MINUTES

Weekly RHEA Client Registry Call

July 27, 2012

**Agenda:**

1. AOB
2. Status of 1st Release – Data Model/Loader – Odysseas
3. OpenMRS Registration Workflow Decisions - Shaun
4. Number of parameters – required fields? - Shaun
5. How many records to return & is there a limit? - Shaun
6. Golden Record Options
7. Use Heuristics? - Shaun
8. Training Materials – Odysseas

**Discussion Topics:**

1. AOB
2. Status of 1st Release – Data Model/Loader – Odysseas
   1. Odysseas – Been working on list of tasks to make releases available to Jembi team. Development tasks we are working on; have implemented and tested an additional transformation function in front of the confirmation function for matching configuration, added search based on identifier as a partial match attribute, use identifier as a match criteria in the configuration of the matching algorithm, added additional attributes for the RHEA project integration, unit test that will work though web service interface.
   2. Wen – Ryan and I working on adding functional for global identifier and it works fine right now
   3. Odysseas – Wen also adding support for different fields that are being added for the RHEA project. Plan is to make another OpenEMPI release on the ez2 server sometime next week.
3. OpenMRS Registration Workflow Decisions – Shaun
   1. Number of parameters – required fields? - Shaun
   2. How many records to return & is there a limit? – Shaun
      1. Two areas of discussion; what will happen in the OpenMRS user interface and how will it affect the user, how does OpenEMPI return records. Need to constrain and limit how many records are returned. How to limit query from OpenMRS to? Which fields to allow to be searched with? How do we limit the number of records to be returned?
      2. Liz – More than 20 records you get a message that says to many records and then have to add search criteria.
      3. Lorinne – Are there any required field currently in the OpenMRS deployment?
      4. Liz – Do not think that there are any required fields. We can make required fields though and those are only done at admission.
      5. Wayne – Developers are saying that the required field when entering data locally is family name, gender, and DOB.
      6. Lorinne – Should we add more fields?
      7. Liz – Too many manual fields can lead to people entering improper information.
      8. Shaun – We want to fit in the existing workflow. Given a limited set of fields we may need to take a few passes at the database.
      9. Ryan – Currently in OpenMRS workflow has two search streams; by ID local then client registry and then searching by demographics. Think this fits into Shaun’s idea of taking a few passes at it.
      10. Ody – OpenEMPI has two separate queries based on identifiers and then another based on demographic attributes.
      11. Shaun – Do we want to put a hard limit in for the number of records returned?
      12. Mead – Think there should be a number and then if you get more than that number you receive a message asking for more data.
      13. Ody – OpenEMPI has a method in search interface. The interoperability layer can then send a message back that there are too many records and there is a need for more information.
4. Golden Record Options
   1. Use Heuristics? - Shaun
      1. Shaun – Worry about multiple identities coming back from a search. Current intention is to use multiple with OpenEMPI in the pilot but monitor and work towards a golden record.
      2. Liz – Richard would like to work toward the golden record. For now multiple registrations is okay but trying to move towards a single record return.
      3. Ryan – What are the concerns with maintaining a multiple record?
      4. Liz – Concern that a return of multiple records will create confusion for the workers.
      5. Ody – The patient may have multiple identifiers but will only have multiple records if they were registered more than once because their record was not found.
      6. Liz – Richard was saying that there could be people that forget to bring NID to the clinic the first time and then they go to hospital and have it. We would want the hospital to be able to enter the NID so that the OpenMRS clinic could benefit from this for the next visit.
      7. Shaun – From a strategic perspective Odysseas’ description is a good way to move forward today for the pilot. Leveraging existing functionality of OpenEMPI. Think we need to move forward with the systems we have but will monitor and revisit this.
      8. Ryan – Recommend keeping interoperability layer how it is and make possible changes after we start using it.
      9. Ryan – We have agreed upon filtering aspects?
      10. Liz – Yes, but I would not spend a lot of time on it.
      11. Ody – Would like to talk to Ryan and Wayne about how technically this will happen between the systems.
5. Training Materials – Odysseas
   1. Lorinne and Odysseas will discuss this offline on Tuesday morning.

Meeting Concluded at 9:10am.

**Attendees:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **Organization** | **Name** | **Organization** | **Name** | **Organization** |
| Rhonwyn Cornell | Jembi | Wayne Naidoo | Jembi | Shaun Grannis | Regenstrief |
| Hannes Venter | Jembi | Wen Tong | SYSNET | Jamie Thomas | Regenstrief |
| Ryan Crichton | Jembi | Odysseas Pentakalos | SYSNET | Lorinne Banister | Regenstrief |
|  |  | Liz Peloso | Consultant | Mead Walker | Consultant |