Blockchain PSIG notes

*14 Feb 2019*

# Attendees

* Karen Shunk
* Rob Nehmer
* Rencher, Robert J
* Bobbin Teegarden
* Uwe Kaufmann
* Wales, Char
* Mike Bennett

# Agenda

* RFC/RFP Plans
	+ Ternary spec
	+ IOTA Node Standard
* Event planning
	+ Special Event
	+ PSIG F2F

# Notes and Decisions

## IOTA Standards Proposals

### Ternary

#### Features

* Ternary format – digits
* Use in IOTA i.e. 2 trytes etc.
* Tryte Alphabet

### Questions

If RFP, what are the requirements that this is satisfying?

Whether or not this is necessarily IOTA – is there value in others being able to do things that are conformant to this proposed specification. Satisfies a set of requirements, either mandatory or optional? Could other people respond as well?

#### Comments

What happens if IOTA is based on this and the group wants to do something else with it?

RFP: we could frame this as an RFP and identify the conformance points that IOTA needs

If still squishy - Doing an RFP would limit their future directions.

RFC process assumes it is all done. RFP process would give IOTA the flexibility to work on it and come up with something that satisfies it.

As a Foundation they invite participation anyway.

#### Rationale

More combination

Also there is hardware that support trits

(so, does that hardware support the balanced or the unbalanced or both?)

### Question

IOTA Node Architecture. overall architecture is a lot like CORBA (vastly distributed system of systems)

Was it a single RFP?

Whose charter? MARS.

Blockchain Handshake Group: Found the press release for formation of OMG. Read a lot like the charter of the OMG itself. Laid out the initial idea for CORBA. Gave latitude for the other things.

Andrew Watson would have an insight on this. Was there a family of RFPs or just one? We don’t know.

DEC saw a single RFP.

Came from ORBOS, the predecessor of MARS.

### RF\* Venue

IOTA Node: MARS; RFC? MARS prefers RFP.

Ternary: MARS; RFP?

IOTA Client etc.

Prefer RFP. Don’t like targeting a specific vendor.

IOTA: is a specific environment, in which anyone should be able to write software that is conformant to the standard for what is needed to run in that environment.

Still comparable to CORBA RFP. Came from a framework out of HP.

Other vendors may like the IOTA approach.

IOTA has unique way of using Ternary, what to share what they have done. RFC would be faster to share what they have.

Decision: Start with RFC to get something in the ground; can later write RFPs to expand on that system.

Node Standard – can also be an RFC but there is nothing to stop others implementing their own.

RFP – entire architecture.

Can we get a shell of the RFP there for the broader architecture and / or the Node.

#### RFP rules

Two rules apply:

1. Come in with either a presentation on or a draft RFP on the meeting before, to have it reviewed in plenary by the intended issuing TF one meeting prior to going to the AB. No 4 week rule
	1. So we can do that in March
2. Enough of what the RFP will contain, to MARS in Reston.
	1. Between now and June we finalize the RFP and submit that in the template, post by 4wk deadline for June (May).
	2. Can then be issued if the AB agrees with it. But the issuing TF must have reviewed and be aware of the major points of what will be brought out in the RFP one meeting prior.

## Outcomes

Add to Agenda for MARS meeting in Reston:

* The RFP
* The Ternary proposed RFC

Meets all day Monday, and Thursday morning. 1.5h available then.

What happens at MARS:

* PSIG presents RFP presentation of the Node Standard (Monday morning) *45 min*
* Works on outcomes from Monday morning
* PSIG presents the proposed RFC for Ternary as well
	+ MARS decide whether to make this an RFC or do an RFP depending on feedback *30 min*
	+ Thursday morning

# Special Event

## Confirmed speakers

* Nick Stavros confirmed

BT: No responses to requests; still working on it

* The NYC startup
* Lehman Baird of Hashgraph
* Meetings in the DC area – get a speaker from them
* Joe Renz – to contact

### Possibles:

* Peter Denno (NIST)
	+ Char will approach him cc MB, BT, NS
* Dennis Gerson (retired) so no.
* Gerardo Pardo (DDS) – drop this one
* GS1 – Karen will approach someone on the supply chain side
* Libra (Brennan): will be out of town that week; passed along to their marketing dept who would contact RN if interested.
* MITRE has a thing called the Handshake group – Char will post request for presentations there
	+ MITRE – Char will approach someone in their Blockchain group via the above
* Keynote: KS to ask Richard Soley. Half hour if possible
	+ MB last time we had an intro from Richard Soley followed by a keynote from someone else
	+ See subsequent correspondence on possible keynote speaker
* IOTA: MB can do something on this?
* Panel – RS to run that.

KS: See also <https://www.blockchaindc.com/>

Applied Blockchain

Monday afternoon.

# AoB?

No.