcements.

Valentine Zavgorodnev

Delegate: [developer.vikram](#)

@valzav

This month I was fixing bugs in the current version, I issued 2 new GUI updates and most of the time I've been working on a new and improved version of the web wallet.

James Calfee

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

@jcalfee1

I have been Providing support and upgrades for <https://wallet.bitshares.org>



As for BitShares 2.0:

- JavaScript serialization is re-factored and simplified. We can automate the task of teaching JavaScript how to serialize all transactions supported on the network.
- I have made Improvements in the memo encryption algorithm
- Transaction and API unit testing
- White paper reviews

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

BTSBOTS, Python-bts, Push service, and Transwiser.com

@alt

1. I have run a push service for community, and I have published some data about wallet market, including place order, order book, exchange history. Push Service: [link](#)
2. I have redesigned the UI of btsbots.com! It's much better now.
3. I have added a [wallet market](#) and you can see the order book and history in real time.
4. I have written a python module named python-bts. This is the basic api for BTS, with many automatic test cases. I have also rewritten some scripts based in this api:

bts_delegate_task.py this is a script for delegates, which runs some generate tasks, like publish feed automatically (rewritten with a new logic, much better than before), as well as withdraw pay automatically.

bts_delegate_watch.py - this is a script to watch which delegate has missed blocks, and send a notification email.

bts_get_market_trx.py - run this script and you can get all trx about market, including: place new order, cancel order, etc.

You can install with the command: `pip install bts`

Source code at [github](#)

[More details](#)

5. www.transwiser.com, I helped bitcrab to set up a USD gateway for Ripple and BTS, which will be coming soon!



Peter Conrad

Delegate: [@dev-pc.bitcube](https://dev-pc.bitcube)

@pc

Due to the huge amount of changes “behind the scenes” I’m now working in much closer contact with the core team. Right now I’m getting up to speed on the new code. The plan is that I’ll be working on the unit test suite, general testing and reviewing code and documentation.

From what I’ve seen so far I can say that I am really very much impressed.
There are exciting times ahead of us!

Please continue voting for my delegate: [@dev-pc.bitcube](https://dev-pc.bitcube) - thanks!

Metaexchange Updates

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

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

At the moment we are working on the tools to let our users place limit orders. This will let people use Metaexchange similar to a “normal” exchange without the need to register. Later on, we can easily expand to other coins like Litecoin etc., and this will help to close the gaps between BitShares and other crypto-communities in the future.

On this picture you can see how it will look:

With the Update to 0.9.0, metaexchange.info now supports using BitShares public keys as well as account names, so those with unregistered accounts can use our service too!

We are proud that we could pay @svk from bitsharesblocks.com the first fees he collected with bitsharesblocks. So if you like his and our project you can transfer your Shares directly on his side, so he will get his share. **Thanks for your support!**

The screenshot shows the Metaexchange website interface. At the top, there's a navigation bar with 'metaexchange', 'Markets', 'Api', and 'Faq'. Below this, there are two main sections: 'Buy BTS' and 'Sell BTS'. Each section has a form for placing orders, including fields for 'Your refund address', 'Your BTC address', and 'Your BTS account'. There are also 'Submit' buttons. Below the order forms, there are two tables: 'Bids' and 'Asks'. The 'Bids' table shows the current best bid and other bids, while the 'Asks' table shows the current best ask and other asks. The tables have columns for Price (BTC), Amount (BTS), Sum (BTC), and Depth.

Price (BTC)	Amount (BTS)	Sum (BTC)	Depth
0.00001100	7.27272727	0.00008000	
0.00001000	7.00000000	0.00015000	
0.00000900	8.88888889	0.00023000	
0.00000800	10.00000000	0.00031000	
0.00000700	11.42857143	0.00039000	

Depth	Sum (BTC)	Amount (BTS)	Price (BTC)
	0.00002000	1.00000000	0.00002000
	0.00005000	1.00000000	0.00003000
	0.00009000	1.00000000	0.00004000
	0.00014000	1.00000000	0.00005000
	0.00020000	1.00000000	0.00006000



Editorials

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



Movement in the Motor City

By: Robert Konsdorf (@robrigo)

Change is in the air! Can you sense it? Constants are changing. Intuitions are being challenged. Institutions are being challenged! Word is getting out. Peer-to-peer, censorship-resistant block-chain based networks sparked by Satoshi's Bitcoin are proving resilient. This ember has evolved into a much hotter coal, manifested on second generation block-chain networks, like BitShares, as creative solutions are divined to allow the network and the actions of its participants to be self-sustainable, highly performant, sufficiently scalable, and unmanipulatable.

Word around town is that people will have new opportunities available to them by using the blockchain technologies. DACs are creating new jobs by hiring workers. They are enabling a new breed of VC opportunity. Innovative new business models leveraging BitShares technology abound. PeerTracks is one such business, seeking to shake up the music streaming model by providing the artist with direct access to more of their sales revenue, and allowing them to share their success with their biggest fans. Looking around Detroit, the seeds of success are planted for a platform such as PeerTracks. Many independent musicians are starting up, looking for any edge, seeking ways to get their music out there and gain fans. Some have already made it their own way, and their fierce independence is conveyed even within their sound. These artists will reach more people with their musings by leveraging a democratized service such as PeerTracks, empowering them be their own label and crowdsource promoters.

Telling these local artists of the coming opportunity is one of my goals. The week of this journal's release happens to be one of the biggest music weeks of the year in Detroit. The Movement festival is happening, bringing over 100,000 dedicated artists and fans from all across the globe. PeerTracks will have a subtle presence in town, in the form of 4x6 cards that explain the benefits of using PeerTracks from both the artist and fan perspective.



These will be strategically dropped at venues, cafes, and locations around the festival. Getting artists on board and excited about the potential will give PeerTracks a boost in the competition when it launches to the public.

Who can argue with incentives like that?

High quality images of the 4x6 can be found in this [zip](#).



Infographics BitShares 101

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