Blockchain PSIG Call Notes

*5 August 2021*

# Attendees

* Rob Nehmer
* Robert Rencher
* Mike Bennett
* Nick Stavros
* Bobbin Teegarden
* Marilyn Pineda

# Agenda

* QM plans
* RFI

# Meeting Notes

## Quarterly Meeting

Whether to make it physical?

In the US mask wearing is mandated indoors in many places e.g. university, starting today. Including fully vaccinated people.

So this is a change from previously.

Also US Gov will require all visitors from overseas to be fully vaccinated but that does not mean they will allow people in yet. Otherwise only letting anyone in under emergency type of conditions.

So there remains a real chance that folks from overseas (like Mike) may not be able to be let in. Or may be that up to the last minute one would not know, which discourages booking flights and hotel rooms.

So…

Anyone going in person from this group?

* Nick is away overseas anyway.
* Rob not going in person
* Mike unclear for now.
* Bobbin likely not going
* Ian and Char will be there in Burlingame physically

So do we want to ask for a physical room for this group?

So (a) we have a reason to have a physical presence BUT

(b) we don't have a chair to host it

Do we need to meet at all for the QM?

* Expecting RFP response but that's for MARS
* This RFI for Smart Contracts? Want to publish that in Burlingame.

### Proposal:

Meet virtually for a half day?

OR wait for Ian and consider asking for a physical meeting presence.

Or could impose upon either Ian or Char as Jackrabbit employees.

Proposal 2: We ask for a room and Jackrabbit will arrange physical presence if Mike is unable to make it.

**Conclusion:** that. MB to respond to the OMG management to request a room.

Days?

Things to avoid: Wednesday is likely to be AI Day

Tuesday would work for us. Afternoon or morning.

Or Monday morning.

What else is on Tuesday?

Ask for Tuesday Afternoon.

### Agenda Items

#### DIDO updates

DIDO RA specifically

May also have an update on the CLI.

Concepts – are those even commonly defined across the DLT world?

### Personnel Updates

Now that Nick is on the AB he can no longer be a co-chair.

We could nominate someone else e.g. Ian Stavros if he's willing.

Ian is willing; to be voted on at the QM. Interim for now.

## Updates

GBA meeting today.

ISO have some standards in this space (at the usual CHF price). So 4 standards would set you back a grand – non-starter for the DLT community.

Also they have an assessment – with 4 NFRs from the ISO 25000 series. Not clear why other NFRs not included.

This is why ISO is not the ideal venue for DLT related standard, whereas OMG is in a better place for such standards.

They are also coming up with a maturity model and some ontology standards.

ISO Ontology standards? What sort?

See TC307 site at:

<https://www.iso.org/committee/6266604.html>

Ontology:

<https://www.iso.org/standard/75094.html?browse=tc>

To what extent can we expect DLT to relate to standards?

* Very little
  + E.g. IOTA is engaged with OMG as part of their corporate good citizenship
* Ethereum is its own de facto standards orgaizatoin

### ISO Standards overall

#### Published Standards:

ISO 22739:2020 Vocabulary

ISO/TR 23244:2020 Privacy and personally identifiable information protection considerations

ISO/TR 23455:2019 Overview of smart contracts and interactions between smart contracts

ISO/TR 23576:2020 Security management of digital asset custodians

#### Work Planned or underway:

ISO/DTR 3242 Use cases

ISO/WD TR 6039 Identifiers of subjects and objects for the design of blockchain systems

ISO/WD TR 6277 Data flow model for blockchain/DLT use cases

ISO/DTR 23249 Overview of existing DLT systems for identity management

ISO/FDIS 23257 Reference architectures

ISO/PRF TS 23258 Taxonomy and Ontology

ISO/WD TS 23259 Legally binding smart contracts

ISO/DTS 23635.2 Guidelines for governance

ISO/WD TR 23642 Overview of smart contract security good practice and issues

ISO/WD TR 23644 Overview of trust anchors for DLT-based identity management (TADIM)

### IOTA Update from last time

The open specifications are not formally published at a given version, so the tables of terms and parameters are not there yet.

But the term we are looking for was probably an error.

## Smart Contracts RFI

### Applicable Standards

In Background section – include the ISO references or pointers (and put the referenes in the reference section and descriptions in the Overview)

In ISO there are 3 standards relating to SCs (one published, 2 under development)

**Published:**

ISO/TR 23455:2019 Overview of smart contracts and interactions between smart contracts

*Questions:*

"Are you aware of these published ISO standards?"

**In Development:**

TS23259 Legally Binding Smart Contracts

TS 23642 Overview of Smart Contracts security good practices

*RFI - Add to Questions:*

"Are you aware of these ISO standards under development?"

#### Other standards

"Are you aware of ETH RFCs (ETFs); would you use / are you in a position to us these?"

Are you aware of other standards applicable to Smart Contracts or to your intended / existing usage of Smart Contracts.

### RFI Edit actions:

Add explanatory stuff re ISO and other standards in the Section 2.1 background stuff

Add questions as above into Section 2.whatever on ISO and other standards

Add References to the 3 ISO Smart Contract related standards.

### What other standards questions do we want to ask people?

(and accompanying background info)

Do we need to ask any questions about their awareness of DIDO in the RFI questions.

Q to ask:

Are there NFRs they are aware of / have thought about, and standards relating to those?

### Other Standards related questions for the RFI?

None at the moment.

### Concept Questions

Review the alternate weeks stuff on e.g. permissionless, private etc.

See if RFI responders recognize those definitions / have other definitions.

### Other questions for the RFI.

None for now.

## AoB

MB to post an updated version of the RFI to the Wiki.

- would be helpful

Post a link to the mail list when done.