FHIMS WG Terminology Modeling Sub-Project Meeting

Summary of Call

Date/time of call: Wednesday, July 25, 2011, 2:00 - 3:30 PM

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| **Attendees** | **Invited, but Unable to Attend** |
| Jay Lyle - FHA PMO | Cindy Vinion - CDC |
| Ioana Singureanu - SAMHSA | Dave Collins - VA/VHA |
| Susan Matney – 3M | Doug Hopler - VA/VHA |
| Sean Muir - VA/VHA | Jim Case - NLM |
| Rob McClure - VA/VHA | Maryann Niesen - IHS |
| Steve Wagner - FHA PMO | Mike Fitch - DoD |
| Galen Mulrooney - VA/VHA | Mike Lincoln - VA/VHA |
|  | Neelima Chennamaraja - VA/VHA |
|  | Senthil Nachimuthu - Dod |
|  | Xingfang Li - FDA |
|  | Yiyting (Coco) Tsai - FDA/OC |
|  | Bill Hess - FDA/OC |
|  | Nikolay Lipskiy – CDC |
|  | Neal Richards – FHA |
|  | Steve Hufnagel - DoD |
|  | Holly Miller - VA/VHA |
|  | Ling Qiu - VA/VHA |
|  | Rob Savage - CDC |
|  | Kevin Coonan - DoD |
|  | Anand Shukla - VA/VHA |
|  | Pam Banning – DoD |
|  | John Kilbourne - NIH/NLM |

**Agenda**

1. CDC identifying a time to meet, hopefully next week
2. Meeting to discuss LOINC data next week
3. Immunization data to pilot both manual and batch submissions to UAF sandbox
4. Required data type attributes (file attached)
5. OID hierarchy (<https://www.projects.openhealthtools.org/sf/wiki/do/viewPage/projects.fhims/wiki/FHIMS%20OIDS>)
6. Continue lab status discussion (file attached)
7. Other value sets posted
   1. related specimen category; now process [Pam?] (<https://www.projects.openhealthtools.org/sf/go/doc1889?nav=1>)
   2. specimen rejection reason (https://www.projects.openhealthtools.org/sf/go/doc1894)
   3. specimen action code (https://www.projects.openhealthtools.org/sf/go/doc1929)
   4. specimen container type (no candidates)
8. Note: I will not be on line, so please navigate to the documents via the links above.

Summary of Discussions

1. CDC identifying a time to meet, hopefully next week
   1. Rob: possible topic is NLM repository for value sets for MU. Has CDC executed an MOU with NLM? We don’t want to encourage competing resources, but this is a possible complication or future consideration.
2. Meeting to discuss LOINC data next week (postponed from last week)
   1. Re-send invitation (Susan, Pam, Cindy, Rob)
3. Immunization data to pilot both manual and batch submissions to UAF sandbox
4. Required data type attributes (file attached)
   1. FHIM uses its own; MDHT uses HL7 V3 R1.
   2. FHIM uses an abstract class called code, to be replaced by a DT upon implementation (via profile transform).
   3. Can we use metadata we captured for PHIN VADS?
      1. No: that’s value set metadata, not instance properties
   4. Principle: “Nullable” is a model property, not a value.
      1. Capture during analysis:
         1. Is this property nullable
         2. What are appropriate null values
      2. This is *not* true for translations or original text: all CD elements may have those properties, so no ad hoc analysis is necessary.
         1. Original text can mean a) text displayed on screen that user selected, b) text user entered that was subsequently encoded, c) text user entered in conjunction with “other” null flavor, or d) (and this one seems a bit distant from the others) text user entered to refine or explain their coded selection
         2. We are not interested in distinguishing these cases (*to be confirmed*)
   5. Tangent: accommodating implementations that do use null values in the value slot
      1. We could create composite value sets, e.g., “M” and “F” for set 1 (gender), “Not asked” and “No Information” for set 2 (null values), and the union for set 3 (gender with nulls)
      2. Binding would have to take context into account
         1. One attribute has multiple bindings
         2. Which binding is appropriate in any given case should be deterministically defined
      3. This approach also meets other requirements we’ve been discussing
         1. Specialization of clinical use case (non-human living entity in micro lab context: restrict species values to microorganisms)
         2. Specialization of business case (recipient requires ICD-10 rather than SCT)
         3. Specialization of implementation platform (using V2, so use null code values rather than null flavor property)
   6. We did not explicitly agree on a datatype to use, but we agreed
      1. It needs a null flavor
      2. It needs a translation
      3. It needs original text
5. OID hierarchy (<https://www.projects.openhealthtools.org/sf/wiki/do/viewPage/projects.fhims/wiki/FHIMS%20OIDS>)
   1. Other FHA projects are related to goals, trust, harmonization process, and probably don’t need OIDs.
   2. Four levels is too many. We need FHA and FHIM, not FHIMS, and not a specific vocabulary branch. We may revisit, if FHIM turns out to need other uniquely identifiable artifacts.
      1. FHA: 2.16.840.1.113883.3.2074
      2. FHIM: 2.16.840.1.113883.3.2074.1
      3. Value sets: 2.16.840.1.113883.3.2074.1.1, etc.
6. Adjourned at 3:29 pm

**Schedule of Future Meetings**

1) The weekly general Information Modeling (IM) project call is held each Friday from 2:30 to 4:30 PM Eastern Time.

Information for participating in the calls:

Name: FHIMS WG Information Modeling Project Call

Recurring Weekly Call Every Friday

Time of Call: 2:30 to 4:30 PM Eastern Time

Dial-in Information: 1-866-502-8312, participant code 981771

Web Meeting URL: <https://webmeeting.nih.gov/imp/>

2) The weekly Terminology Information modeling calls are held on Wednesdays from 2-3:30 PM Eastern Time.

Information for participating in the calls:

Name: FHIMS WG Information Modeling Project Call

Recurring Weekly Call Every Wednesday

Time of Call: 2:00 to 3:30 PM Eastern Time

Dial-in Information: 1-866-502-8312, participant code 981771

Web Meeting URL: <https://webmeeting.nih.gov/imp/>

**Action Items**

| Item Description | Responsible Individual | Due Date |
| --- | --- | --- |
| Assess how closely we can align with APHL work   * We agree on current state; happy to work with/wait on abnormality & device | Jay | 4/11 |
| Acquire sample messages   * In process: values, not messages, which have not been scrubbed | Jay | 4/11 |
| Reach out to ICLN contacts in agency | Pam, Susan  Bill  Anne | 4/25 |