

# 2009-04-16 Developers Conference Call

## Date

16 April 2009

## In Attendance

- Mike Seaton
- Ben Wolfe
- Brian McKown
- Darius Jazayeri
- Burke Mamlin
- Paul Biondich
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- Sam Mbugua
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## Agenda

## Minutes

- Google Summer of Code
  - Will announce accepted applicants on Monday
  - Will need to prepare students to be ready to start
    - IRC meeting with students?
    - Basics of OpenMRS for new students
- Discussion of [Metadata](#)
  - [Concept\\_description](#) void or retire?
    - Does not implement OpenMRS metadata - is a child of metadata.
    - Could void because it's not attributable to Patient Data.
    - Technically should probably retire?
    - Implement an OpenMRS Object or ... ?
    - [archive:TRAC-1388](#)
    - It is convenient for all OpenMRS metadata to have getName()
    - Is [Field\\_answer](#) metadata? No... it's more of a mapping table...not needed to keep around.
      - Should void it (Burke). Ben says we should retire it?
      - FieldAnswer implements OpenmrsObject?
  - Metadata:
    - If we need to longitudinally collect the data.
      - ConceptAnswer and FieldAnswer are not metadata because there is no reason to store the data longitudinally.
    - Actually stored or referenced in patient data.
    - Needs to have name and description properties.
  - All metadata will have a **UUID**.
  - Every Service should have a "save" method.
  - ConceptAnswer - Not metadata
  - User - Is Data (not metadata).
    - NOT OpenmrsMetadata (should not get 'retired'):
      - ConceptMap
      - ConceptNameTag
      - ConceptProposal
      - ConceptDescription
      - ConceptSet
      - FieldAnswer
    - IS OpenmrsMetadata (will get 'retired')
      - ConceptSource
      - ConceptClass
      - ConceptComplex
      - ConceptDatatype
      - ConceptName
    - Argument to be metadata is that provider is to encounter as location is to encounter.
  - Are there other classes that we want to be metadata that have no business having a name or description?
  - TODO: Look through remaining Objects and decide whether they should be Data or Metadata.
    - Who can do this? Assignee of [archive:TRAC-1388](#), joutsourc?
    - Mike has good idea to have an OpenMRS Object that has a name and description. Extend the Object.
    - OpenmrsObject
    - OpenmrsData - clinical information
    - OpenmrsMetadata - (see metadata)
    - RetirableMetadata - OpenmrsMetadata that has a name and description
    - TODO: Call what we consider metadata as "OpenmrsMetadata"
- Logging
  - SearchKeyLogging module can log

- Right now if you set logging on "info", every save() method gets logged.
- Should have log entry for every time a Concept is saved. Should also log get() methods to watch who looked at what clinical data.
  - TODO: Ben will make this a ticket for the logging module.
- Auditable (OpenmrsMetadata should be Auditable)
  - Creator
  - Date Created
  - ChangedBy
  - Date Changed