2022-08-15 CTWG Meeting Notes

Meeting Date

- 15 Aug 2022 The CTWG meets bi-weekly on Mondays at 10:00-11:00 PT / 17:00-18:00 UTC. See the ToIP Calendar for the full schedule.

Zoom Meeting Link / Recording

- https://zoom.us/j/94037882283?pwd=MWFRbmQ3b1FUeUJPRm9iRWRJNFlDQT09
  (This link will be replaced with a link to the recording of the meeting as soon as that is available)

Attendees

- Drummond Reed
- Rieks Joosten
- Sid Haniff
- Neil Thomson
- Brian Dill
- Judith Fleenor

Main Goal of this Meeting

1) Introduce Neil Thomson, 2) Check on progress of the ACDC terms wiki, 3) Review progress on the Terminology Toolbox 2.0, 4) Next steps on potential Mental Models TF.

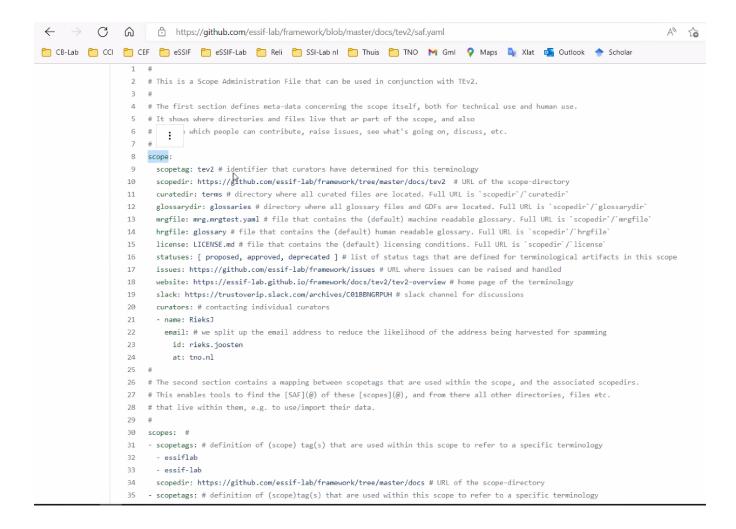## Agenda Items and Notes (including all relevant links)

Time	Agenda Item	Lead	Notes
3 min	- Start recording - Welcome & antitrust notice - Introduction of new members - Agenda review	Chairs	**Antitrust Policy Notice:** *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.* - New Members:
5 min	General announcements	All	Any news and updates of general interest to CTWG members - Neil Thomson has a background in business intelligence and analytics market. At ToIP he has been involved with the Inputs and Semantics WG (soon to become the Data Representation or Data Modeling WG). He notes that terminology is a constant battle in these areas. - He noted that there is a lot of talk about data containers, but most of the world is dealing with streaming data where data is "in a pipe".
2 min	Review of previous action items	Chairs	☑ ACTION: Drummond Reed to connect Neil Thomson with Rieks Joosten to discuss the ToIP Technology Architecture Specification glossary needs and the Terminology Toolbox 2.0 work. ☑ ACTION: Drummond Reed to work with Nicky Hickman on an outreach message for this coming Wednesday's All-Member Meeting for a Mental Models Task Force to focus on leveraging mental models within and outside ToIP. ☑ ACTION: Drummond Reed will notify Elisa Trevino to remove the Aug 1 and 29 meetings.
10 min	Review progress on the ACDC terms wiki	Henk van Cann	Henk is not able to attend but invites us to review progress at https://github.com/trustoverip/acdc/wiki

20 min	Review progress on the Terminology Toolbox 2.0	Rieks Joosten Sid Haniff	• Sid Haniff reported that there is a now a working version of the tool that can grab definitions and can create a machine-readable glossary. 　◦ The repository is https://github.com/trustoverip/ctwg-toolkit-mrg • Rieks Joosten is looking at changing the definitions of some of the CTWG terms that will result in the need to update the tool. He hopes to get those revisions sorted out this week. • Rieks said that the documentation of the Terminology Toolbox 2.0 is coming along. • One open issue is how the glossary generator can be configured to produce different human-readable glossary documents. Rieks said that once we have a way of doing that, then we can not only generate different representations of a glossary, but also be able to produce dictionaries, which can present multiple definitions of the same term. • ACTION: Rieks Joosten to update Sid Haniff with any revisions to the Terminology Toolbox 2.0 documentation that would affect development. Drummond brought up the pending "customers" of the Terminology Toolbox 2.0, specifically the ACDC glossary and the ToIP Technology Architecture Specification glossary. • Neil Thomson discussed the need to be able to see examples of how a term is used. • Rieks shared screenshot #1 (below) to show examples of how a Markdown document can be marked up to include links to definitions inline—and soon including pop-ups. • Neil and Drummond agreed that the Technology Architecture Task Force will work closely with the CTWG and the Terminology Toolbox 2.0 team to ensure that the glossary is a full test of the Terminology Toolbox 2.0 team. • We also discussed how the Terminology Toolbox 2.0 could be used by other orgs like the Decentralized Identity Foundation. Rieks noted that it would be ideal if folks from DIF would like to contribute new tools to the Toolbox. • We agreed that the highest priority for the Terminology Toolbox 2.0 is to convert terms wikis into human-readable glossaries. 　◦ Sid noted that currently several of the terms wikis are using slightly different formats in their terms wiki pages (e.g., different headings). 　◦ Rieks hoped that the tool framework could add new scraping tools. • The second priority is to create different forms of human-readable • The third priority is the "term-ref resolution tool" (TRRT). Rieks showed an example of how the TRRT works. 　◦ The full Terminology Toolbox 2.0 documentation directory is here: https://github.com/essif-lab/framework/tree/master/docs/tev2 　◦ The TRRT is documented here: https://essif-lab.github.io/framework/docs/tev2/spec-tools/trrt 　◦ That link is a good example for how the Terminology Toolbox 2.0 documentation is structured. He shared an example in screenshot #2 (below).
10 min	Next steps on proposed Mental Models TF	Rieks Joosten	• Rieks Joosten added a paragraph to the Bulletin that Judith is sending out this week asking for others who are interested in the Mental Models Task Force.
5 mins	September schedule	Drummond Reed	Reminder that we are not meeting on Aug 29. Drummond will be at the Linux Foundation Open Source Summit at our Sept 12 meeting, so Rieks will need to chair that meeting. ACTION: Rieks Joosten will chair the agenda for the Sept 12 CTWG meeting.
5 mins	• Review decisions /action items • Planning for next meeting	Chairs	

Screenshots/Diagrams (numbered for reference in notes above)

#1

```
29    :::
30
      You, 2 minutes ago | 2 authors (You and others)
31    ### Summary
32    A **Term** is a word or phrase (i.e.: text) that is used in at least one [scope](@)/context to represent specific [knowledge artifacts]
      (@), e.g. [concepts](@), [relations](@) or [mental models](@). We use the phrase '[scoped term](@)' to refer to a term when it is used
      in one specific [scope](@).        You, 2 weeks ago • WIP …
33
34    While a [term](@) is often thought of as a single word (or phrase), it is better conceived as a construct that consists of multiple
      parts, that enables us to use a word or phrase in different kinds for different kinds of [knowledge artifacts](@), as we often see that
      people do in practice. This construct is visualized in the [formalized terminology model](/docs/tev2/terms/patterns/
      pattern-self-sovereign-terminology#formalized-model)), and consists of the following components:
35
36    1. a [term name](@) (required), i.e. an [identifier](@) that is used to represent a [knowledge artifact](@). Note that different
      [knowledge artifacts](@) can have the same [term name](@) (which is known as [semantically overloading](https://en.wikipedia.org/wiki/
      Semantic_overload)).
37    2. a [term type](@) (optional), i.e. an [identifier](@) that is used to [identify](@) the particular *kind* of [knowledge artifact](@)
      that the [term name](@) represents, such as `concept`, `relation`, `pattern` (or `mental-model`).
38    3. a [term attrs](@) (optional), i.e. a list of [attributes](term-attrs@) that enable one to distinguish between [knowledge artifacts]
      (@) that have the same [term name](@) and are of the same [type](term-type@).
39
40    Thus:
41    - a single term may (and typically does) have different meanings ([semantics](@)) in different [scopes](@)/contexts. For example, in
      the context of a beauty-salon, the term 'nail' has a different meaning than in the context of constructing buildings.
42    - different terms (in the same, or different [scopes](@)/contexts) may have the same meaning (i.e. represent the same [concept](@)
      ([synonymity](https://en.wikipedia.org/wiki/Synonym), [alias](https://www.merriam-webster.com/dictionary/alias)).
43
44    The precise meaning of a term thus depends on the [scope](@)/context in which it is used. We use the phrase [scoped term](@) to refer
      to a term that is part of one particular [scope](@)/context, and refers to a single [concept](@) (or other [knowledge artifact](@)),
      and hence is unambiguous.
45
46    The [terminology pattern](pattern-self-sovereign-terminology@) provides an overview of how this concept fits in with related concepts.
47    The [term-ref](@) [syntax specification](/docs/tev2/spec-syntax/term-ref-syntax) specifies the syntax that [authors](@) should use as
      they want to use a specific [term](@) in their text.
48
      You, 2 weeks ago | 2 authors (Rieks and others)
49    ### Purpose
50    Understanding words or phrases uttered by others requires that we are able to 'translate' them into terms that we habitually use, i.e.
      with the meaning of which we are familiar. While this is mostly an (unconscious) automatism, and it is often also not necessary to be
```

#2

```
 1   #
 2   # This is a Scope Administration File that can be used in conjunction with TEv2.
 3   #
 4   # The first section defines meta-data concerning the scope itself, both for technical use and human use.
 5   # It shows where directories and files live that ar part of the scope, and also
 6   #   ⋮ which people can contribute, raise issues, see what's going on, discuss, etc.
 7   #
 8   scope:
 9     scopetag: tev2 # identifier that curators have determined for this terminology
10     scopedir: https://github.com/essif-lab/framework/tree/master/docs/tev2  # URL of the scope-directory
11     curatedir: terms # directory where all curated files are located. Full URL is `scopedir`/`curatedir`
12     glossarydir: glossaries # directory where all glossary files and GDFs are located. Full URL is `scopedir`/`glossarydir`
13     mrgfile: mrg.mrgtest.yaml # file that contains the (default) machine readable glossary. Full URL is `scopedir`/`mrgfile`
14     hrgfile: glossary # file that contains the (default) human readable glossary. Full URL is `scopedir`/`hrgfile`
15     license: LICENSE.md # file that contains the (default) licensing conditions. Full URL is `scopedir`/`license`
16     statuses: [ proposed, approved, deprecated ] # list of status tags that are defined for terminological artifacts in this scope
17     issues: https://github.com/essif-lab/framework/issues # URL where issues can be raised and handled
18     website: https://essif-lab.github.io/framework/docs/tev2/tev2-overview # home page of the terminology
19     slack: https://trustoverip.slack.com/archives/C01BBNGRPUH # slack channel for discussions
20     curators: # contacting individual curators
21     - name: RieksJ
22       email: # we split up the email address to reduce the likelihood of the address being harvested for spamming
23         id: rieks.joosten
24         at: tno.nl
25   #
26   # The second section contains a mapping between scopetags that are used within the scope, and the associated scopedirs.
27   # This enables tools to find the [SAF](@) of these [scopes](@), and from there all other directories, files etc.
28   # that live within them, e.g. to use/import their data.
29   #
30   scopes:  #
31   - scopetags: # definition of (scope) tag(s) that are used within this scope to refer to a specific terminology
32     - essiflab
33     - essif-lab
34     scopedir: https://github.com/essif-lab/framework/tree/master/docs # URL of the scope-directory
35   - scopetags: # definition of (scope)tag(s) that are used within this scope to refer to a specific terminology
```

Decisions

- None

Action Items

☐ ACTION: Rieks Joosten to update Sid Haniff with any revisions to the Terminology Toolbox 2.0 documentation that would affect development.

☐ ACTION: Rieks Joosten will chair the agenda for the Sept 12 CTWG meeting.