

IEEE P1752 Minimum Metadata subgroup
Minutes of conference call held on September 17, 2019 at 9:30 am Pacific Daylight Time

Conference call started at 9:30 am Pacific Daylight Time on zoom

Slide deck presented by Chair Dr. Ida Sim (on WG website)
<https://site.ieee.org/sagroups-1752/files/2019/09/2019-09-17-Metadata-1752-slides.pdf>

Attendance:

First Name	Last Name	Affiliation
Simona	Carini	UCSF / OmH
Shivayogi	Hiremath	Temple University
Anandatirtha	Nandugudi	University of Memphis
Paul	Petronelli	PALM Associates, Inc.
Ida	Sim	UCSF / OmH
Anna	Tee	Consultant
Sean	McConnell	AMA
Paul	Harris	University of Melbourne

Agenda:

- Metadata ecosystem traction
 - Gaining attention with the FDA
 - Question: can we get all parties together?
- Metadata landscape
 - Illustration of the slide
 - Data paths
- Action items from last meeting
 - Use AMA use case as driving example (new action item)
- Datapoint vs Datapoint series
- Datapoint ID
 - What are the requirements?
 - Need examples
 - How is this used?
 - Is this needed?
 - Action item Sean McConnell
- Missingness in Datapoint Series
 - Does this need to be in the minimum metadata
 - Not a feature of the metadata

- Actions item, is there something we need to do about missingness
- Missing datapoints and missing datapoint in datapoint series
- Minimum metadata – Complex example
 - Do we need Open mHealth schemas for representing raw data streams?
 - Open mHealth is more suitable for representing individual data points
 - Datapoint collection vs creation
 - Source_creation_datetime
 - Metadata can indicate when it was sensed or transmitted
 - Captured vs computed vs transmitted vs received vs stored times
 - (just have a flag ?)
 - How often was data sampled – to be discussed along with missingness
 - Sampling rate vs periodic recording or not
 - Type of filtering – no need for this – should go into the software datasheet
 - Edge vs cloud
 - Important to capture which version of software generated the datapoint
 - Things are changing fast, should we just have indexes to data sheet?
 - Avoids being obsoleted in 6 months

Comments in the chat:

- Link to cStress paper
<https://dl.acm.org/citation.cfm?doid=2750858.2807526>
<https://dl.acm.org/citation.cfm?doid=2858036.2858218>

Action items:

- Sean McConnel: Investigate further into DatapointID
- Anand Nandugudi: Investigate further into missing data in datapoint series
- Use AMA Blood Pressure use case as driving example

Conference call adjourned 10:30 Pacific time

Next call: Tuesday October 1 at 9:00 am Pacific Time

Minutes taken by Subgroup Secretary Anand Nandugudi, University of Memphis