

2023-09-14 TRTF Meeting Notes

Meeting Date

- 14 Sept 2023 The ToIP Trust Registry Task Force (TRTF) meets weekly twice every Thursday at the following times (to cover global time zones - see the [Calendar of ToIP Meetings](#) for full meeting info including Zoom links):
 - **NA/EU 07:00-8:00 PT / 15:00-16:00 UTC**
 - **APAC 18:00-19:00 PT / 02:00-03:00 UTC**

Zoom Meeting Link / Recording

- NA/EU MEETING: https://zoom.us/rec/share/MyOkpj39nomlrW0fCJi6tgkDfJta9JpyR0iJovg5a60g0IMcgzTP_Mb-Upw79jj.YGW_9Smp5euCfbBf?startTime=1694700215000
- NA/EU Chat transcript: <https://zoom.us/rec/sdownload/Zz2gwrh77ZbY4LxZR2hxKH6X9cpgC6h1UKX2Kj4tk0StVW8CEjLJKa9x0fdhuHEvWsE4mjMDbYBjCfJg.pSYjk7giFLsgrOwB>
- APAC MEETING: <https://zoom.us/j/92238278364?pwd=bXJoNzltMDJFdWZKWnovUG5MZk0rUT09>
(These links will be replaced with a link to the recording of the meeting as soon as that is available)

Attendees

NA/EU Meeting

- [Darrell O'Donnell](#)
- [Antti Kettunen](#)
- [Andor Kesselman](#)
- [sankarshan](#)
- [Sam Curren](#)
- [Christine Martin](#)
- [Samuel Rinnetmäki](#)
- [Marcus Ubani](#)
- [@Jesse Carter](#)
- [Steve McCown](#)

APAC Meeting

- [Darrell O'Donnell](#)
- [Andor Kesselman](#)
- [Dima Postnikov](#)
- [Alex Tweeddale](#)
- [sankarshan](#)

Agenda Items and Notes (including all relevant links)

Time	Agenda Item	Lead	Notes
5 min	<ul style="list-style-type: none"> • Start recording • Welcome & antitrust notice • Introduction of new members • Agenda review 	Chairs	<ul style="list-style-type: none"> • Antitrust Policy Notice: <i>Attendees are reminded to adhere to the meeting agenda and not participate in activities prohibited under antitrust and competition laws. Only members of ToIP who have signed the necessary agreements are permitted to participate in this activity beyond an observer role.</i> • New Members:

20 mins	Trust Registries as a data product?	Antti Kettunen	<p>There is an Open Data Product Specification, that deals with creating different productizing models for data. Are Trust Registry contents Data products, akin to industry data, statistics, etc.? Should trust query from a TR be possible to be monetizable?</p> <p>Some have also mentioned that the ToIP metamodel is missing the business layer, so this affects also our larger view on the monetization models.</p> <p>We'll do a brief look at the Spec and discuss.</p> <p>Website: https://opendataproducts.org/ Github: https://github.com/Open-Data-Product-Initiative/open-data-product-spec-2.1 Spec: https://open-data-product-initiative.github.io/open-data-product-spec-2.1/</p> <p>https://zoom.us/rec/sdownload/Zz2gwrh77ZbY4LxZR2hxKH6X9cpgC6h1UKX2Kj4tk0StVW8CEjLJKa9x0fdhuHEvWSE4mjMDbYBjCfJg.pSYjk7giFLsgrOwBLLively discussion with pro's & con's on monetization of TR's and how that could work. There is a consensus that there will likely be a need for some mechanism to include monetization.</p>
30 mins	TR Protocol & Requirements	Darrell O'Donnell	<p>Requirements: https://github.com/darrellodonnell/tswg-trust-registry-tf/blob/main/v2/requirements.md</p> <p>It was decided that we need to push to finalize the TR Protocol requirements in the upcoming weeks.</p>
5 mins	<ul style="list-style-type: none"> Review decisions/action items Planning for next meeting 	Chairs	Darrell O'Donnell sankarshan Antti Kettunen work on finalization of the requirements.

Screenshots/Diagrams (numbered for reference in notes above)

#1

CHAT LOG (EU/NA call) - there were many discussions in parallel to the in-meeting discussions:

00:04:44 sankarshan mukhopadhyay: <https://opendataproducts.org/>
 00:05:36 sankarshan mukhopadhyay: Replying to "<https://opendataproducts.org/>"

<https://open-data-product-initiative.github.io/open-data-product-spec-2.0/#open-data-product-specification-2-0>
 00:07:55 Antti Kettunen: <https://github.com/Open-Data-Product-Initiative/open-data-product-spec-2.1>
 00:08:24 sankarshan mukhopadhyay: (Just a quick read of the highlights - it seems like thematically this aligns well with the Data Mesh approach where the semantics of data is expected to be moved closer to the source/origin. And considering it as a product brings up product level requirements around service quality, agreements etc)
 00:11:24 Sam Curren: Including the details inside each credential also forces them to be evaluated individually. Most of the ecosystems I've been studying need more generalized rules for credentials, not ad-hoc/per-credential evaluation.
 00:12:33 Marcus Ubani: Maybe a differentiation between individuals and corporate would be applicable
 00:13:31 Marcus Ubani: And also depending if you inject data or just retrieve data
 00:17:01 Samuel Rinnetmäki: I guess that some trust registries could be free for all.

Some registries can be monetised by the "registry admin" charging fees from the authorized issuers and/or verifiers listed in the registry.

I guess a minority of registries would charge per query.
 00:18:40 Sam Curren: I understand the economic need to support the operation of a trust registry, but I still cringe at application of this work toward rent-seeking architectures. Honestly, that's why I'm so interested in reducing the cost of running a trust registry, all the way down to producing a signed file that contains the necessary information.
 00:20:02 sankarshan mukhopadhyay: I am not naive to think that TRs won't be monetised. However, I am at this point unable to see how ToIP's work on TR can recommend a monetization approach. The spec itself provides many hints around avenues to monetize
 00:20:19 Jacques Latour: the trust registry governance cost money, the registration process cost money, the people time to validate registration, issues, to ensure they are who they say they are... all cost \$\$\$
 00:20:45 Jacques Latour: depends on the governance model...
 00:20:46 Marcus Ubani: Providing a TR must contain a certain reward for the service provider. For govt that is clear, but if you want to foster decentralization, then financial incentives might be necessary
 00:21:40 sankarshan mukhopadhyay: Replying to "Providing a TR must ..."

Someone could decide to run a service like a data aggregator in front of a TR in order to push the value in front of the TR instead of in the TR itself. There are a number of possible opportunities.
 00:21:44 Andor Kesselman: hey guys. have to drop for something. seems like this is a good call. see you guys on the APAC call and catch you all next week if I don't see you later today
 00:22:04 Antti Kettunen: Reacted to "hey guys. have to dr..." with
 00:23:41 Subhasis Ojha: I think TR Protocol needs to be completely independent of monetization models .. as businesses decide on that ..
 00:24:01 Marcus Ubani: Replying to "I am not naive to th..."

imho it adds more authority to ToIP if different economic models can be show cased. Becoming self sustainable and provide consulting around it.

It is at least worth exploring the types

00:24:25 Jacques Latour: spec should consider transaction fees...

00:24:30 Marcus Ubani: Replying to "Providing a TR must ..."

But you still need to run the infrastructure

00:24:34 Sam Curren: Non-rent seeking models use free access to governance to leverage the economic benefits of the ecosystem it supports. Rent seeking models seek to place themselves as a monopoly of information in a multi-sided market. I'm far less opposed to charging for inclusion in a registry, I'm very opposed to charging for access to the information in a registry.

00:24:37 Marcus Ubani: Reacted to "hey guys. have to dr..." with

00:25:09 Jacques Latour: 100% free

00:26:17 Samuel Rinnetmäki: Reacted to "I think TR Protocol ..." with

00:26:58 sankarshan mukhopadhyay: Replying to "Providing a TR must ..."

Absolutely - this does not happen for free or, in thin air

00:28:22 Sam Curren: Considering the cost and possible fees have an impact on protocol design - there is no incentive to make the infrastructure as efficient as possible if plans exist to charge for it. Desire to charge for trust registries promotes a design heavy enough to justify the charges.

00:28:44 Antti Kettunen: Reacted to "Considering the cost..." with

00:28:47 Antti Kettunen: Reacted to "Non-rent seeking mod..." with

00:29:21 Antti Kettunen: Replying to "Non-rent seeking mod..."

I like how you put this: less opposed vs very opposed. :)

00:30:56 Jacques Latour: Registrations in the Trust Registry should/could have a mechanisms to charge a fee Queries to the Trust Registry may have a mechanism to charge a fee (but this is where queries are usually free, 100% free in the DNS world and others)

00:31:21 Marcus Ubani: Reacted to "Registrations in the..." with

00:31:25 Antti Kettunen: Here's the doc we're looking at: <https://github.com/darrellodonnell/tswg-trust-registry-tf/blob/main/v2/requirements.md>

00:31:59 Marcus Ubani: Reacted to "Here's the doc we're..." with

00:33:21 Sam Curren: Replying to "Non-rent seeking mod..."

Qualifying a participant for participation in an ecosystem has costs - I sincerely hope that the actual cost of just the trust registry is negligible.

00:33:46 Darrell O'Donnell: Replying to "Registrations in the..."

agreed - my hunch is that most Trust Registries will be free. That said, I am looking forward to seeing the fee-based Trust Registries as movement of fees shows where the value is.

00:35:19 Sam Curren: I realize I'm in the minority, but I strongly oppose access control mechanisms for reading data.

00:35:54 sankarshan mukhopadhyay: Replying to "I realize I'm in the..."

My hunch is that there will be ecosystems where the GAs will need access management for the dataset.

00:36:21 Sam Curren: Replying to "I realize I'm in the..."

GAs?

00:36:41 sankarshan mukhopadhyay: Replying to "I realize I'm in the..."

The authorities which govern the TRs and related infrastructure for that ecosystem.

00:37:24 Sam Curren: Replying to "I realize I'm in the..."

I have not yet seen an example of a trust registry where hiding the roles of participants is a requirement.

00:38:40 Subhasis Ojha: <https://data.ontario.ca/>. Free data source .. some of the data here is like a trust list

00:39:55 Marcus Ubani: Reacted to "[https://data.ontario...](https://data.ontario.ca/)" with

00:51:10 sankarshan mukhopadhyay: "Tends to be more lightly attended"

00:52:07 sankarshan mukhopadhyay: <https://github.com/darrellodonnell/tswg-trust-registry-tf/blob/main/v2/requirements.md> ?

00:52:21 Antti Kettunen: <https://github.com/trustoverip/tswg-trust-registry-tf/issues/101>

Decisions

- Sample Decision Item

Action Items

- Sample Action Item