Blockchain PSIG Call Notes

*23 Jan 2020*

# Attendees

* Ian Stavros
* Lars Toomre
* Mike Bennett
* Rencher, Robert J
* Nelson Nelson
* Robert Stavros

# Agenda

* Updates on current initiatives
* Webinar / RFI update
* OMG Meeting Agenda
* Libra cryptocurrency
* Definitions
* Planning future calls

# Current Initiatives Updates

Things we have in flight:

* LETS RFP
* Event Scheduler RFP
* IOTA Node / Tangle RFC
* The Interoperability RFI
* DIDO
* DIDO TE
* DIDO CLI

Other things to keep an eye on:

LT: The Libra (Facebook digital currency) controversary and the new design of the ACH.

Coming out of the Boston Blockchain Association.

## LETS RFP

Linked Encrypted Transaction Streams.

MAM Specification from IOTA is the exemplar for this.

Started work in the Google Docs.

Proposal: Report back every couple of meetings

Maybe work on the detail at a future meeting.

### Applicable standards

There was also mention of a standard this might extend or more likely refer to in the OMG stable.

Status: MB to find that spec and read it. Find where that fits in.

Review on a future call

## Event Scheduler RFP

Exemplar: IOTA EEE.

IOT-specific implementation of principles in existing OMG standards.

Status; MB to read through those applicable standards.

Then draft the RFC.

Review on future call(s).

## Tangle RFC

Presented an updated draft in December.

New: Hornet. Node implementation.

Some of the code being used more widely.

Implication: the de facto standard is well documented somewhere.

## DIDO et al Updates

NS working on the Command Line Interface (CLI) for something, which no-one ahs addressed elsewhere.

If we are able to work through a CLI, thi ss a ste forward – similar to databases when we want from separate APIs to a standard CLI called SQL. Allowed for ODBC to become standard way to connect to any databases.

So the CLI proposed is not for a specific product but for DLTs generally.

Not all vendors might be able to do this. Some grammatical issue s may remain. The ideas that are in common are what NS has been working on. How to select genesis node etc.

**Action:** Schedule a full session on this, as early as next week.

* Confirmed for next week

If e.g. IOTA could help work on this, that would also help.

We may find there are some things that only exist in a trade blockchain, some tht only exist in a DAG, some that exist only in specific architectures.

Also covers notions like pedigree.

May be different profiles.

# Blockchain Interoperability RFI

## Webinar

Yesterday (22 Jan).

Recording is now available. <https://www.brighttalk.com/webcast/12231/382023>

## RFI Responses

Comments Due date 1 Feb. This is flexible – we did ot need to change the RFI or have an additional vote for people to respond at a later date, we just notify them (n the webinar and elsewhere) that the date is flexible and that we will continue to expect responses through February.

**Suggest:** get responses in during Feb. Gives us enough time to review.

### Reponses expected

Jackrabbit 01 Feb

One other by or around 01 Feb.

## Other RFI Feedback

Eric Cohen (via email): some aspects might be too early for standardization.

Once 01 Feb has passed we can see who to chase up.

## RFI Next steps:

Some of these calls we start on review such responses as there have been

Formally review those in MARS in March 23 (Monday)

Brainstorm possible RFPs / scope etc. Tuesday/Wednesday Blockchain.

# OMG Meeting

Blockchain PSIG

Meet with MARS on Monday afternoon

We meet as a group for one half day Tue or Wed.

*Note: The details on dates were not to hand during this meeting as this was not a scheduled agenda item. Adding this information after the meeting, from the 08 January FDTF monthly call and the 09 January Blockchain PSIG call, we have the following sessions:*

* *Monday afternoon: Blockchain PSIG as guest of MARS PTF*
* *Tuesday morning: FERM WG* 
  + *FDTF as Guest*
* *Tuesday afternoon:* 
  + *Government DTF*
  + *AI PSIG*
  + *OMG Board*
* *Wednesday morning: SBRM Education Session*
* *Wednesday afternoon: Blockchain PSIG*

*(At the 08 Jan FDTF session it was thought that AI PSIG was to meet on Wednesday afternoon)*

**Discussion** (without sight of the above)

FDTF: Be a guest at Tue morning FERM.

Gov DTF is Tue afternoon

Wed afternoon: This Blockchain PSIG meets.

# Libra

Facebook cryptocurrency thing

Is not distributed technology, as it is on Facebook server.

So it’s not not a cryptocurrency but it’s not a DLT type of cryptocurrency.

Consider the R3/CORDA ‘Blockchain Menu’

We can probably consider describing the Libra thing in terms of menu options.

N: I believe it has an edit transaction capability, rather than an immutable ledger.

(IOTA has been asked to add such a function). Of course this impacts the immutable aspect of things.

**Action:** set up a session on one of these calls to look specifically at Libra

Maybe even invite FB to talk to this group about that.

Who could set this up? Only Richard Soley. Someone reach out to him about that. Formulate what we want them to do first.

## Libra and ACH

ACH = Automated Clearing House

LT: The Libra (Facebook digital currency) controversary and the new design of the ACH. Coming out of the Boston Blockchain Association. The US Fed has been looking at adapted BC for the encryption aspects.

Someone was looking at one of the existing coins for that. Now FB may be suggesting Libra. May impact on the results.

ACH is a clearing house for payments that may support credit transfers and direct debits.

See <https://en.wikipedia.org/wiki/Automated_clearing_house>

Part of move to do away with paper cash. Similar to China.

Some study to be done on these things e.g. level of fluency, cash usage etc. v income strata.

Suggest we need some conversation on this call ahead of any FB invite.

### Boston Fed

Boston Fed is the one leading the definition of FinTech including the blockchain side of things. there is a link with papers on DLT and FinTech.

**Proposal:** We should look at this.

**Background:** Federal Reserve. There are 5 such making up the US Federal Reserve sysstem (e.g. Boston, New York, Kansas etc.). Boston is one such.

See their definition of what they mean by DLT.

Boston Fed is also a member of Hyperledger.

**Status:** Focus on this in the next couple of weeks.

# Definitions

The definition for ‘Blockchain’ as part of the FDTF definitions exercise that was started in December. We agreed that this needs to be separate from the original FDTF effort and should come from the Blockchain PSIG. Also should have a definition for DLT.

We should work on this definition in a future session of this group.

# Meetings Plan

Deal with each of these things above, as they come up.

**Next week:** DIDO Command Line Interface (CLI) presentation (Nick Stavros)

(see notes above)

# AoB

No.