

IEEE P1752 Minimum Metadata subgroup

Minutes of conference call held on December 17, 2019 at 9 am Pacific Daylight Time

Conference call started at 9:00 am Pacific Daylight Time on zoom

Slide deck presented by Chair Dr. Ida Sim (available on WG website)

Attendance:

First Name	Last Name	Affiliation
Simona	Carini	UCSF / OmH
Anandatirtha	Nandugudi	University of Memphis
Ida	Sim	UCSF / OmH
Paul	Harris	University of Melbourne
Anna	T	Consultant
Sean	McConnell	AMA
Henry	Ogoe	VA

Agenda:

- Last call's action items
 - Still following up with AMA for the BP example
- Drafting the Metadata schema
 - Draft header.json
 - Description – “header of datapoint” in place of transaction
 - Id scheme for id generation – required?
 - Acquisition rate
 - It is uniform – add it to the description
 - Do we need a separate metadata to address irregular sampling rate?
 - Assumption is regular rate
 - For irregular sampling, data points are unique – no need for acquisition rate for this case
 - Do we need to address the case where the sampling rate is not in the order of HZ
 - Allow both Hz and frequency
 - Have more options for acquisition rate such as /day, /month ?

- Difficult to scale so will not support
 - Optional property
 - Modality – is it a required property?
 - Decided on optional
- Datasheets – assumption is it captures/has all the details about the property
- Schema id
 - Need to think about the Namespace for the P1752 schemas.
 - URL required ?
- URI and URI-reference
 - We will not be using URI-reference, which defines relative path, because datasheet can be in locations with no relationship to other datasheets.
 - If the values in the schema [have] the ability to be relative to a particular source path (such as a link from a webpage), it is generally better practice to use "uri-reference" (or "iri-reference") rather than "uri" (or "iri"). "uri" should only be used when the path must be absolute.
 - Needs further investigation
 - If we cannot conform to URI standard, just use a string
 - Need not follow the internet protocol, for e.g. can have a phone number.
- Other comments
 - Need more real-life sample data to stress test the schema
 - Source creation time stamp – Still cannot capture intermediate stages of data travel
 -

Comments in the chat:

https://www.openmhealth.org/documentation/#/schema-docs/schema-library/schemas/omh_frequency-unit-value

URI: URL or URN - <https://stackoverflow.com/questions/4913343/what-is-the-difference-between-uri-url-and-urn>

IRI adds support for international characters (for better or worse) -

<https://blog.4psa.com/url-urn-uri-iri-why-so-many/>

Action items:

- General principles for generating Datapoint ID
 - Consult with Brian
- Simona Carini: investigate the difference between URI and IRI
- Simona Carini: model sampling rate so that it can be represented in either Hz or a frequency-unit-value object

Conference call adjourned 10:00 am Pacific time
Next call: Tuesday TBD Jan 7 / Jan 14 at 9:00 am Pacific Time

Minutes taken by Subgroup Secretary Anand Nandugudi, University of Memphis