



# Crypto Storm!!

forecasts for November - December 2017

*an Asymmetric Linguistic Trends Analysis Intelligence Report*

*from Halfpasthuman.com*

*bare naked Wealth! #8*

by cliff high

copyright 2017 all rights reserved, claims for invention and labor

## Notes to Readers:

This is the period of the 'hyperinflation' language that has been forecast in the ALTA reports, and the previous bare naked Wealth report. Not all of the alt coins are showing in our data sets as surviving through the period of hyperinflation, which is also not clearly defined in its extent, but does show as continuing through into Fall (northern hemisphere).

Those alt coins (and others) listed are not guaranteed to survive this period, though many will. Those coins discussed herein met the requirement of having both minimum levels of linguistic support in terms of data sets, as well as having enough identified temporal markers to be able to provide the sophisticated speculator with some small, linguistic guidance to potential activities within the trading of these vehicles.

Again note that we are linguistically within a period defined as 'hyperinflationary'. This means that inherently risks are masked, or hidden by large capital inflows, but they still exist, and if anything are magnified.

**Trade on the information within this report at your own risk.**

***WARNING! Danger Will Robinson! Stop now. Go back up and read again!***

## The Flow~

In this section is discussed the general emotional tone flow through the periods indicated. The data reported on within this section is subject to the error ranges indicated in the addendum to this document, next to last page. Trading against these dates is a risk for which the reader assumes responsibility. Temporal markers as may be discovered are discussed here.

**Note on crypto meta markets movements:**

***Note on dates: there are dates provided within this report that are to the level of granularity that the data types allow. Please note that these are ALL assumed to be within the minimum error range of 1M data or 3+ days.***

**Trade with dates from this report as targets at your own risk.**

## **- beginning of woo-woo -**

### **Meta Data ~ Crazy Shit Arriving**

At a meta data level, the accretion patterns are filling sets in a larger, more broadly distributed fashion than has been seen since we encountered the 'context change' period in 2005. At that time the data had been forecasting the subsequent emergence of the 'undocumented workers' as a 'mass movement' within USAPop. In the months ahead of the breakout of the undocumented worker movement, the patterns in modelspace then are similar to what is accruing currently. The data sets now are not restricted to USAPop, and the broad filling of the aspect/attribute sets at the details level is very much global, although only in the sense of being within the populations of the 'western republics' such as EU, AustraliaPop, CanadaPop, some of the South American republics, and the UK and its Common Wealth countries

The data accretion patterns are bringing in new data faster, and to deeper layers within all of the 'money' focused sets at a much faster rate than other sets. The 'money' sets also include 'economic' linguistic sets, as well as 'power politics' sets.

The data accretion patterns, taken as a whole, including the deep, and broad 'money' sets fill rates, all have a boost in new supporting sets rush into modelspace as it is progressed from November 18 through the 21<sup>st</sup>. These patterns are not only rushing in at a rising pace, but are also bringing in very deep chains of supporting sets. This part of the pattern is new behavior.

When these new sets are examined at a meta data level, that is to say, at the 'headline' level, rather than the details of the sets, the impression instantly forms of a 'crazy shit wave'. The 'crazy shit' is so characterized as the spread of new data types is very wide, the depth in all the sets is deeper than our usual processing delivers, and the types of linguistic structures (at the headline level) are within 'extra normal' data types. The 'extra normal', or 'beyond usual' types of the data sets, coupled with the very many supporting sub sets in directly held interlinked chains, is pointing toward the in rushing 'shock of the new' that we have seen in previous ALTA reports over the years, although to an extent never before seen.

The 'crazy shit wave' arriving on or near the 18<sup>th</sup>, comes in and crests by the 21<sup>st</sup>, seemingly leaving modelspace in a digestive mode for the following week. Then another crest, albeit smaller arrives, followed by yet more digestion of the strangeness, and then a third such, much smaller cresting way of the 'shocking new' comes in prior to the Winter solstice on December 21.

Modelspace indicates that the 'crazy shit arriving' will have impacts on all things 'money', 'economy', 'economic politics' and related sets, including 'markets' of all kinds. These sets are accruing new supporting sets that are clearly due to the 'shocking new crazy shit happening in world' having a direct impact on the 'foundations' and 'flows' of the 'markets'. The 'market' sets also include 'cryptocurrencies'. We can expect large amounts of 'new FUD (Fear Uncertainty Doubt)' being sprayed out upon the spew of the net as the 'real world' events surface with 'surprising weight', and 'extreme depth'.

Some of the 'spiking' behavior in the cryptocurrencies markets is forecast as being attributable to these 'crazy shit shocks' moving across the 'social order'. These impacts within the cryptocurrencies space are, at a meta data level, showing up as temporal markers for 'spikes' in the 'fiat 2 coin' values for many of the Alt coins/tokens. It will be tempting to place 'reasons' for the spike hitting certain Alts and not

others upon the 'headlines' appearing within these waves of 'crazy shit slapping population across the face', however, the data is also indicating that these 'spikes' will really be reacting to the 'emotional impacts' generated by the 'shock' part of the news, not the 'content'.

Much of the new 'crazy shit wave' accretion pattern is built of data sets that are within the meta data layer of 'secrets revealed'. These accretion patterns continue as modelspace is progressed into 2018 and out to the end of February. These accretion patterns continue with the same 'crazy shit wave' through that period, though it is worth noting that the primary emotional impact affecting the social order and the markets is distinctly over late November and through December. It would seem probable that the 'crazy shit wave' continuing will allow the population to become accustomed to the new level of 'crazy' that will be manifesting, and thus the impacts lessen their emotional levels, and duration as we move forward into 2018. Basically we all reset our 'crazy meters' to accommodate the higher level within the spew.

One last pattern of note is that the crazy shit waves are all referencing 'long buried', and 'deeply hidden' aspects of the 'secrets revealed' meta data layer. This pattern continues into 2018 with strength, and would seem to be a dominating theme over at least the first half of the new year.

To sum up, long held, deeply buried, secrets are going to be exposed over the next eight months such that the global (mostly western republics) mindset (paradigm) is going to be reset at significant levels allowing major changes to manifest in the larger social order patterns producing alterations that will be still affecting humanity a decade later.

Our data sets have the current 'turmoil (at the top of) empire' being a process that will engage us all for the next 2/two years (more or less) in an 'active' sense, which is to say with 'arrests', 'drama', 'deaths', 'betrayal', 'revenge', 'chaos (seemingly)', and many other emotionally laden linguistic structures being forecast to manifest across media during these very intense months.

As a central theme within our data sets about these upcoming (nearly) 2/two years, revolves around a 'mind breaking' or 'mental breakdown' process as many people within the 'mainstream' of USAPop attempt to 'integrate' the very 'disturbing' information that will be first 'bubbling up (like champagne when initially the bottle is opened)', then 'gushing up', and then 'pouring out' in 'steady streams'. The good news for the many people who will be so 'affected internally' that their 'internal world view' will be 'shattered', is that the period of the 'outpouring' is within the 'early months' of this time. As modelspace is progressed forward through the last month of 2017 and into 2018, the 'destruction' of the 'false image (of USAPop) reality' is indicated to be 'assaulted (from without)' while 'crumbling (from within)'. The sets involved with the 'breakdowns (of) officialdom paradigm' are extensively cross linked over to the entirety of CryptoSpace. The impacts forecast from this linkage is in support of the idea of a 'great awakening' that is described as 'running through' USAPop (and the dollar tied western republics) over this next year, that, as part of its 'symptoms' will bring about an 'increase', 'ratcheting up', 'escalating' of the 'public viewing of national finances'. This, in its turn, will not be good for the 'dollar based empire paradigm'.

## **November**

The data sets for 'harmonious (more or less) communications' within 'markets' and related to

'governments' and 'governance' are gaining many supporting sets for 'magnification (amplification/enlargements)' although almost all of these sets are also containing, 'hidden', 'power', and 'motion'. Many of these sets, within their 'markets' and 'cryptocurrency' sub sets including 'movement' as in 'relocation', 'starting anew', 'bearing away', 'shifting position', and 'moving (the) base'. These and many other sets of similar language are within the larger set of 'cryptocurrency'.

The many supporting sub sets of 'cryptocurrency' include unions with sets of the general population, labeled in our modelspace as POP. When these unions are examined, the resulting sets are dominated by 'education'. This primary supporting sub set of 'education' is all about the 'population' becoming 'self educating' about 'cryptocurrency' over November such that the forecast language is all about the 'hesitant many'. In this descriptor set (hesitant many) which is the dominating union of POP and cryptocurrency sets, the interpretation is for a 'burgeoning (self-directed) (revolutionary) wave' of 'education (non-institutional)' that will focus on 'all things cryptocurrency' becoming 'visible' within 'mainstream media (deep state controlled paradigmists)' over the month of November. Such forecast symptoms of this rise in 'visibility' across the 'corporation controlled media outlets' to the 'self-education wave' into 'cryptocurrencies' includes language about 'locally organized classes' at 'community centers', and 'gyms', and 'theaters', as well as 'shockingly high (sales numbers)' for 'cryptocurrencies books (media)'. These sets also include 'phone' based webinars on 'cryptocurrencies' as well as 'cryptocurrency investments' being cited in the 'press (mainstream media propagandists)'. These indicators within the mainstream media across the month can be taken as an early temporal marker for the cryptocurrencies breakout phase (crossing the chasm) from the 'innovator class' into the 'early adopter' class of 'awareness'. This will take (in my opinion) cryptocurrencies from the 1 through 3 percent cohort into the 4 through 12 percent cohort of the general population.

The new data sets accruing within modelspace that begin their spans in November are clustering around 'problems', and 'facts', and 'negative', and 'formula', and 'companies' all of which are within the cryptocurrencies space, and all of which are supported by sub sets in 'ICO', and 'market behavior'. Within these sets we have conjunctions of all of these sets with 'bias', and 'hunt'. These sets include further supporting sets for 'power dynamic' involving the 'degradation' of the 'mass (broad cast) media'. While the data has the (mainstream) media still retaining significant revenue streams, the data shows that several of the 'larger media (propagandists) outlets', being 'pilloried' due to their 'underhanded', and 'dirty dealing' with regards to 'ICO' and specific companies that will come to be discovered as being 'targeted'. Stated another way for clarity, modelspace has new data sets forecasting a 'scandal' within the ICO world that is described as 'originating' and 'returning (to)' the 'mainstream media' as the 'media (outlets)' themselves will be 'outed' as 'attempting (to) manipulate' the ICO markets.

Modelspace has new growth for sets showing 'image destruction' being forecast for the '(financial) media' as their 'prejudice', and 'lies' reaches a level of 'threshold' that is described as 'provoking (self-directed/self-organizing) blow back'. The 'corporations' are forecast to have to put 'time and money' into both 'defense' against 'charges (truth)', and 'protecting' against 'constant', and 'continuing mistakes'. These 'mistake' sets are describing a serious run of 'foot in mouth' disease for the (western republics) 'financial media' as the 'rising tide (into cryptocurrencies)' becomes 'too open to ignore'.

There are many supporting sets for the 'media' being at a point of 'systemic crisis'. The largest sets within the supporting base for media are showing that 'digging', and 'research' are going to be 'constant problems' for the 'media' over the next year, with several large bumps in the general churn level

occurring over late December (echo to November issues), and then again in early March, 2018. Each of these episodes is also temporally connected to significant price movements within ICO markets and cryptocurrencies in general.

The data seems to be suggesting that the FUD generating media will wane in its impact by the end of March. There are also conceptually linked sets going to the idea that the FUD will be temporally linked to rising price movement in the 'majors' (aka BTC, ETH, LTC et cetera).

There are a number of new sets for 'rising complexity' becoming a 'discussion meme' as many new offerings within CryptoSpace will be 'cited' as 'too complex' and 'difficult to learn/use'. These sets are in the supporting sub sets for the previous discussed 'self-directed education wave'. These sets are also contain forecasts for a 'bursting out' of the 'education sector' within CryptoSpace. Basically a 'slew', a 'plethora', a 'rushing wave' of 'books', 'cds', and 'videos', and 'conferences' will be 'making themselves known (publicity)' as we move into the latter half of November. However, note that the 'education wave' is going to continue for years, and the data is clearly showing that the 'education sector' will also grow for years.

Within the CryptoSpace in modelspace, and within the social order, aka 'reality', there are very large movements of what can be termed 'secrets revealed'. Not merely at a political level, as is manifesting across many nations these days, but also within the 'sectors' including 'markets', and 'cryptocurrencies', the 'secrets revealed' meme is showing as rising to dominance for the next half of a year.

Within the CryptoSpace sets, the 'secrets revealed' have many sub sets with a diverse range from 'frauds' to 'misdirection'. The latter set is actually the larger, and contains interesting sub sets for such things as 'misdirection (by) banks (as they) try to capture (cryptocurrencies) markets'. These sets include new 'secrets revealed' to be emerging in November that will be going to the idea of 'FUD teams' and 'FUD contracts' that will be 'tied around (the) banks necks'. Some of these 'FUD teams' sub sets are also cross linked back to USAPOP sub sets for '(political) secrets revealed'. This linking back to the 'political scandals' that are emerging is described as coming from a 'tangential (revelation) discovery'.

Many of the new sets for the large meta data set of 'secrets revealed' also have 'magnification' as a primary supporting sub set. The 'magnification' set has a diverse range of sub sets including 'putting a magnifying glass upon', and 'magnification (of) old crimes (in) current view'.

Other sub sets of 'magnification' include sets around 'cults', that include 'growth (of new ones)' breaking out into media (secrets revealed), as well as 'death (of) old cults'. There are very large sets within the 'death of cults' that are forecasting a very 'shocking' secrets revealed episode that will involve a major christian church. The stumbling point is reached with this church over 'money'. As the 'death' and 'dissolution' of the church progresses, the data indicates many 'spin off scandals' will be emerging over 2018 as the 'personalities involved' bring their 'particular destinies' into the drama. These myriad of scandals are indicated to affect markets both legacy, and cryptocurrencies. These scandals and 'revelations' are accruing with increasing volume as modelspace is moved from mid November through into mid 2018.

As sometimes occurs in our data processing, several flavors of a meme have developed across the breadth of modelspace. These flavors are around the aspect/attribute of 'breakdown', and 'destruction'. Another way to look at the data would be described as having 'breakdown' and 'destruction' as supporting sub sets at the same level across many major context sets. So as an instance, we have

'breakdown' as the dominating sub set for 'governance' and within each of its sub sets down to the level of individual countries. The combination of 'magnification', and 'breakdown', especially within 'governance' is probably not a good sign.

Within the 'breakdown' and 'destruction' sets, we find that 'magnification' is also present, and growing as modelspace is moved through mid November, all of December, and into January. Within these union sets for 'governance', 'breakdown', 'magnification', and 'secrets revealed', there are detail sets painting a picture of the vast political landscape of humanity to be 'in turmoil'. However we note that the intensity values rise at shocking rates within USAPop, CanadaPop, UKPop, AustraliaPop, and EUPop.

The intensity value jump for 'breakdown' conjunctions with sets for specific governments ranges from merely 25% higher in the case of CanadaPop, to levels that are 2/two or greater times in the case of EUPop and USAPop. In both of these latter sets the cross links into sets relating to the cryptocurrencies markets includes jumps in magnitude of intensity values that are at those levels or higher. One way to characterize the view of modelspace from this perspective is that as the 'political infrastructure' undergoes 'flaming breakdowns', the 'cryptocurrencies realm' will be offering both 'optimism' and 'release' from the 'negative stresses (within the) larger social order'. These sets are both cross tied to, and reinforcing of the sets about a 'giant self-directed education wave' coming for CryptoSpace.

Other sets are emphasizing the mid month (really from the 13<sup>th</sup>) as being a 'breakout' into 'public awareness' of the 'deep secrets' such that 'change (will be viewed)' as 'inevitable'. These sets are further forecasting that the 'change' to be 'viewed (in the) open' will bring about a particular 'emotional wave' specifically rolling across the USAPop. This is indicated to be very significant for CryptoSpace, although not on that date.

To be clear, the data sets are forecasting that 'secrets revealed' are about to create the 'emotional bursting out' of a 'new paradigm view' of both recent, and far distant, past events, which will, in its turn, provide the last bit of energy necessary to 'shift' the thinking of very large segments of USAPop. These 'mental shifts' are described as being 'rapid', although the results are forecast to not even really begin to show until about 3/three weeks later. To be clear, there will be nearly instant reactions that are described as 'leaving residue' that will last for decades, however the 'results' which are described as 'deliberate changes in behavior' are not forecast to begin appearing at any noticeable level until nearly 3/three weeks after the 'rapid paradigm shift'.

So, to muddy up the thinking, let us consider that the data is describing a USAPop already under 'daily (mental/emotional) assault' that is going to 'receive' a 'secrets revealed' of such 'magnitude' as to 'magnify' the 'rising emotions' past a 'critical level'. The data sets have painted a picture at the detail level of a 'magical (surreal)' aspect developing and being discussed from the 'national emotional mood'. Some of the responses are going to be predicable as people react to 'shock', and 'new revelations' that 'destroy (barriers)' to 'hidden knowledge'. The reactions forecast include 'shock', and lots and lots of 'denial', even to the point that 'media' will be bringing out stories of 'mental breakdowns'. There are sets going to the idea that at some point in the future, studies of the 'economic impact' of the 'secrets revealed' episode will be coming out describing the effects on 'health care', 'policing', and 'business (in general)'. Some supporting sets of the 'shock' sub sets include references or cross links over to 'Vietnam war', and other 1960's, and 1970s events. These are apparently to resurface with such a new 'face' on them as to 'revive' the subjects for 'national re-examination' over the next 2/two years.

These 'national mood shift' sets are directly supporting the 'cryptocurrencies' sets at several different levels. At the highest level, there are sets of very long term data types which are forecasting the 'movement' of the 'masses' into CryptoSpace beginning over 2018 with the first 'spring flush' of 'new blood' in large numbers flowing into cryptocurrencies. At the shorter term data type level there are sets for a 'winter' for USA Pop in which 'national governance breakdowns' will be 'forcing' residents to 'examine alternatives' for 'future (economic) survival'. At the immediacy data level the forecast is for 'blockchain apps' and 'blockchain ICOs' to be 'breaking out' into the 'public awareness' as many of the new companies begin launching new products. The data sets have 'blockchain successes' also ramping up in late February of 2018 as part of the background to the 'inward rush' of new people into the space.

Many of the sets indicating that a 'larger', more 'massive' level of adoption of the cryptocurrencies by the population is beginning are related to the 'deep secrets revealed' meta data layers expressing within modelspace as we move it from November through to the end of February (extent of easily definable 'shorter term values'). Many of these sets are bringing up both 'crimes' (of a horrific nature), and 'bad management (broken concepts)' as driving forces at emotional levels. Many of the 'broken concepts' sets are suggesting that 'young people' (mostly teenagers through to mid twenties) will be the most affected cohorts by the 'malfunctioning systems (related to US dollar and global financial management by officialdom)'. The data sets are forecasting that 'cryptocurrencies' will be the beneficiary of new 'grouping behavior' in which the 'young people' in their 'discussion groups (personal networks)' begin to move from 'talking about (the dysfunction of the current global economic/political system)' to 'actively leaving (abandoning) it'. These sets are also cross linked in supporting positions over to the 'self-directed education' sets, and also are bringing in new descriptors for 'groups' of young people who will be approaching cryptocurrencies as a 'self-directed collective'. The data would have there be a rising wave of such groups to the point that the phenomenon is recognized and discussion of it takes place across much of the media around the vernal equinox in March.

Much of the 'buried treasures (of knowledge)' are also bringing along the idea of 'scandals' that will be going on for a number of years in terms of their effects.

## **December**

As modelspace is progressed out of the very interesting last half of November and into December, there are several additional 'spikes' in areas around 'conflicts', and 'explorations'. The spikes in new data in these descriptors include details around yet more 'crap coins' falling out of CryptoSpace, as well as 'internal conflicts' within already launched companies that are forecast to be 'emerging' into the cryptocurrencies news circuits. These internal conflicts stories are part of the larger, wider, meme of 'companies going kaput' due not to 'technology', but to 'arguments' about technology. It's all so human, as the first half of December will apparently be bringing to the foreground. Other sets are suggesting that the 'conflicts' will include many where 'lawyers' are mixing in, and this gets to 'muddying the water' for a few technology start ups. These sets are not indicated as large scale market movers, yet there are sub sets for very large movements out of some of the affected companies' coins, and into other cryptocurrencies. There are also forecasts from these sets that as companies in this space go totally dysfunctional, there will be 'rumors', as well as 'announcements' of some of the 'talent' being hired by 'major global corporations'.

A number of the sets that accrue to modelspace over November continue to grow over December, and



in some cases, more rapidly than first seen. Many of these new supporting sets are bringing in yet more 'contention', but also more 'choices' or 'avenues' of approach. These sets include 'clearing the air', and '(public) confrontation' that will be 'leading to openly acknowledging realities (material developments)'. Yet more data in these supporting sets for 'crazy developments' in November (from about 17<sup>th</sup>) that will 'still be echoing' across much or most of December. These 'residual effects' are indicated to be primary supporting temporal markers for movements within all the markets including cryptocurrencies, but also including metals, and equities.

The characterization of the data for December at a macro level is that the month will, within CryptoSpace, be all about the 'build out'. The data has 'troubles', but also 'longevity', 'sustainability', 'building (out)', 'endurance', 'solidity (no, not the language)', 'material reality', 'restriction (of) boundaries', 're-drawing (the) design', 'persistence', and 'appropriate construction'. Further new growth in supporting sets include 'deployment', and 'production (systems)' gaining new press, even into legacy media (mainstream) as blockchain products move out into the markets.

## CryptoSpace

CryptoSpace is divided into many sub sectors. This section discusses the general trends showing up for the sub sector within our modelspace.

### Sub Spaces

The following are discussions about larger sub spaces within CryptoSpace that have new growth in data sets applicable to more than a single token or coin. These discussions will include references to specific coins, tokens, and projects as they are discovered within the data.

### Advertising

Yet more data sets accruing for the advertising sub sets within CryptoSpace are continuing to paint a picture of 'global (more or less, mostly western republics) internet advertising' becoming 'storm tossed', or 'unraveled', or 'crashing (in measured effectiveness)'. These sets continue to pile up in support of 'major corporations' with 'giant advertising budgets' going off in 'badger mode (angrily digging holes)' away from ("traditional") internet advertising models' as 'failures (are) reported' in the 'mega-spends (on) advertising'. These data sets are suggesting that 'end of year' (annual financial year) reporting is going to be 'delivering (electrical) shocks' to the 'share holders' as 'advertising programs', reasonably effective in the recent past, are described as 'producing zilch (nada, nothing)' except 'troubles' for 'mangers', 'artists', and 'board members'. The data is providing a picture of 'many corporation meetings' in which 'screaming (storms)' are prevalent as 'blame dumps' take place as attempts to 'save face' become the 'drama of the day'.

As the 'annual accounting parade' proceeds through '(corporation) business world', the data has

descriptors for 'shit storm', 'heaping', 'piling (upon)', 'burying' of the 'advertising groups (departments)' becoming 'something legendary'. This last is supported by language forecasting a 'remembrance' meme in future years that runs something like “this is nothing! Fred, you remember the shit storm that advertising got in 2017!” While mostly an ignored component of business, the data has the 'storm' within 'traditional advertising model' becoming a 'center (of) corporate drama' over the end of 2017 to such an extent that 'articles' will be appearing that will detail some of the 'tensions', and 'bad language' being 'leaked' from 'board rooms'. Yet more language about 'firings', and 'cutting (budgets) with a sword', and 'public (verbal) impaling' accrues to the context as modelspace is moved through December and into January. It is in such an environment that the many 'blockchain (based) advertising models' are appearing.

Our data sets have new sets for 'shining', 'star like (stellar)', 'glowing' and other similar language all in support of 'self (selecting) advertising model' within the 'blockchain' sub sets. These sets are further supported by descriptors bringing out 'success' as being '(internationally) lauded' within the 'blockchain advertising' space as modelspace is moved into April, 2018.

The progress of the new data sets as modelspace is moved forward into next year includes new growth for 'innovative', and 'engaging', and 'fulfilling', and other language in support of the 'new advertising model'. A key sub set for these sets is headed by descriptors for 'retention', and 'attention'. The data sets have the 'advertising method' being successful, even in 'early tests', due to the 'attention (focus)' aspect.

As may be expected, the 'new advertising model successful' language is very very good for CryptoSpace.

## **Gateways**

Payment gateways are maintaining steady growth in new supporting sets for 'transition' and 'governance' with sub sets of 'fees', 'taxes', 'payments', and to a minor extent, 'payroll'. The data sets have 'payroll' being the emotional boost for the set as a whole. Gateways as a linguistic structure gains new values from descriptors that include 'cross border (payments)'. Some of these sets are cross linked over to 'atomic chain swaps'. Lots of new language about 'payments', including 'trials' and 'tests' of 'new transportation (ticket kiosks)' are appearing (ChinaPop based) that are going to 'record numbers (of successful sales)' being 'processed through' blockchain based 'payment gateways'.

## **IOT**

IOT dependency issues for coins seems to be the order of the day. There have recently been several new ICO's that are proffering technologies that are dependent upon an effectively running IOT. This sector has so many new levels emerging that the very big push for new products may well be the cause of early crashes, both of the concepts, and the network (IOT), and the coins attached to them. There are many potential vulnerabilities that will be born from IOT across a wide range of blockchain enabled products pushing forward the question of vulnerabilities to blockchains just due to the growing success of IOT.

## ***Openings – debuts into cryptospace***

This section reviews new offerings in cryptospace on technical and linguistic levels. In this section are discussions of a very few of the new coins, tokens, and complex structures that are soon to be offered , or are already in the ICO phase.

**Do your own due diligence on these cryptocurrency offerings. NOT trading advice, nor recommendations for purchase. Reviews provided note only interesting features from which to begin YOUR personal due diligence work prior to contributing.**

***-beginning of analysis section -***

## **The Rough Cut:**

Here you will find an abstract of what we can ascertain about the companies making new offerings to CryptoSpace, their approach, presence, history, and the personalities involved.

These 'rough cut' analyses are being done by the team being trained by myself (clif high), and Igor, here at halfpasthuman. Note that the “Impressions” section is designed to elicit just the thinking discussed. All such comments are the opinion of the team member doing that particular analysis.

Any comments that are made by me, (clif high), will be annotated as such at the end of the discussion.

**Company:** Cryogen @ Cryogen.me

**Presence Rating:** Questionable, both conceptually, and technically. Underlying technology for the project is not viable. No supporting data for concept being viable.

**Presence analysis:** Site is javascript, registered to Tatiana Shifrina (chief design officer of cryogen) in Russia.

Cryogen is managed by Kriorus, the first and only cryonics company in eurasia, founded on 05 by the non-governmental Russian Transhumanistic Movement. They appear to be a serious outfit that currently has about 50 humans and 20 odd pets in cryopreservation, and made some research developments. Kriorus site lists private person as registrant. Cryogen is nonprofit, and they state it will operate under Swiss jurisdiction managed by Kriorus.

The whitepaper begins by detailing the developments in cryonics up until now, as well

as very detailed description of prior and current processes involved in cryonics.

They state that their intention is to attract attention to cryonics and increase the amount of research being done.

They state their interest in cryptos is to provide them funding faster than other means of investment.

Their problem statement is the fact that people die. They state there is not enough funding for cryonics study.

They state cryotoken is for buying their listed services, and that the token is equivalent to one USD. The number of token there will be determined by the amount of funds they raise during ICO.

They claim their token will have value because they are of fixed quantity, their services will be paid for only in CRYO (their token), and that the cost of their services will be somehow lower.

They appear to be basing the increase in value of their token on projections of increased value for all cryptocurrencies, citing some statistics from single sources.

Their roadmap is very thorough and detailed, focused expressly on the development of the company itself and what it will be doing.

Distribution of funds appears sensible.

I have noticed more typos in their whitepaper than any other so far, including the little header emblem on top of every page that says “cryo whitepaper”.

**Personalities:** Cryogen team appears to consist of people qualified to work in a cryonics company, mostly scientists. On the site the team doesn't provide any links to social media and not one IT, Blockchain, site development, or any kind of computer work specialist is listed. The whitepaper lists more team members and lists some of their social media accounts.

Their advisers are also just scientists.

There doesn't seem to be any indication they fully understand or should be doing cryptos.

**Impressions:** While one day a century from now there might be success in this field, as it stands there doesn't appear (assuming these guys could even functionally produce their token) to be any incentive to investors aside from emotional for those who care about this kind of thing. Using blockchain could help people who want to invest do so, more rapidly potentially, but all the money is really going into is expensive freezers filled with meat popsicles that may or may not be enjoyed by our alien overlords.

**Company:** Debitum Network @ debitum.network

**Presence Rating:** 10

**Presence analysis:** Registered through godaddy 6-21-17, registered to one of the head guys Justas Saltinis in Lithuania. As is the administrative and technical contact.

Their statement is to develop a decentralized means for SMEs to access growth funding.

They pitch debitum network as owner-less and not intended to benefit anyone specific.

They state the transactions take place with ETH.

They say they have a working MVP using blockchain infrastructure, ETH, and funding requests from SMEs through debifo.

To sum up, it sounds like they're building the network to bypass the restrictive financing options offered by banks and venture capitalists so that SMEs can access what they need to grow directly from the people/ institutions involved in the debitum network.

The transactions take place in fiat (local currencies), so its usable by anyone globally, the processes take place via the blockchain.

As I understand it the actual financial transaction will be card, and terminal POS (point of sale) system based.

They plan to use a community trust rating system.

The whitepaper is in english. I read portions throughout the whole document and it was all very coherent and made sense.

The network is being developed by the founders of the alternative finance company DEBIFO, and the IT company INNTEC.

DEBIFO does low-interest and short term loans for SMEs based on their invoices.

INNTEC does IT solutions including ETH based development. Both companies appear to be well regarded and have received european awards.

The three co-founders of debitum are the ceo, the co-founder, and a board member of DEBIFO.

The past timeline references are accurate and future plans appear to be thought out and paced appropriately. They plan to have their global network complete and functioning late 2018.

They mention AI integration with the debitum ecosystem to fully automate services.

**Personalities:** Almost all Lithuanian, and most are employees of INNTEC. The head guys are all posting recently about the pitch competition they won pitching debitum.

Everything posted on personal and professional linked-in, facebook, and twitter profiles appears to be consistent with their claims and goals with the network. All appear to be filling appropriate rolls based on their stated education and experience.

All lead members have degrees from one of two Lithuanian universities, in addition to

their other education references.

Mārtiņš Liberts, cofounder/visionary, Lithuanian, 30s?, Linked-In personal statements and education references appear consistent with profession and debitum's stated goals. Currently director at INNTEC and board member at DEBIFO. Has active twitter account posting lots of progressive business and technology stuff.

Donatas Juodelis, co-founder/ partner relations, Lithuanian, 30s?, Appears to have gone to school for law. Posts actively on Linked-In. Co-founder of DEBIFO, INNTEC, and DEBITUM.

Justas Šaltinis, co founder/ financing operations, Lithuanian, 30s?, school for econ and business admin, consistent work references until he founded DEBIFO in 2015.

Mažvydas Mackevičius, tech lead/ blockchain tech expert, Lithuanian, 30s?, education references consistent, phd informatics, lead technical architect at INNTEC.

Märt Lume, lead product manager, estonian, 30s?, consistent education references, worked in game design then project management. Only lead not involved with Inntec or debifo.

The nine advisers listed all have Linked-In accounts and appear to be successful in fields applicable to this business.

I can provide further detail on these guys if needed but I figured itd be superfluous.

**Impressions:** The idea seems solid and value-adding on a global scale and they appear to have whats necessary to pull it off. Everything appears consistent across the board, although I didn't verify every claim, those that I did verify included such as employment and their participation and success at the pitch competition at a major blockchain conference, including winning both the investor and audience award. So far no “red flags”.

**Company:** Grid+ (grid plus)

**Presence Rating:** 10+ (superior whitepaper. Chock full of technical details. Good read (clif says))

**Presence Analysis:** The Grid+ idea is to become a part of the transaction electrical grid that is developing from the spread of cheaper PV and wind, and such. Idea is to create

tokens to support a hardware and software development effort. Idea is to integrate a new form of controller between devices and the grid. Would allow for the device to pay for electricity in a transaction based energy market on the IOT (internet of things). The basic idea is to replace the backwards looking retail system for electrical energy with a pay per use in real time system. Lots of technical energy stuff, lots of graphics, real data and costs showing.

**Personalities:**

Alex Miller  
Karl Kreder  
Mark D'Agostino  
Matt Walters  
Yunyun Chen  
Claudia Pop  
Pat Beraducci

All team members are shown without roles attached. All team members experience rating for the general concept are consistent. Linked-In histories and social media presence in line with experience stated, and goals of organization. Not able to apply skill sets exam as no roles are listed. Over all a 10+ team given the above.

Advisers are globally famous guys. Lots of academic experience. History and experience ratings are consistent with stated company goals. 10+ in ER for the adviser group.

**Impressions:** Idea makes sense.

(clif high ed note: Long period for development here depending on several factors. Some of these include competition in the space, hardware integration issues, and regulation intrusion. Not a deal killer, and may well be successful, but depends also on a number of factors outside of the company's control including the manufacturers of other devices in the electrical markets allowing their devices to harmoniously interact with Grid+ device/control center. Other bumps in progress will include the regulatory burdens that are going to be location specific, and thus become a marketing effort, rather than a technical challenge. Not to be considered a rapid payback project. That said, it needs to

be in existence to service the electrical markets which are behaving as they describe in their problem statement, but the question comes down to 'will the IOT evolve out as they expect? And within timeliness that will allow Grid+ to position itself as to their goal. Further issues exist in the stated description of the regulation burden on the energy generation business across the USA. As an instance, no discussion of the FERC level of regulation to energy systems, nor the intrusion of the COG legislation on energy markets. If Grid+ is successful, it would naturally spur a mainstream move into cryptocurrencies as these would be required for payments for electricity. Also would hugely benefit the IOT spread if a defacto standard emerged upon which to base other token payment systems. Extrapolations seem very realistic. Well thought out business model in the plan. Note, no security specialists are highlighted on the team, though there has been some deep level of thought about some of the vulnerability exposure the project will face. )

**Company:** Playkey @ playkey.cryptonomos.com, playkey.net (original site, not ico), playkey.io

**Presence Rating:** 10

**Presence analysis:** Cryptonomos site is js based. Godaddy, using domains by proxy. Playkey.net is html, Regional Network Information Center, JSC dba RU-CENTER, LLC 'Igrovie Resheniya' registrant, moscow.

Playkey.io, no info on whois, the bottom of the site lists Enaza Games, LLC in russia.

Offered through cryptonomos, which provides services to list and create ICOs and appears to be Russian or Ukrainian owned and operated. Briefly investigating cryptonomos: they appear legitimate and in essence are a stockbroking agency that gets paid regardless if an ICO they're offering fails.

Playkey.io and their whitepaper is offered in english, mandarin, russian, japanese, korean, and indonesian.

Playkey is a russian gaming service which allows people with low end devices play high end games by processing the game remotely and streaming it to the user's device. Their service will also use miners as independent providers of the playkey service, providing the miner with an efficient and stable means to utilize their computational capacity.

The whitepaper is well written and descriptive, I had no issue understanding their



proposed ecosystem. Essentially gamers pay miners in PKT to run games for them, while playkey foundation provides the business management, software development, and community moderation in exchange for their proposed cut.

PKT implemented on public ethereum blockchain in accordance with ERC20.

Their proposed funds {ed note: ICO intake} usage is detailed and sensible. They state their intention is to develop the playkey ecosystem and to popularize cloud gaming in general.

Their market analysis is comprehensive and factual.

Their timeline past is accurate and future appears to be thoroughly planned and appropriately paced.

Their model is proven and working currently at playkey.net.

They are and have been actively attending numerous blockchain and IT conferences.

**Personalities:** They state a team of 45 people, all appear to be russian and from the pictures seem the sort of people you'd expect in the IT biz. {(clif high) ed note: visual, facial impressions by a human are a part of our process on these investigations.}

Looks like all of the upper management lists perm state university for education and previous or current employment with ENAZA.

Egor Gurjev, co-founder and CEO, russian, 30s?, education references don't show any degrees they state 'specialist, business admin' and 'specialist, physics' each from separate universities he was apparently attending at the same time stopped in 07. Head of R&D for russian er-telecom until 2010 when he became CEO and founder of ENAZA, which is a digital sales platform. He also apparently founded a computer services company in 07 which is still operating in 22 russian cities. Is active on facebook and linked-in posting about his company and things related to the industry, including sharing a post with an investors checklist for ICOs describing essentially the type of research we're doing here.

Alexey Lykov, co-founder and CTO, russian, 30s?, bachelor of science computer science. Software development team lead then chief technical officer at ENAZA until founding playkey in 2012. Posts facebook about playkey and related stuff.

Vadim Andreev, Co-founder and Director of Game Strategy, russian, 30s?, no degree listed but he lists the same university and the other co founders. Head of sales team then project manager for R&D for er-telecom, after which he was head of licensing department at ENAZA where he still works.

The other team members all appear to be qualified and suited to their positions. Their social media posts reflect their interests and involvement in the field.

Listed adviser George Dobrodeev is in the game industry but doesn't have anything posted confirming his involvement in playkey.

Aleksandr Agapitov founder and ceo at xsolla does list himself as an adviser to playkey on Linked-In, and lists perm state in his education, same as most of the playkey team.

The other seven advisers are mostly russian and asian and either directly list their role as advisers on linkedin or have posted elsewhere that they are. They all seem experienced and well suited to their rolls.

**Impressions:** The idea makes a lot of sense and they have proven they can make it function in a regular fiat marketplace. Cloud gaming has been talked about seriously by ceos of all the big gaming companies and it seems to be widely recognized that it's the future of gaming, just as it has been with music and video. Decentralizing, as I understand it, would give incentive to the individuals providing the hardware resources, as well as facilitate the construction of a smooth running network.

{clif high: ed note: The technology of this will need to be investigated against blockchain performance.}

**Company:** Polyswarm @ polyswarm.io

**ICO Start - End:** 2/6/18 - 2/20/18

**Token sale \$ Goal: 5M USD in ETH**

**Presence Rating: 8**

**Presence analysis:** Puerto Rico domicile. Decent presence. Cohesive whitepaper description of their goals, and acknowledging their vague description of some of their process. They are designing a prediction market specifically focused on malware expressed as digital artifacts. Their design is based on how they think the social interactions will work once they are up and running.

They seem to be basing their idea of success on an internal rewards system made up of 'open bounties' available to security experts, and a revenue stream coming from their

'ambassadors'.

**Personalities:**

Steve Bassi, founder and CEO. Academic (Naval post graduate school USA). In security business for IT for many years. Linked-in records consistent with claimed experience, and education.

Paul Makowski, CTO. Also Director of World Domination at Narf. Also worked for NSA. Presumably the NSA experience is valuable. Education, experience, Linked-in presence, twitter account age/activity are all consistent with claims. Looks to be happy in his work.

Ben Schmidt, Director Product Security, developer, co-founder. Ben's experience and Linked-in, and twitter accounts all are supporting of claims. \*may be a boat guy, maybe even a boat builder. Picture on twitter profile. If so...

Nick Davis, COO, developer, co-founder. Again, consistent experience ratings, and online presence. As with other members of team, competes at InfoSec challenges. History can be ascertained.

Max Koo, backend developer, co-founder. Good, consistent experience rating from usual sources. Twitter account missing. Only one in the team who looks like a wrestler.

(clif high ed note: the whole of this design is focused on incentives to draw in security experts. They are to be challenged, according to the design, by the bounties, and the voting system installed (with an experience rating component). In my opinion, several large problems exist within their design including the NDA's and other constraints that are placed on employed security professionals. Other issues exist with the ambassadors program. At its core, the system is also vulnerable to gaming their voting mechanism. Other issues include the ability to determine 'ground truth' (see whitepaper for an explanation of this component), and their 'arbiters' process. This last has problems both with the selection of these individuals, as well as the dominance they could/would exert over the entirety of the process. A primary problem is the monetary motivation; granted this is required at some level, but the stated structure here allows early registrants to gain a 'first mover advantage' within the system that would be hard to shake out should it prove to not function as designed. An interesting wrinkle is the KYC (know your

customer) aspects being designed into their ICO.

In one way of looking at the design, the company is trying to build a social media platform focusing InfoSec (information technology security) professionals at specific malware targets. It would seem to have some social-engineering flaws, and may not mature as they would like to project. As an instance, bounty challenges may (most likely will) become dominated by very few participants, and their very success will reduce the likelihood of new registrants to the platform (an unstated requirement for growth and supporting of the token being offered). Further, the value of the token is uncertain as the system will require a level of critical mass to be achieved before it (the platform) can be judged successful. Additionally, the 'fee based' structure for their model is also troubling from a social engineering perspective. Conclusion is to monitor this project as it goes forward. May produce surprising results and morphs. )

**Company:** Winding tree (Líf) @ windingtree.com

**ICO Start – End:** February 1, 2018 -

**Token sale \$ Goal:** Max 10M

**Presence analysis:** Site javascript, registered to Contact Privacy Inc. Customer 0135894627, Canada.

They have a one page summary available in english and several asian languages. The whitepaper is in english and russian

Pitched as a blockchain based distribution platform for travel industry. They say it will be a way around the concentrated intermediaries raising cost to the consumer in the travel industry and allow for the free market to determine distribution costs.

They state the ERC20 compatible Líf token will have “added functionality”, in addition to transferring value it will send data and/or execute functions.

The whitepaper begins with an overview of the travel industry, detailing the problems and increased costs caused by the dominant online travel agencies and global distribution systems who have no incentive to innovate or improve their systems or management because they're making too much money being scoundrels. Reliable sources are cited for the info provided.

Their solution is the winding tree network which they claim connects buyers and sellers in p2p economy via smart contracts and open source tools without transaction fees and governed collaboratively by the participants.

They claim only a minuscule blockchain-calculated transaction fee will be charged to give miners incentive to add computational power to the network.

The whitepaper goes on to detail the various planned development goals and solutions the network will provide all of which appear coherent and realistic to blockchains capacities as far as I understand them.

They do detail how their token will be capable of handling more data (to meet travel companies' need to send more data than smart contracts have the capacity for) by listing the lines of code for a ERC20 token compared with the LIF token.

The transaction system breakdown makes sense.

Token distribution, use of proceeds, and timeline appear appropriate.

### **Personalities:**

Maksim Izmaylov, CEO, Russian schooled, American, 30s?. Education appears consistent with his role but dates are not listed on Russian university references. Work history has 3 year gap, but it appears he worked in IT. Presently founder CTO then CEO of Roomstorm and founder travel tech con.

Actively posts social media about cryptos and Winding Tree.

Jakub Vysoky, CTO, Czech, 30s?. Only lists schools no dates or degree info.

Consistent IT work history. Co-founder of Walksource and also lists himself as founder and CTO of Roomstorm (same as Maksim Izmaylov). Does not list

Winding Tree on LinkedIn, but has retweeted post from them.

Pedro Renaud Anderson, COO, Maybe from Ukraine, American, late 20s?. No education listed. Work history in business in Ukraine, it appears transferred from Ukraine to Texas working for the same company. List himself as founder of Winding Tree. Posts crypto and Winding Tree stuff.

Augusto Lemble, Blockchain Architect, Argentinian, 30s?. Education in programming. Lists consistent work history in crypto business for various companies right out of school since 2014. Also list himself as Founder for Winding Tree. Posts about cryptos and Winding Tree.

Only one listed adviser has any mention of their involvement with Winding Tree.

**Impressions:** No MVP. We may be too early with these guys and might give them another look closer their ICO. IMO if their plan is indeed realistic its stepping on the toes of the big dogs who will probably bite their nuts.

**Company:** Rate date @ ico.ratedate.net

**Presence Rating:** 4

**Presence analysis:** **Red Flag:** Panamanian privacy service on whois.

Idea is to allow for 'auctions' of dates with people who have a high rating on the ratedate system. Token system designed to prevent fraud.

**Personalities:** (No history links provided – pass to cliff, he reads Russian. ) Katerina Usatenko, CEO. Marketing, economic activities specialist.

Dimitiy Abel, CTO. Work history checks out.

Mikhail Kruglichenko: Strategic planning manager.

Katerina Voronkina: Designer, illustrator (should use her picture for advertising the site).

Dmitry Nadsadin: Project manager, developer. SQL guy (pass to cliff for validation).

Denis Goroshko: Web-designer, front-end developer. Into 3d modeling, programming, validated competition presence.

**Impressions:** Could be used as a cover for an escort rating service.

(cliff high ed note: this is a lightweight offering, not seeking large ETH amounts, not seeking to break new ground technically, although the idea itself is new. The team involved checks out, but is also lightly weighted in the technology area. Not that this is a stumbling block given the direction of the effort, and the management acumen involved, after all, many great free-lance developers in Russia and Ukraine. No stated security specialists, but given the platform idea, and its stated usage, probably not much of a concern at that level. Investors need to be aware of the potential for such a service to be 'gamed' by people who would wish to use this platform to circumvent local laws as may affect the 'leisure (sex trades) businesses'. Also it would be expected that humans being humans, lawsuits may emerge from people who would consider themselves to have been victimized in some manner, by the process. As we are dealing with 'intimacies', and 'emotional connections', such should be considered to be within a definable level of probability. Other than these cautions, no red flags are thrown.)

**Company:** Singularitynet.io

**Presence Rating:** 4

**Presence analysis:** Singapore based. Web site is confusing and demands you sign up with email address before getting access. No whitepaper listing of the functionality of

the system designed until way deep in their page structure. Team stuff all over, but difficult to validate their involvement, and history. Whitepaper is posted November 1, 2017. May be a reposting with updates. Nothing easily found that actually states what they are doing here.

**Personalities:** No social media listings. ER done via brute force. Gaps exist.

Dr. Ben Goertzel, CEO, and chief scientist, and project lead. Probably the designer of their concept. Worked extensively in robotics field. Well known, was traceable in the social media. Linked-In profile and job history check out. Big YT presence. Lots of talks.

Dr. David Hanson, chairman and robotics lead. Big into robotics. Worked on Sophia. Works on 'conversational robots'. History was traceable.

Cassio Pennachin, CTO. Software specialist. History traceable. Worked with OpenCog. Also found him in the predictive software sector for financial services industry.

Simone Giacomelli, Blockchain specialist. Validation ok. Was at U. of Verona for school, and contacted them. He checks out. Well thought of there. Work history stable, but scant. Young. Worked at Vulpem Ventures. (this the place cliff had that fight with?).

Checked rest of team. Hard to locate validation points. Small Linked-In presence for most. No sure validation on many of them actually being associated with the Singularitynet.io organization.

Road map seems doable.

**Impressions:** Even after reading the whitepaper, the idea is not clear.

(cliff high ed note: after reading the whitepaper it would seem the idea can be characterized as a 'job market' for software agents. Though heavily laced with robotics focused people and language (\*most of the validated people have ties to Hanson robotics), the core idea could easily be accomplished with software and web interface. Much thought expressed in the whitepaper about the transaction marketplace for AI services, as well as the (stated) need for AI services as well as the way in which it should be (according to them) pursued which is the development of, and promotion of, the AGI

(artificial general intelligence) idea. Their idea is a specific (utility) token for purchasing access to AI agents that can provide AI services. Lots of thought into the 'reputation' and 'curation' of the AI agents. Token is based on smart contracts. Pre-mined 1 billion tokens. Lock up periods for the crew involved. Stated numbers for usage of the proceeds of the ICO are wonky, in my opinion. Much thought on the voting internal to the system. Math explained. Using variable weighted rating system for votes. Lots of language about the Hanson robotics tie-in on the system. Lots of language about how their AI marketplace network will function within a blockchain environment. Relies on DNS for addressing for agents seems wonky, and needless vulnerability.

The services offered by the AI software agents can best be thought of as trying to replace humans for such tasks as cannot be done with traditional software. Examples of such tasks include labeling (tagging) of photographs, or image repair/recovery. Usually tasks that would involve mentation from a human, and thus are outside the ability of standard software, the Singularitynet plan is to overcome the usual challenges faced here with machine learning to specific tasks. This part of their whitepaper makes sense. It is a 'rent sophisticated software for my immediate need now' plan. It makes sense as many of these tasks in image processing have been demonstrated to be accessible by way of complex machine learning, but of course, not every one is capable of deploying neural nets and other sophisticated software solutions. So rent them. Other potential use areas including bio-medical imaging, as well as associated deep data correlations work. Additional areas cited include complex 'natural language processing'. In this last, text based is cited, but of course, audio would soon follow.

Some discussion of the potential vulnerabilities to be found in their network, although this is lightweight when it comes to discussion of the potential to game their system.

Caution to investors. Much of this is still in the R&D phase, including many of the AI services as they are defined. This needs to be noted as academic thinking is consistently very bad at estimations of when 'breakthroughs' will occur. As an instance, they are thinking that by 2019 AI developers around the world will be contributing to their platform and thus increasing its value.

Singularitynet is also wrestling with issues such as making it 'massively scalable'. Again, projections of success are premature. As are the usage rates once effectively launched. Also they are counting on IOT to provide 'massive data collection' for their AI (machine learning) processes to chew. Again, not a settled issue, and totally conjecture at this



point.

Their conclusion section is predicated on a particular view of world development, and 'three complex and critically important goals concurrently'....not something to inspire confidence in general. Especially coming from academic minds.

An impression arises that much of this work is designed to 'feed' or supply the Hanson robotics effort. No mention of payback into the Singularitynet system from such collaboration.)

## Red Flags:

Here you will find a listing, merely a list, of those offerings in CryptoSpace that throw red flags early in the process. Once we find such flags, we stop drilling in any further. Should the flags have been thrown accidentally (may happen sometime), people associated with the listed CryptoSpace offerings are invited to write to us to try to explain away our concerns and do another, more in depth, review.

**Company:** Estate coin @ estate-coin.com

**Presence Rating:** scam/shitcoin

**Presence analysis:** site is javascript, registered to Makeev Andrej at a residence in russia.

They say its a building company which wants to build coin-miner heating in these big housing project type places. The parent company isn't easily ascertained.

They only list one blockchain specialist named alexander shulgin, and since there are no listed social media accounts or any way to verify these people I'm pretty sure he just took that name from the famed american chemist.

Its quickly apparent that even if they were legitimate they don't have the knowledge to do cryptos.

# Drama, Dysfunction – Companies in Distress

## Company: Electroneum

The Electroneum idea of 'mine on mobile' does not pass several 'smell' tests. Conceptually the idea of mining cryptocurrencies with mobile devices aka cell phones makes no sense to me. The limitations of the operating system, the costs, speed, and reliability of bandwidth, the issues of battery power versus computational capacity, and random access memory (RAM) limitations all speak to this being a nonsense idea. Or at least one that is going to be posing challenges to all parts of the mining process. Having worked in the telephony industry on the back end (servers, billing&rating, SS7 side of things), the idea makes one shudder at the increase in packets both for cell service as well as into their blockchain. It makes no sense. Do you want to spend your dollars for data flow on your phone to try to mine coins?

The language of the Electroneum site and its presentations tend towards the idea of a 'server backed' application doing the mining, rather than mobiles. Yes, there are miners in the Electroneum blockchain, but as clones of Monero, and its mining approach, these miners are not mobile friendly. Note that the code base for Electroneum is a forked clone of Monero.

*IF, and that is a big IF, the idea is to mine cryptos from your mobile device, the costs of doing so, to the device, to the bandwidth used, to the back end (mobile device service supplier = Verizon or any other carrier), are all hidden to the extent that the costs to the miner are not yet calculated. Further there are the concurrency issues, as well as the latency and other conceptually questionable design issues.*

*As of this report, Electroneum as a company is in a state of distress as they have had 'credible security threats' to some part of their system bringing a response from the firm to withhold the scheduled release of their app. This delay is causing them problems from a confidence and public relations perspective, as well as adding additional pressures to their development effort for the app (their wallet).*

*If my understanding is correct, they are wrestling with a core issue that many companies in this space will face. Conceptually there are many solutions, however they all represent some shade of 'ugly'. It may be that they will exhibit creative genius under fire and present CryptoSpace a new approach that side-steps the many different sides of ugly that they currently are facing.*

- end of analysis section -

- woo-woo returns here -

## ***Developing – the continuing story***

This section discusses existent tokens/coins and **clues** as to future performance from our deep linguistic data mining.

### ***Bitcoin***

Bitcoin had its '40% drop' language appear before the \$6888 USD/BTC rise. We have these temporal markers within the data sets, but are frequently unable to ascertain the order of appearance until the immediacy forecasts start to manifest. It was so with this instance.

Within the data sets we still have crocodile teeth forming, but these are 'rear molars' in the sense of more flat on top, and not large drops between teeth. There are sets for Bitcoin to take 'consolidation' breaks, but even these are now showing in the language as being 'intense' both in 'tightness' into the 'trading range', and 'emotionally' for people as they try to 'trade into (or) out of' Bitcoin. These sets are part of a larger pattern of new data going to the idea of 'intense' spikes up, with sharp drops (back to the base line (floor)). These are not as has been previously seen within the Bitcoin 'charts' or 'market trading patterns'. This alone is indicated to collect its own language around 'leaving former patterns behind' memes out and about on the internet. Such language will also be part of the larger background as we get into a 'rhyme' with an old meta pattern element of 'repeating weeks'. This 'repeating weeks' descriptor set contains language showing this as being '3/three' weeks in duration, with an error range of the same size. So the total potential time to be spent 'repeating (previous) weeks' in so far as 'trading patterns' is 6/six. These sets are providing a view of what can best be described as a 'transition period'.

This 'transition period' description within the data includes large numbers of cross links over to 'revelations' appearing about 'economic crimes', and 'mismanagement' both of which are further described as 'taking a toll' or 'reducing favor', and other language about people removing their emotional attachment to the 'collective symbols (aka fiat currencies)' of the 'social order'. These sets have a correlation temporally to the 'spikes up' in Bitcoin prices in USD.

Within such numbers as we have, and noting the inability to differentiate (mostly) at this time due to similarity and common origin of the sets, the data is still growing new sets within the supporting group for \$13888 USD to Bitcoin by end of February, with some new sets in supporting positions for '\$40,000 USD' and the 'BIG drop' in which 30+ % is forecast as 'coming out of (bitcoin)' over as little as 'a weekend'. The 'BIG drop' sets, in supporting of the \$40,000 USD price sets, begin to appear as modelspace is moved through into early May, 2018.

## **BCC & cousins**

It is not possible to separate out language about the forks of bitcoin until they have matured enough in manifestation to develop a separate linguistic base of internet chatter. Yes, there are plenty of discussions about these coins and the forks ahead of their creation/happening, but these levels of discourse are all hypothetical until the fork actually occurs. At that point, the word base that can be associated with specific instances of bitcoin can begin to be compiled, however results from these new sets takes time to build to the point where we have enough prescient language associations to start interpretation for future performance.

As the Bitcoin cash fork of August has begun to mature, it is becoming slightly easier to differentiate between the new bitcoin cash language into its own linguistic structure. However, the process is tedious and depends entirely on the rate of growth of the language itself. So far we are running a slow pace of new sets into the BCC linguistic structure.

Noting the above, it can be stated that bitcoin cash does show a new 'utility' value that will be emerging, again near the vernal equinox next March, that is indicated to provide a 'boost' in its acceptance rate, and that is forecasting an increase in internet chatter about the bitcoin cash future.

The data sets would seem to be forecasting that bitcoin cash maintains current levels of gradually growing support at least through to next Spring (northern hemisphere). At that time, most of CryptoSpace is indicated to be in the emotional equivalent of 'gold rush fever', so many many chaotic price actions will be occurring. As of this point, and forecast for that point next March, there are no signs that bitcoin cash will be behaving in any different way than the majority of the space.

**DATA NOTE:** *About Bitcoin cash, there are rumors of power politics in play to sort of slide the value currently held in BTC into bitcoin cash by way of mining power. Not a 51% take over, but rather an 'economic interests battle' using the mining community as the field. The idea is based around the mining power of certain Chinese companies. The proffered reasons, some about the speed and use and profitability of bitcoin cash versus bitcoin core, while possible, and certainly provably beneficial, may not be telling the whole of this story. Without regard to reasons, there is obviously something up with bitcoin cash prices and something down with bitcoin core.*

## **Dash**

Dash is continuing to maintain its presence within the data as one of the most stable coins we have at the linguistic structure level. The sets for Dash maintain such a regular, consistent level of growth as to be almost clock-like. Yes, there are bursts of new sets within the Dash linguistics, but seemingly always to be followed by just a slight drop in rate of growth, which leads us to a regular, statistically steady performance for Dash data set growth. The rate of growth curiosity aside, the data for the Dash coin is overwhelmingly positive through this coming Winter, such that as modelspace is moved into late February of 2018, there are hints that Dash may live up to its name by an 'out of the box sprint' that will then be 'leading the pack' of alt-coins in their upward rush in USD prices across the subsequent months.

The Dash effort is showing within the data sets as being successful in a 'surprising venue (arena/sector)' as something of a 'solstice (temporal) marker' for both Dash, and Litecoin. These are linked in the data

not from technology aspect, but rather from the 'social (change) movements' aspect/attribute set where both are found with rising values for both in the categories of 'immediacy (of) impact', and 'duration (of) impact'. In both of these values the new supporting sets for Dash (and Litecoin) are indicating that an 'incitement (towards change) movement' will be rising in the social media due to 'unfolding (officialdom) events' and will 'propel' the 'adoption rates' of Dash (and many other alt-coins). Many of these new sets are also bringing along higher intensity values for both 'impact', and 'duration' indicating something of a pop in the discussion zone of cryptocurrencies aware humanity. Stated another way for clarity, the data sets are forecasting that 'governance (likely USA Pop officialdom)' will be 'making (negative news) likely due to 'fuck-ups', and 'troubles', producing conditions in which 'alternative social structures' will be 'making positive news' which will 'bring along' discussions about Dash and Litecoin in December 2017, around the 21<sup>st</sup>.

## **EOS**

EOS is indicated to be 'productive' as of early 2018. These sets would seem to be forecasting that 'goods (digital)' will be appearing that have emotionally toned data sets for 'adoption'. The data sets would seem to be suggesting that an 'adoption' by some form of 'respected sector business' will be an impetus for a 'new paradigm' emerging in which EOS will show up as 'transcendent (across)'. This is admittedly quite obscure, but the data repeats this conjunction within the supporting sub sets indicating that we will, at some point in early 2018, learn what the phrase is foreshadowing. Without regard to our understanding at this time, the data is also forecasting that EOS will be 'rising' as one of the early coins making 'large moves' in Spring (March) 2018.

## **ETH Ethereum**

ETH is showing within the data sets as continuing to provide 'challenges' to the adopters as 'flaws' are discovered that allow for exploits, or at least the 'exploration' of exploits. These sets are not indicative of anything more solid than internet chatter developing as yet more 'platform users (companies with their software running on Ethereum)' have 'security issues' surface publicly.

These and other sets provide the impression of ETH pushing through Winter, and rising, albeit at slower rates than other cryptocurrencies, including some of the tokens on the Ethereum network.

As modelspace is moved from November through to early January, ETH sets begin to gain new supporting linguistic structures at a much faster rate than had been seen all of 2017. The view provided by modelspace is that a 'rush' of new adoption for the Ethereum platform will occur very early in this next year that is being forecast as leading to 'demands' within the business sector for 'ethereum network experienced employees'. These sets are forecast that the 'lack of trained personnel' for the ethereum network will be as the subject of articles and discussions that are going to bubble up to the surface of the global media. Once again we find that 'education' is a key set within the new growth for ETH as modelspace is moved forward into 2018.

The forecast for ETH prices over Winter can be characterized as 'episodic', or 'generally upwards, with boosts intermittently'. The boost upward are showing as being temporally linked to successful

businesses running on Ethereum as well as their successful PR efforts. The PR efforts are forecast to be gaining from the 'mainstream media' (dying legacy media) focusing on 'all things new' in an attempt to 'bring in new generations' of readers/viewers.

## **Litecoin**

Litecoin is setting up for the 'belle of the (Spring) ball' award for cryptocurrencies in our data sets. The LTC accretion patterns are surpassing the ETH sets at a very brisk rate of new data elements at about 2.4 new elements for each 1 about ETH as modelspace is moved into March 2018. These new sets are bringing the emotional tone values for LTC into ranges not seen for it before, and, that are, in some respects, temporal echoes to the 'set up' in early 2017 that saw such large gains for ETH (and Ripple) in the early part of the year. In the case of Litecoin, the data sets are bringing in a larger percentage of longer term data sets than had either ETH or Ripple (XRP) in early 2017 indicating a longer run for LTC, throughout much of 2018.

The new sets for LTC that accrue as modelspace is progressed from late November through to the December solstice have a 'gentle rise' in its pricing relative to USD growing into a 'steady (eye catcher)' by the end of the year. At that time we have language forecast to appear about 'comparisons to Bitcoin', both in 'rate of rise', and 'early days history', and 'ratio of valuations'. These 'comparisons' are forecast to treat LTC well.

The data sets still have LTC moving into '3/three digits', and new growth to these sets show that the movement will be creating a floor for LTC into 2018.

## **NEO**

As modelspace is progressed through Winter (northern hemisphere), the NEO sets gain new data in an episodic manner that can easily be characterized as 'bumpy'. The flow of new sets into the NEO linguistic structure has a base rate that is reasonably steady, excepting for the appearance of new clusters of data sets, aka 'bumps' that appear in an irregular fashion for December, and January. These periodic bumps of new data sets seems to be forecasting 'growth' within NEO, within ChinaPop, to also be 'episodic', and 'bumpy'. The accretion patterns aside, the individual aspect/attribute sets arriving into NEO are continuously positive in nature, and elevating in the emotional tones of the structure as a whole. The result may be also episodic bump ups in NEO price. We have no numbers associated with any of the new aspect sets.

## **OMG (OmiseGo)**

The OMG coin supporting sets are gaining new linguistic structures for 'governance' (ChinaPop) coming out with 'new guidelines', as well as 'new opportunities' that will favor the 'peer to peer', and 'agnostic payments' aspect of the OMG payments gateway. These sets are not alone. Other new sets for 'additional opportunities' are providing rising emotional tones for OMG as modelspace is moved into mid December.

As modelspace is moved into late January, the 'developing opportunities' are indicated to be boosting OMG prices as one of the 'early out the gate' leaders in the cryptocurrencies Spring (2018) that is developing within the data. This is a general upward pressure on the whole of the cryptocurrencies markets due to the in-rushing of very large cohorts of new adopters as CryptoSpace continues to rise against eroding fiat values.

Some of the new opportunities showing in our data sets are around 'payroll processing/payments' and 'global corporations'. Apparently some very large multinational corporation will decide to 'go crypto' for its 'world-wide work force'. As may be expected, it will cause a bit of PR for the sector.

## **Populous**

Populous, and its PPT token are showing up in the data, both shorter and longer term, as being 'magnificent', 'stellar', 'leading', 'being chased', 'being emulated', 'being slandered', 'being set upon', and many other sets for the 'both sides of success' aspects. Yes, there will be lots of 'laudatory' words, but also those who will be really 'irritated', and 'pissed off' by the 'successful launch' of the Populous platform over December and continuing into 2018.

Most of the new data sets within the larger 'business shift (into) blockchain services' areas of modelspace that are the larger containers in which Populous appears are moving at a very brisk pace of new aspect/attribute sets from early December through to June. The data being brought in by these accretion rates back up this brisk pace with an equally brisk rising rate of emotional charged language over this period. Many of the more extreme new values are within the new category of "I2B (investor 2 business)". These sets are consistently linked, or directly holding references to businesses categories such as 'factoring'. These sets are consistently rising emotional values with references to 'successful launches (of products)', and 'new business categories (developing)' on 'new success stories'.

## **Ripple**

Ripple continues to annoy me, but (sigh) as per usual, that probably won't stop it from going up in USD relative value over Winter. We need to note that its charting patterns are becoming predictable and it can be relied upon to take periodic falls of predictable duration. Unlike past episodes, Ripple is not showing in our data sets excepting in two new sets that would tend to suggest the idea that it will be 'slightly behind' the pack (of) 'cryptocurrencies' as we move through the last of Winter, and into Spring (northern hemisphere).

## **Spectre-AI**

This company has not been found in the data sets by anything related to the name. However, it is moving (one of the first) into a sector, 'financial services', that is clearly defined within the data sets. In my interview with Karan, the CEO of the firm, and in separate investigation, the issues that had caught my attention were completely addressed.

<https://www.youtube.com/watch?v=pX1MJlhYd5o>

The interview confirmed that the Spectre management had considered these issues, and were building

their product with appropriate design elements to address them.

Management is sharp at Spectre. It would seem at this stage that they may well be able to take their early mover status and grow it into dominating presence in the space.

Obstacles are showing up in our data for the space (basically replacing the tier 2 level of broker/dealers) include a very 'robust (and dirty) response' from the 'entrenched powers (banks)'. At first blush, taking on the banks may seem to be a battle against giants not to be won, however, the manifesting reality has so many attacks on these giants from so many differing segments of their core business, that their defeat is all but certain. Spectre has a very mature plan for the space, and a design that will allow for both growth, and sudden (unexpected) success.

It needs to be noted that the name chosen, Spectre-ai, due to its association with the globally popular James Bond 007 franchise, is not able to be reconciled in our data mining process. Simply too many other, similar linguistic structures to wade through. Also, there are other 'Spectre' usages in CryptoSpace causing known data masking issues.

## **Veritaseum**

The Veritaseum FUD barrage of recent months has not caused any significant changes in the forecast for the Veri coin and its 'use case' design success. There are new data sets in the supporting sub sets that had been previously reported as forecasting 'government requests' for Veritaseum services will be created by circumstances of 'failing fiat', 'shifting services demands', 'constituency changes', and 'general governance problems'. This last set is related to 'funding' and includes other sets with long term values dominating such as 'fee collections', and 'revenue sharing'.

New data sets continue to forecast several areas of success for Veritaseum, as well as new usage forms for Veri. These new sets include 'financial services' as well as 'trading'. These sets are congruent with growth across the 'automated' language portions of the 'financial services' sets. The idea is that Veritaseum smart contracts are going to be 'put into service' for large 'fund holders (institutions)' as 2018 gets underway. The data has the word 'sudden' associated with a 'post christmas rise' in some of the tokens, including Veri. Many of these tokens are also to be associated with the underlying 'success' that is forecast to propel the ETH token higher, as well as boost the values for EOS. This last has many supporting sets for 'speculative'.

Data sets for Veritaseum success are increasingly interlinked with 'governance failures', and 'governance problems', and 'governance pressures'. The emotional tone for Veritaseum grows rapidly from late January onward, and is associated with several temporal markers also linked to other ETH token efforts.

## **Vertcoin**

The 'atomic cross chain conversion' development phase of blockchains is forecast to boost the interest in, and usage of Vertcoin. For some reason, there are a large number of new sets that are geographically centered with Italy. The idea coming across is that Vertcoin cross chain conversions are going to find a special utility in that region of EU for reasons not clear from the data sets. These sets are accruing as modelspace is moved into January and start to elevate the emotional tones around Vertcoin from end of



February onward. Many new longer term data elements within the sets producing positive, or upward, emotional tone movements. (Sometimes longer term language is legal and therefore not so good.)

## ***Sovereign Tokens***

Sovereign tokens, as a space, continues to show more data growth, albeit of longer term values predominantly. These new sets include some forecasting both rapid growth of the sector, and 'escalating adoption rates'. This last is from sets forecasting that 'digital currencies (as sovereign tokens)' will be spreading outward from Asia over 2018.

Sovereign tokens are a separate linguistic structure from the main body of cryptocurrencies data sets. This is due to the 'fiat nature' of these tokens which the data sets are suggesting will evolve into 'national tax tokens' that will be 'forced/mandated purchases' by 'national governance' as 2018 ends. There is new growth in sets for 'taxation', that will be for 'automated (tax) decals (stamps)' that will be able to be 'produced' by way of 'purchasing (tax tokens)', in various 'sovereign states'. Some of these are indicated to be done via 'smart contracts' that will exist between '4/four parties'. The idea appears to be a form of what may be characterized as 'smart contract performance bonds'.

## ***MetalsSpace:***

Again, yet more drama in MetalsSpace is forecast as the 'institutions' will be 'going wonky' in the last month of 2017, and for all of the first half of 2018. Much of the 'institutions' language is focused on the twinned linguistic structures of 'banks', and 'governments'. The latter is primarily focused on 'western republics' due to the 'cross links' caused by USA dollar integration into their economies. \

As modelspace is moved from the end of November forward into December, and across the first half of that month, there are new growth areas for the 'metals institutions' as a sub set of the 'banking institutions' to be running into problems of 'regulation' and 'regularity'. The former sets are focused on 'new legislation' that will be causing some level of 'freak out' within the 'compliance' and 'management' of the 'institutions', and the latter is focused on 'flow', and the sudden 'irregularity' of the 'movement of metal (gold and silver)' through the system. The flow issues are cross linked to words about 'highlighting (the) Mexico to China relationship'. Other cross links include terminating sets with descriptors for 'interruptions', and 'coughing (up old) metals'.

The 'flow' sets also bring along new supporting sets for 'national strife (likely EU, likely Catalonia)' about which it becomes known that 'precious metals' are involved, as well as 'other assets' in what will be come characterized as a 'money grab'.

Most of the 'funds', 'funding', and 'money' language sets under the precious metals linguistic structure contain descriptors for 'attacks', and 'violence', and 'transitory (stability)', all of which are focusing on the opposition to the 'funds' by 'attackers'. The idea from the data sets is that 'digital money', presumably held by the 'institutions' will be coming under attack. These sets provide the image of the 'big shrug' out in CryptoSpace as the 'tyros' get 'hammered'....just as does the rest of cryptocurrencies sector. The 'freak out' language is suggested as 'escaping' from the institutions, thus the response of 'well, duh...what'd ya expect?'.

Other new sets for 'silver' go to the idea of 'interruptions (in) supplies'. These would seem to be related only to the industrial level use of silver. These interruptions are described as being a 'fifth reduced', so the idea is that 'almost (enough) silver' is available. So no 'panic language', but the data is forecasting a 'distinct' level of change in the 'public activities' around silver in the 'industrial' sector. These sets are also cross linked to 'public exposure' of the 'slight reduction', and the impacts that will be 'projected' from this 'declining supply'. These sets are dominated by shorter term data, but the sets are also filling with more longer term sets within the 'relationships (between) supply and industrial use' linguistic structures as modelspace is moved into February of 2018. A peak in data within these sets appears at that time. These sets are within the larger, longer held and growing sets that had 'monetary silver' being 'purchased (for) industrial use'. These sets now appearing are within the supporting chain of sub sets for this longer held data about monetary versus industrial usage for silver.

There are numerous new sets within the conjunction of silver, and cryptocurrencies. Many of these include interesting language around 'silver' and the 'problems (with) vaulting'. The data has some of these being 'direct (to pocket) scams'. Other sets have some 'unique' approaches to the problems being 'prepared (for) release' into the wilds of CryptoSpace.

Yet more new sets for silver within the recent processing are going to the idea of a 'pollution' sub set for the 'silver sources' that will be contributing to the "squeaking by" aspect of the industrial use of silver for 'manufactured goods'. These new sets are focusing on 'pollution' in two aspects, one is of the 'industrial sources (of) silver' as in being 'tainted' by something that will require 'extra processing', and in another set of 'shutdowns (in) plants' due to 'air pollution'.

The data sets for gold are less numerous, though have new connections to 'distractions' within an 'investigation' that will themselves become part of the 'investigation'. The interesting sub sets in supporting positions including 'communications (breakdowns)', and 'technology'. The data sets are suggesting that 'destructive (movements)' {perhaps spikes?} will be 'calling attention' to (away from what?) 'gold market' manipulations at levels that will be 'excessive', even for recent years. These sets are cross linked to the 'hyperinflation' sub sets within the 'monetary policy' structures for USAPop.

There are some sets for a 'remediation program' to try to 'recover' the 'precious metals markets'. There are many supporting sets for 'irrational numbers' causing problems that go to the idea of a 'perspective breakdown' within some level of 'algorithm trading' that will be the 'distraction' (from some other public problems?) which impacts the 'precious metals markets' and from there, the larger 'debt markets' as a whole. These sets have their largest growth over February, with a peak at the end of the second week.

## ***DirtSpace:***

The larger the hyperinflation, the more of it seems to go into 'real estate' at least in some regional markets. As modelspace is moved through December and into the new year, the 'real estate' segment of USAPop, CanadaPop, and AustraliaPop are all showing up as reaching a 'crescendo' of 'new all time highs' on 'very very few properties'. Coincident to these 'reported highs', the majority of the data sets are about 'no lending', and 'failing middle class (in home ownership aspirations)'. Yet curiously, 'prices' that 'refuse to fall'. Most of the 'refuse to fall' language is about specific market areas, and appears to be due to 'all time lows' in 'inventories' of 'offered houses'. The more general language about the 'record

low inventories' are also cross linked to 'breakdown' in the 'foreclosure dam' to 'new houses (on the) market'. These sets are not referencing new construction, but rather a larger than expected number of 'houses' being put up for sale over December and January. This 'rush' of new houses into the 'offering to sell' markets includes AustraliaPop, and USAPop, but not CanadaPop in any significant level. These 'rush' sets are supported by 'unexpected', and 'foreclosures', and 'breakdowns (in) rentals ownership', and other language about the 'fear' of 'crumbling lending' which goes to the idea of 'sell now, while you have the chance'. There is language within AustraliaPop sub sets for the 'creeping in' of 'fear (about housing)' as several 'government programs' are described as 'taking it (on the) chin'. Some of these sets are cross linked over to 'mandatory savings', and 'corruption' on a significant scale within the 'management' of these programs.

There are several sets for the beginning of 'regional bank failures' that are going to have impacts on the 'housing markets' across USAPop (mostly). There are no such sets for bank failure in AustraliaPop, although we have some smaller levels of growth for such (lender, not bank in the language) for CanadaPop.

Housing prices, in western republics (mostly), are indicated to go wonky next year just as the cryptocurrencies space is beginning its very rapid growth. The data sets have large numbers of houses with falling prices against a background of no lending of significance. These sets have cross links over March and April to the 'government' being in 'panic reaction mode' as the 'crisis of housing (lending)' is forecast to make itself an 'election year meme'.

## ***DebtSpace:***

Much of the new growth in the DebtSpace sets includes 'unraveling' as a directly held descriptor sets, or contains cross links to such sets. These 'unraveling' sets are supported by the 'political unraveling', and the 'dollar empire' unraveling that is being forecast to 'erupt (into) media' over these next 2/two years (more or less). The impacts of these sets are very severe shifts in emotional tones for the 'DebtSpace linguistic structure as a whole'.

Within the 'dollar empire' sub sets there are new sets bringing in 'corruption' as part of the 'secrets revealed' meta data layer that are showing emotional impacts on the 'dollar empire paradigm'. This is a core component to DebtSpace. The idea here is that 'emotional confidence' within the 'dollar empire' (in a broad understanding of that term) will have 'on the street repercussions' for 'debt' at 'both ends (demand and servicing)'. Both of these are indicated to have 'significant impacts' on 'banks', especially those 'politically tainted banks'.

In a remarkable growth spurt, there are new sets accruing to DebtSpace, sub sets in UKPop, AustraliaPop and USAPop (to lesser extent CanadaPop) for 'revulsion', and 'horror', and 'rejection', and 'repudiation' that are all centering around 'banks (tainted) with pedophile (gang) support charges'. These sets have a 'public reaction' that goes to 'withdrawals (of deposits)', and 'local advertising (against) tainted banks', and other 'demonstrations of revulsion' that will be occurring. While the data shows this as a 'seed' in December, by March, it is yet another emotional driver moving early adopters, in this case, politically, and socially motivated, into cryptocurrencies. Yet again, more sets for 'education wave', and 'developing (cryptocurrencies) education markets' appear as dominating sub sets, even within the major 'markets' sets within DebtSpace linguistic structure. Within the 'markets' sets there are

hints of some of the 'publishing (legacy) mills' that are going to 'get it', and begin to 'shift into cryptocurrencies', at least as far as their 'publishing house brands' are concerned. There are some sets suggesting that they (publishers) will view the 'cryptocurrencies' as a 'race to (the) field', within their industry. This is indicated to have multiple effects on both 'markets' and cryptocurrencies, as the former falls in total words printed about it, and the latter rises.

Other DebtSpace forecasts include 'major impacts (reductions)' in the 'fiat flows' through the system such that 'central banks' become 'alarmed', and 'worried' about 'currencies (fiat) velocity numbers'. Other sets for 'central bank woes' also include 'pedophilia taint' to their 'personnel' and 'practices'. While these associated 'pedo personalities' are initially just 'minor distractions' to their 'business (of managing) fiat', the 'building backlash' is forecast as leading to 'examination (of) business practices' that will be 'placing charters' at 'risk of destruction'. Hmmm...probably not a good thing for central banks.

As modelspace is moved into 2018, and the rise of 'central bank troubles' sets grows into mid year, there are also cross linked sub sets within USAPop for 'regional banks' also experiencing 'severe difficulties'. Some of these sets have some regional banks seen as 'bad guys' in other regions as the 'regional banks' are 'forced' to 'release (large) collections' of 'foreclosed houses' (in areas where they are mostly, marginally, or not doing business as a bank). These cross region 'foreclosure floods' are supporting the 'slowing fiat (use (demand)) rates' within the data.

## ***Conclusion: The 'Far Look' is here...***

Secrets revealed. The words that will be defining this, and maybe the next, decade. It takes a decade a few years to get its feel across. Humans have a tendency to project the current now-feeling forward in their perception of time. What will this decade be known by? "Secrets revealed" may be making its bid for decadal title over this, and next year. The currently rising wave of secrets revealed is showing within our data as not cresting for another two years.

Storms, upon the earth, or within humanity, drive all ahead of the rage and fury of nature unleashed as change. Change writ large proportionate to the storm is arriving now. As noted previously, the confluence of events as this year ends with 'secrets revealed' dam being breached, and 2018 opens to a 'flood of secrets, most dark' is part of the propulsive mix of emotions that will be in control of the unfolding of the 'new view (of the) future' that will begin to emerge even as the 'flames' are flickering within the 'fiat currencies' littering the planet.

Will the wave of secrets revealed break us into the next decade as an echo, albeit technologies oriented, of last centuries 'roaring twenties'?

Modelspace has seeming offered up this view for a number of years. The consistently tied elements of 'blockage' within the political/financial system of the 'corruption pollution' ending has always been temporally conjunct with 'eruption (of) new businesses, new talent, new technologies, new understandings'. The old, fiscally constipated, emotionally coagulated system is dying; freedom to see reality is emerging.

Within our data sets the 'freedom to imagine' a 'realistic (unbound) future' for humanity has been characterized as 'the far look', and it is also associated with a certain 'facial expression', a certain 'depth'

to the eyes, that must be 'earned (and) burned' (as the data suggests the expression will go). Those who will wear the Far Look are being so molded even now. These younger generations are to be Change embodied for humanity in nations all across the planet, in fact, they will make the nation state irrelevant. They are taking us to Space.

They are out there now. If you are discreet, and learn to see it, you can recognize them now. The Far Look has arrived.

# About Predictive Linguistics and our methods

Predictive Linguistics is the process of using computer software to aggregate vast amounts of written text from the internet by categories delineated by emotional content of the words. Predictive Linguistics uses emotional qualifiers and quantifiers, expressed as numeric values, for each and all words/phrases discovered/filtered in the aggregation process. Over 80 % of all the words gathered will be discarded for one or more reasons.

Predictive Linguistics works as NO conscious expressions are processed through the software.

Rather the contexts discussed within the report in the form of entities and linguistic structures (see below) are read up in the various intake software programs, and the emotional sums of the language found at that time are retrieved. Words that are identified within my system as 'descriptors' are passed through the processing as well. These descriptor words, in the main, are those words and phrases that provide us with the detail sets within the larger context sets.

As an example, the word 'prophecy' may be read up by our software at a sports oriented forum. In that case, perhaps, due to the emotional sums around the context, and the emotional values of the word itself within the lexicon, it would be put into the contextual 'bin' within the database as a 'detail word'. Note that the context of the use of the word in the sports forum is lost in the process and is of no use to us in these circumstances. What occurs is that the word is picked up as being atypical in its context, therefore of high potential 'leakage of future' value. The way this works is that most sports forum language about future events would be statistically more likely to use words such as 'bet' as in 'I bet this XXX will be outcome', or 'I predict', or 'I think that XXX will happen'. So it is the context plus emotional values plus rarity of use within the context that flags words for inclusion in the detail level of the data base. Further, it is worth noting that most detail level words are encountered in our processing mere days before their appearance. Within the IM (immediacy data) primarily, and then within ST (shorter term) data next. But a preponderance are discovered within the IM time period. Perhaps an artifact of our processing, if so, one not explored due to lack of time (cosmic joke noted).

Words are linked by their array values back to the lexicon using our set theory model (see below), and the language used within the interpretation (detail words excepted) derives from the lexicon and its links to the changing nature of contexts as they are represented within our model.

Predictive Linguistics is a field that I pioneered in 1993. The software and lexicon has been in continual change/update mode since. This is due to the constantly changing nature of language and human expression.

Predictive Linguistics works to predict future language about (perhaps) future events, due to the nature of humans. It is my operating assumption that all humans are psychic, though the vast majority do nothing to cultivate it as a skill, and are likely unaware of it within themselves. In spite of this, universe and human nature has it that they 'leak' prescient information out continuously in their choice of language. My software processing collects these leaks and aggregates them against a model of a timeline and that information is provided in this report.

The **ALTA report** is an interpretation of the **asymmetric trends** that are occurring even this instant as millions of humans are typing billions of words on the internet. The trends are provided in the form of a discussion of the larger collections of data (dubbed entities) down to the smallest aspect/attribute swept up from daily discussions within that context. Within the ALTA report format, detail words are provided as noted below. Phrases and idiomatic expressions are also provided as details. In the main, geographic references are merely summed, and if deemed pertinent, the largest bag in the collection is discussed as a 'probable', or 'possible' location to the events being referenced within the details.

In our discussions, the interpretation is provided in a nested, set theory (fuzzy logic) pattern.

### ***Definitions:***

***Aspects/Attributes are:*** collections of data that are within our broader linguistic structures and are the 'supporting' sets that provide our insight into future developments. The Aspect/Attribute sets can be considered as the 'brought along' serendipitous future forecasts by way of links between words in these sets and the lexicon.

***Entities are:*** the 'master sets' at the 'top' of our nested linguistic structures and contain all reference that center around the very broad labels that identify the entity: Markets, GlobalPop, and SpaceGoatFarts, as examples.

***Lexicon is:*** at its core level, the lexicon is a digital dictionary of words in multiple languages/alphabets stripped of definitions other than such technical elements as 'parts of speech' identifiers.

The lexicon is quite large and is housed in a SQL database heavily populated with triggers and other executable code for maintenance and growth (human language expands continuously, so the lexicon must as well).

Conceptually, at the Prolog software engine processing level, the lexicon is a predicate assignment of a complex, multidimensional array of integers to 'labels', each of which is a word within the lexicon. The integers within the 8x8x10 level array structure are

composed of: ***emotional qualifiers*** which are assigned numeric representations of the intensity, duration, impact and other values of the emotional components given

by humans to that word.

and also contain: *emotional quantifiers* which are assigned numeric representations of the degree of each of the 'cells' level of 'emotional assignment'.

**Spyders are:** Software programs, that once executed are self directing, within programmed limits, thus are called 'bots', and within these constraints are allowed to make choices as to linguistic trails to explore on the internet. The job of the spyders is to search, retrieve and pre-process (part of the exclusions process that will see 90% of all returned data eliminated from consideration in our model) the 'linguistic bytes' (2048 words/phrases in multibyte character format) which are aggregated into our modelspace when processing is complete.

### **Data Types**

**IM = Immediacy** data with forecasting effectiveness from 3 days to the end of the third week. Error range is 4 weeks.

**ST = Shorter Term** data with forecasting effectiveness from the 4<sup>th</sup> week out through and inclusive the end of the 3<sup>rd</sup> month (from date of interpretation). Error range = 4 months.

**LT = Longer Term** data with forecasting effectiveness from the end of the 3<sup>rd</sup> month out through and inclusive of the end of the 19<sup>th</sup> month. Error range = 19 months.

### **Terms employed:**

**Cross links** – links from one cell in the data base and its software representation to another due to a shared linguistic structure or pattern.

**Linguistic structure** – In my modelspace, a linguistic structure is a 'master set' and all its contained sub sets (also known as 'directly held' sub sets). At the very highest level, each and all entities within my model are linguistic structures; which, in their turn, are composed of many sub sets of other linguistic structures. Modelspace allows for 256 layers of 'nesting' of these sets and sub sets. Each of which, can and may, be a complex set of its own. Obviously the model is derived from Object Oriented Programming at its highest level.

**Meta Data Layer** – in modelspace, when a meme appears directly held in numerous sets, at the same



level of support, it is labeled as a 'meta data layer'. These 'layers' can be thought of as a common linguistic structure that forms with differing supporting sets in the various entities. For clarity, a meme in Terra entity would not have the same supporting sets as that same meme in the GlobalPop entity, but both would be part of the larger meta data layer that the meme reveals.

**Modelspace** – in the interpretation, the data sets are represented on screen in a 'virtual box' fashion in which a 3d box is drawn and the lexicon linked words from the latest data processing are shown within the 3d box by position, and color, brightness and hue of the individual pixels. Using an algorithm of my own design and the predicate calculus of the prolog programming language, modelspace is populated by these data base representations in a manner that resembles 'scatter graphs', but at a 3 dimensional level. By toggling on or off several advanced features of our 3d box software, the various levels of data, and cross links and other technical elements may be displayed.

**MOM** – model of modelspace. In the very first public release of information from my process, a self-referencing loop was created by internet articles about the release, and thus the next time the spyders were invoked, the process crashed on self-referential, circuitous references to my own work. As a corrective measure, MOM (models of modelspace) was devised as my very improvement on the process. MOM holds a copy of my interpretation as well as links to areas on the net to exclude from consideration within the predictive linguistic work.

**Set** – Our approach involves the use of complex (fuzzy) set theory originating in the software industry's quest for 'intelligent machines' or 'ai (artificial intelligence)'. In our approach, the fuzzy sets are based on the ability to define such concepts as 'near', 'close to', 'about', and 'like' among many others which provide me the ability to assign a numeric representation as a 'quantifier' to human emotions which are the key element to future forecasting from predictive linguistics.

**Temporal Echo** – these are linguistic echos across time that will reference the same, previously forecast, meme and its emotional parameters. The language manifest in both instances, that is, the temporal (meme) anchor and its echo will be related to each other, though frequently the repeating echo is larger in both scope and intensity. In some cases the meme is 'completed' in our predictive linguistics sense of that word by the echo phase of the meme.

**TM = Temporal Marker**, think of this as a 'book mark' against which you may remember specific details of the forecast. These are chosen due to some (more or less) easily identified linguistic 'tell-tale' that we expect to show up in the forecast language within media discussions.