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Decentralized Semantics WG Weekly Meeting

28 July 2020

 THE **LINUX** FOUNDATION

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Agenda

1. Welcome (Paul—5 mins)
2. Newcomer Introductions (5 mins)
3. Task Force Updates (10 mins)
4. Tutorial: OCA Editor (Robert—15 mins)
5. Tutorial: OCA Repository (Robert—15 mins)
6. Blinding Identity Taxonomy (BIT) (Paul—5 mins)
7. Logistics (Paul—5 mins)
 - a. Chairs
 - b. Meeting schedule

Newcomer Introductions

(30 seconds!)

1. Name
2. Location / time zone
3. Affiliation(s)
4. One-sentence summary of your interest in Decentralized Semantics (or **one particular semantics-related** issue you personally want to see solved)

Task Force Updates

(10 mins)

- Imaging TF (Scott/Moira)
- Medical Information TF (Scott/Moira)
- Notice & Consent TF (Mark/Sal)

OCA Editor

<https://editor.oca.argo.colossi.network>

Robert Mitwicki, Human Colossus Foundation (15 mins)

OCA Editor - Description

The OCA Editor contains a suite of tools to enable the creation of schema bases and overlays which can either be constructed from scratch or further enhanced using existing stored repository assets.

The editing suite also contains ...

(i.) a hashlink tool to enable the creation of [hashlinks](#) which contain a cryptographic hash of the resource, one or more URLs, and a content type. A hashlink can be used as a type of Decentralized Resource Identifier (DRI).

(ii.) a CSV parsing tool to enable the creation of schema bases and overlays using comma-separated values (CSV) files which are defined in an OCA-compliant format.

OCA Repository

<https://repository.oca.argo.colossi.network>

Robert Mitwicky, Human Colossus Foundation (15 mins)

OCA Repository - Description

The OCA Repository is stored on a dedicated server at The Human Colossus Foundation.

- An API controller with read/write actions can be used to ...

- (i.) retrieve schema bases and overlays that are stored in the repository; or*
- (ii.) publish schema bases and overlays to the repository.*

- Schema searches can either be done by ...

- (i.) Namespace (i.e. schema base name); or*
- (ii.) Decentralized Resource Identifier (DRI) (i.e. hashlink).*

Blinding Identity Taxonomy (BIT)

Paul Knowles, Human Colossus Foundation (5 mins)

Blinding Identity Taxonomy - Description

The Blinding Identity Taxonomy (BIT) is a defensive tool created for the purpose of reducing the risk of identifying data subjects within blinded datasets. BIT contains a list of elements to be referred to by schema issuers and data controllers for flagging attributes which may contain identifying information about governing entities. Once attributes have been flagged, any marked data can be removed or encrypted during the data lifecycle.

Blinding Identity Taxonomy - Links

- › BIT blog post
 - › <https://humancolossus.foundation/blog/blinding-identity-taxonomyreducing-the-risk-of-identifying-governing-entities-in-blinded-datasets>
- › BIT in PDF format
 - › <https://docs.kantarinitiative.org/Blinding-Identity-Taxonomy-Report-Version-1.0.pdf>
- › BIT in HTML format
 - › <https://docs.kantarinitiative.org/Blinding-Identity-Taxonomy-Report-Version-1.0.html>

Chairs

- › As a Working Group, we elect our own chairs
 - › At least one, and up to three
 - › Two or three is recommended to spread out the load
- › We can periodically rotate chairs as needed
- › Volunteers now?

Meeting schedule

- › Call timing
 - › **ToIP Decentralized Semantics WG**
Every Tuesday starting
09:00 PT, 12:00 ET, 17:00 UK, 18:00 CET
- › Next meeting
 - › August 4th, 2020



Closing Q & A

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