

# 2021-03-29 CTWG Meeting Notes

## Meeting Date

- 29 Mar 2021

## Attendees

- [Drummond Reed](#)
- [Rieks Joosten](#)
- [Daniel Hardman](#)
- [Dan Gisolfi](#)
- Foteinos Mergroupis-Anagnou (GRNET)
- chloe immunodex
- [Scott Whitmire](#)
- [RJ Reiser](#)
- [Michael Herman](#)
- [Brian Dill](#)
- [Paul Knowles](#)

## Main Goal of this Meeting:

To see if we can close on the ToIP Term tooling specification and prepare to request a bounty from the ToIP Steering Committee.

## Agenda

Time	Item	Lead	Notes
5 min	Start recording Welcome & Antitrust Policy Notice Introduction of new members Agenda review	Chairs	
20 mins	Review the hyperlinking proposal	<a href="#">Daniel Hardman</a>	See <a href="#">Hyperlinking proposal</a> (one specific component of PR #45 below)
20 mins	Review the updated spec (after <a href="#">Daniel Hardman</a> 's action items) and any other WG input and decide about merging	All	See <a href="#">CTWG PR #45</a>
10 mins	Discuss requesting a bounty from the ToIP Steering Committee	Chairs	
5 mins	Review of Decisions and Action Items and planning for next meeting	Chairs	

## Recording

- [LINK](#)

## Presentation(s)

- *none*

## Documents

- [Hyperlinking proposal](#) (one specific component of PR #45 below)
- [CTWG PR #45](#) — this is the heart of the specification for our proposed ToIP Term tool
- [Issues](#) — the '[PROCESS]' issues are to be addressed for the tool spec.

## Notes

1. New members
2. Review the [Hyperlinking proposal - Daniel Hardman](#)
  - a. This is the most significant aspect of the proposed spec - see slide #1 below.
  - b. Daniel articulated that the scope of what he's proposing are basic hyperlinks represented in a standard way—see slide #2.
  - c. Michael brought up the possibility of compound links or link relationship objects such as ArchiMate can do (he provided [this example](#)). Daniel felt that was more complex than we had the ability to take on. It could still be generated by production (rendering) tools.
  - d. We next discussed Fully Qualified Links and their requirements, including:
    - i. Attribution to the source.
    - ii. Diagrams.
    - iii. Usage examples.
  - e. Cross-scope links must be able to be converted to fully-qualified links.
    - i. These are links that are within the corpus but not within the same scope.

- ii. That means they cross two folders within the same overall CTWG repo, but they are not within the same repo.
- iii. This led to a discussion of the proposed Internal Data Model—see slide #3.
- iv. [Rieks Joosten](#) questioned whether cross-scope links have to be converted to fully-qualified links.
- v. We clarified that a scope can be any curated subset of the corpus.
- vi. That raised the topic of whether there would be an "uber" scope at the top level.
  - 1. Daniel said no.
  - 2. But then we discussed having a "toip" scope that would be curated, e.g. by the CTWG or by a Task Force within it.
  - 3. [Scott Whitmire](#) asked who the governance authorities (GAs) would be.
  - 4. [Drummond Reed](#) proposed that every scope have an associated GA.
- f. [Michael Herman](#) brought up the attribution requirement per CC by SA licenses.
  - i. We discussed that this should also be in hover text produced from the corpus.
- 3. Review the updated CTWG tooling spec ([CTWG PR #45](#) after [Daniel Hardman's](#) action items) and any other WG input and decide about merging.
  - a. We ran out of time to complete this task. See Action Items below.
- 4. Discuss requesting a bounty from the ToIP Steering Committee.
  - a. [Drummond Reed](#) will take the action item for this to be on the agenda for the April 7 meeting of the Steering Committee.
- 5. Review of Decisions and Action Items and planning for next meeting.
  - a. We agreed to hold a special meeting **next Monday at the same time**.
  - b. [Drummond Reed](#) will request the special meeting calendar invite from [David Luchuk](#)
  - c. [Dan Gisolfi](#) proposed that everyone come to the meeting prepared with any questions or issues so that we can close on a bounty request at that meeting (which is two days before the Steering Committee meeting).

## Slide Shots

### #1 from [Daniel Hardman](#)

The screenshot shows a GitHub page titled "Hyperlinks" with the following content:

Terminology data needs to be richly linked to maximize its utility. How hyperlinks work is an important subtopic and should be studied carefully.

The following categories of hyperlink are important to CTWG tooling:

- Local links
- Fully qualified links
- Cross-scope links
- Links from issues
- Transverse links
- Transformed links

Each of these link types has different semantics, different features, and different behavior at different points in the data lifecycle.

### Local links

A local link is between any two pieces of corpus data in the same scope, with no explicit version or branch. This is the most common kind of link in our data, and it is simple to create. Supposing `term-a` and `term-b` reference one another in their notes, and `term-1` references concept `1-a` for its definition, we would analyze local links like this:

stage of lifecycle	format of local link
curate	During curation, the <a href="#">internal data model</a> governs. A local link is always represented as a relative path from one record to another. Term records are siblings, so <code>term-a</code> references <code>term-b</code> as <code>{b} {b.md}</code> . Concepts and terms are in sibling folders, so <code>term-a</code> references its parent concept as <code>{concept 1} {../concepts/1.md}</code> . Individual fields in a record can be referenced by markdown fragment (e.g., to refer to the notes on <code>term-a</code> , use <code>term-a.md#notes</code> ). Note: for info about referring to corpus data from github issues or PR comments, see <a href="#">links from issues</a> .

### #2

The screenshot shows a search interface with a search bar containing the text "Search or paste a link" and an "Apply" button. Below the search bar is a list of results:

- An open letter to family and friends, to be read on m...
- Instructions for anyone inheriting my google account
- Delivering Discovery
- Things to Keep
- The Guardian [theguardian.com](#)
- Guardian Insurance | Everyone Deserves a Guardian [guardianlife.com](#)

At the bottom of the search results, there is a section labeled "In this document" with a right-pointing arrow.

As you know, a [guardian](#) is really important.

### #3

# Internal Data Model

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Our corpus is organized into folders and files as follows:

- `/corpus` -- root of all corpus data
- `/corpus/<scope>` -- data belonging to a given group, where `<scope>` comes from [pre-defined hashtags](#) (minus the hashtag character itself)
- `/corpus/<scope>/terms` -- markdown files, each containing one [term record](#).
- `/corpus/<scope>/concepts` -- markdown files, each containing one [concept record](#).
- `/corpus/<scope>/<other>` -- markdown files, each containing one record of another type. This is an extensibility feature that will be documented elsewhere. Examples of `<other>` might include `pattern` as developed in ESSIF-Lab.

## Decisions

- We want to close on the ToIP Tool specification within the next week and will hold a special meeting (at the same as our standing bi-weekly meeting time) next Monday April 5.

## Action Items

- Drummond Reed: request a special meeting calendar invite for one week from today's meeting from David Luchuk
- ALL: review [CTWG PR #45](#) and lodge any issues in GitHub or come prepared to the special meeting one week from today with any feedback or questions.
- Drummond Reed: request for a bounty for coding the ToIP Tool to be on the agenda for the April 7 meeting of the ToIP Steering Committee.