

OMRSE Development Call Agenda

- Call details: First Wednesday of each month, 11:00am ET, one hour
- Zoom: <https://ufl.zoom.us/j/95591380579>
 - You will be admitted from the waiting room
- Agenda: https://docs.google.com/document/d/1UUD-53SaioJO7btrs8ie3yjFYJIF6HV3RUU3A7A_w2Y
- Email list: <https://groups.google.com/forum/#!forum/omrse-discuss>
- Issue tracker: <https://github.com/ufbmi/OMRSE/issues>
- Pull requests: <https://github.com/ufbmi/OMRSE/pulls>

November 1, 2023

1. Moving agenda and notes to:
<https://mcw.box.com/s/cpqc5bbw6ob9gyc86rd4b5uj18r7d4fd>

June 7, 2023

Attendees: Bill Hogan, Bill Duncan, Matt Diller, Mathias Brochhausen, Donny Weinbrenner

1. Issue Tracker Items
 - a. Issue #195: OMRSE relation to CRO
 - i. Matt will followup to ask for a use case.
 - ii.
 - b. Issue #191 NTR: human traveler role
 - i. Change label from 'human travel' to 'human migration'
 - ii. Add a comment to note that the distance is context dependent. Add a second comment that states that migration in this sense does not intend to give indication of permanence one way or the other. These comments are being added to the 'geographical migration of organism' class and the 'human migration.'
 - c. Issue #205: Creating new class labeled 'US veteran role'
 - i. Final definition was commented into github ticket. Matt will add the class and close the ticket

May 3, 2023

Attendees: Donny Weinbrenner, Matt Diller, Bill Hogan, Bill Duncan, John Judkins, Mathias Brochhausen

2. New OMRSE Release

- a. Matt had encountered a roadblock with a NTR. That has cleared. New release will be out today or tomorrow.
- 3. Issue Tracker Items
 - a. Issue #195
 - b. Issue #191
 - c. Issue #205: Creating new class labeled 'US veteran role'
 - i. Institutional role would make a good parent class. We need to determine a good definition for Institutional Role.
 - ii. Mathias suggests the label should be organizational role.
 - 1. OMRSE already has an organization role without definition. OMRSE also has Organization Social Role. We will stick with Institutional Role label
 - iii. Matt proposes "for which one is a member" as definition change for proposed Institutional Role definition
 - iv. Mathias proposes "a role that inheres in a human."
 - v. It is important to specify roles that are specifically defined by the organization (such as in bylaws or documents)
 - vi. May be worth creating roles for spouse of veteran
 - vii. OMRSE has class 'human role within an organization' =def 'A human social role that is created by a deontic declaration performed by an organization'
 - viii. We should restrict the Veteran role definition to the realm of healthcare
 - ix. Decision: 'human role within an organization' will be the parent class to 'U.S. Veteran' role.
 - 1. Proposed definition: A human role within an organization that inheres in a person if that person (i) served in the active military service of the United States, and who was discharged or released therefrom under conditions other than dishonorable, or (ii) is a Reservist or member of the United States National Guard called to Federal active duty or disabled from a disease or injury incurred or aggravated in line of duty or while in training status.
 - 2. Matt and Clint will meet to determine whether definition should be more or less restrictive.

Apr 5, 2023

Attendees: Donny Weinbrenner, Matt Diller, Bill Hogan, Jie Zheng, John Judkins, Bill Duncan

- 4. Issue Tracker Items
 - a. Issue #194: Issue regarding role in human social processes
 - i. Proposed Definition: Role that adheres in some entity
 - ii. Matthew Diller will reply to the github issue thread
 - b. Issue #196: Whether to obsolete 'residential function'

- i. Assigned to Matthew Diller who commented in the proposed fix
- c. Issue #202: Creating new class labeled 'birth attendant role'
 - i. Proposed language change (by Matthew Diller): A health care provider role that is realized in maintaining the health of a human being during their pregnancy and both them and the neonate during labor, delivery, and postpartum.
- d. Issue #205: Creating new class labeled 'US veteran role'
 - i. Matthew Diller will propose changes to definition in the ticket. Propose changing "if and only if" and to remove the final clause starting "and that is realized..."
- e. Issue #203
 - i. Matthew Diller will ping William Hogan to confirm if Nico has been given write access
- f. Issue #191: Human Traveler Role
 - i. Matthew Diller will ping issue creator with full proposed change

Feb 1, 2023

Attendees: John Judkins, Donny Weinbrenner, Sam Smith, Matt Diller, Jie Zheng, Bill Duncan, John Beverly, Oliver He

- 5. Occupation (Matt)
 - a. Matt provided a summary of the occupation work to date
 - b. Use job role for socially assigned positions that people have. You can have an occupation disposition without having a job. People maintain their occupations between occurrences of job roles.
 - c. Distinction between institutionally, socially, governmentally, etc sanctioned
 - d. The goal should be to make broad enough class definitions that include the current use scope but do not exclude future possible scopes
 - i. International systems (Japanese, Chinese, Indonesian) include occupations in their taxonomies we do not include in European and US taxonomies
 - e. Discussion was held re: choosing occupation disposition over occupation role
 - f. OccO Ontology development with ESCO meeting 2/2 @11am
 - i. Oliver will add Jie and John Judkins to the meeting
 - g. Matt will resurface the email discussions that support occupation as disposition
- 6. Issue Tracker Items
 - a. #142 - [NTR: Medical/physician specialty role](#)
 - b. #144 - [NTR: allied health profession/practitioner role](#)
 - c. [#99](#) - 'person health care provider role'
 - i. Matt will reach out to Clint for next steps

Jan 4, 2023

Meeting was canceled.

Nov 2, 2022

Attendees: Matt Diller, Sam Smith, John Beverley, Donny Weinbrenner, John Judkins, Clint Dowland, Bill Duncan, Damion Dooley, Oliver He, Bill Hogan, Jie Zheng

1. Occupation (Matt)
 - a. Dispositions can help alleviate some of the ambiguity in roles
 - b. Sanctioned vs self-described occupations can add clarity
 - i. Job contracts speak to dispositions
 1. Involves a provision of skills
 - ii. Occupation as self-ascribed
 - iii. Sanctioned occupations - involves ascribed roles
 - c. Oliver shared OccO entities within BGO framework diagram
 - d. Have an occupation that denotes a skillset, and also an occupation that applies to a socially sanctioned role
 - e. Want to ensure that there's room to leave skills and abilities separate from the job tightly
 - f. If a disposition has changed, something has physically changed about the person holding that disposition. This does not have to be the case with a role
 - g. Oliver suggested role is grounded in disposition, which is grounded in quality
2. Issue Tracker Items
 - a. #142 - [NTR: Medical/physician specialty role](#)
 - b. #144 - [NTR: allied health profession/practitioner role](#)
 - c. [#99](#) - 'person health care provider role'
 - i. Matt will reach out to Clint for next steps

Oct 5, 2022

Attendees: Donny Weinbrenner, Sam Smith, Matt Diller, Bill Duncan, John Judkins, Bill Hogan

1. Occupation (Matt)
 - a. Introduction to Sam Smith and his work on occupation
 - i. Matt will update documentation based on conversation in today's meeting and send to OccO
 - b. Presentation of changes to classes
 - i. Daily wage laborer
 1. Change pay for a day's work to pay for some unit of time worked
 - ii. Matt will send class changes to Bill Hogan
 - iii. Matt will include John Judkins in email exchange re: role vs disposition

2. Issue Tracker Items

- a. #142 - [NTR: Medical/physician specialty role](#)
- b. #144 - [NTR: allied health profession/practitioner role](#)
- c. [#99](#) - 'person health care provider role'
 - i. Matt will reach out to Clint for next steps

Sept 7, 2022

Attendees: Bill Duncan, Matt Diller, Jie Zheng, Bill Hogan, Donny Weinbrenner

1. Occupation (Matt)

- a. Work disposition - changed from work plan specification
 - i. Try to limit the definition to things that are always true. We can include things that are sometimes true in the comments
 - ii. Employed work is done with objective of making money
- b. Revised classes
 - i. Homemaker
 - 1. Work disposition that is realized by activities performed by a member of a household for the purpose of maintaining [and caring for] that household and the housing unit they reside in
 - 2. Parent class: work disposition
- c. Remaining Terms
 - i. Agricultural laborer
 - 1. Changed label to agricultural work disposition
 - 2. Definition: a work disposition that is realized by activities performed by its bearer involving the maintenance of crops or the tending of livestock
 - 3. Parent class: work disposition
 - ii. Service work disposition
 - 1. A work disposition that is realized by its bearer performing activities for other people. These activities are commonly called "service work"
 - 2. Parent class: work disposition
 - iii. Daily wage laborer
 - iv. Salaried service laborer
 - 1. Parent class: service work disposition

2. Issue Tracker Items

- a. [#187](#) - RO: 'deprecated_has active participant' needs to be replaced also in the axioms using it - CLOSED
- b. [#99](#) - 'person health care provider role'

3. Action Items

- a. Matt will work on “non-monetary” vs “non-compensatory” label
- b. Matt will work on definition edits and email out for review before next meeting

Aug 3, 2022

Attendees: Bill Duncan, Donny Weinbrenner, Matt Diller, Jie Zheng, John Judkins

1. Occupation (Matt)

- a. Representing occupations as dispositions
 - i. Clint has put together proposed ideas for this approach, but could not attend the meeting
 - ii. Occupation disposition = Disposition to perform work of a particular kind or toward some particular end
 - iii. Occupation = A process that is a proper occurrent part of the history of some person and has, as proper occurrent parts, processes that realize the same occupation disposition inhering in that person
 - 1. Might want to call the ‘occupation’ class something like “occupation history” and change use of “proper occurrent part” to something simpler, like “part of”
 - iv. Disposition is a simpler representation of occupation
 - 1. There needs to be a process that realizes the disposition
 - 2. Disposition captures the elements that we want such as multiple occupations and capturing occupation as a future activity, not just past
- b. Remaining terms
 - i. Matt will use the disposition method for each of these definitions
 - ii. Agricultural laborer
 - 1. For now we will say a “work-related process” realizes the disposition and will add more specific classes later if needed
 - iii. Daily wage laborer
 - 1. We can say that the person has a disposition to perform work activities that happen to be paid in wages
 - iv. Salaried service laborer

2. Issue Tracker Items

- a. [#186](#) - exporting subsets of ontologies in OMRSE - CLOSED
 - i. Resolved in the newest release of OMRSE
- b. [#174](#) - OMRSE_00000033 aggregate of organizations has two definitions
 - i. Matt will have to reach out to Nico and Mathias to work on resolving the issue today
 - ii. Matt updated the import in d-acts
 - 1. There are errors occurring from OMRSE and d-acts importing from each other cyclically
 - iii. Jie has a custom configuration method that may resolve this issue

- c. [#187](#) - RO: 'deprecated_has active participant' needs to be replaced also in the axioms using it
 - d. [#99](#) - 'person health care provider role'
3. Action Items
- a. Matt and Bill Hogan will discuss occupation disposition further on Friday
 - b. Matt will adjust remaining occupation classes to reflect change to disposition
 - c. Matt will reach out to Nico and Mathias to work on resolving issue #174

Jul 6, 2022

Attendees: Bill Duncan, Matt Diller, John Judkins, Jie Zheng, Donny Weinbrenner

4. Occupation (Matt)
- a. Housewife/homemaker
 - i. Would it be better to transition this term over to a role?
 - 1. The purpose of the occupation terms is to capture people who perform tasks related to these occupations for the purpose of researching biomedical phenomena related to the occupation work
 - ii. Modeling the ontology based on how it will be queried?
 - iii. It is not always necessary to represent processes occurring in people's heads
 - iv. Matt will put these definitions in an OWL file and submit on github for more structured interrogation and discussion of issues with definitions
 - v. Structure our definitions to be closer in wording to the formal definition and add a gloss at the end
 - b. Agricultural laborer
 - c. Daily wage laborer
 - d. Salaried service laborer
5. Action Items
- a. Matt will put the occupation definitions in an OWL file and submit to a new branch in github

Jun 1, 2022

Attendees: Donny Weinbrenner, John Judkins, Matt Diller, Bill Hogan, Bill Duncan

1. Occupation (Matt)
- a. Child, not schooling
 - i. Making use of BFO's history class
 - ii. Matt finalized this term during the call
 - b. Matt will have proposals for next Occupation terms for July meeting
2. Patient and Provider roles in OBI (<https://github.com/ufbmi/OMRSE/issues/39>)
- a. The corresponding OBI role was deprecated

- b. We closed this issue
- 3. Social Determination of Health (<https://github.com/ufbmi/OMRSE/issues/156>)
 - a. This issue is a broad request. We should move to transition requests of this type into specific new term requests.
 - b. We have closed this issue.
- 4. Review issue tracker items
 - a. Bill Hogan is working on 180 and 179 and is targeting implementation by the next release
 - b. 177 - Resolved by latest release. This issue has been closed.
 - c. 174 - potential cause: having a definition in our d-acts import and a definition in OMRSE
 - i. Matt will look for a way to exclude importing OMRSE terms from other ontologies
 - ii. The d-acts import has two definitions and the definitions are not the same
- 5. Pull requests
 - a. Pull requests are helpful for being able to more easily roll back changes than commits
 - b. Pull requests can be used to merge branched commits in a way that allows for an easy undo in case of errors/failure
 - c. Someone can create a fork to make changes and then do a pull request back to main. Then we can choose to accept or reject the changes.
- 6. Labels
 - a. Add "new term request" label to tag issues with
 - b. Tee shirt size labels
 - i. Are issues s, m, l, xl, xxl?
- 7. Action items
 - a. Matt will have proposals for next Occupation terms for July meeting
 - b. Bill Hogan is working on 180 and 179 and is targeting implementation by the next release - COMPLETE
 - c. 174 - potential cause: having a definition in our d-acts import and a definition in OMRSE
 - i. Matt will look for a way to exclude importing OMRSE terms from other ontologies
 - ii. The d-acts import has two definitions and the definitions are not the same

May 4, 2022

Attendees: Bill Duncan, Donny Weinbrenner, Matt Diller, Clint Dowland, Bill Hogan, Jie Zhang

- 1. Revised hiring process proposal (Matt Diller)
 - a. Trying to capture that the occupation represents action and processes has been engaged in for considerable amount of time or will be engaged in for a considerable amount of time.

- b. How does hiring process account for people who have interviewed but not hired?
 - i. Determine whether interview should be part of or separate from the hiring process. RESOLVED. We do not need a separate interview
 - ii. Determine whether hiring process should be relabeled to onboarding process. ACTION ITEM
 - iii. Determine if occupation plan specification is always an output of hiring process. ACTION ITEM
 - c. There should be a process to realize “job role”
 - d. Every employment process realizes a job role
- 2. Child, not schooling - occupation category (Matt Diller)
 - a. May want to redirect the mental process output to plan instead of leisure plan specification
 - b. May want to change leisure to developmental objectives
 - c. Revisit MF’s mental representation classes
- 3. Review Issue Tracker Items
- 4. Action Items
 - a. Determine whether hiring process should be relabeled to onboarding process - Matt Diller
 - b. Determine if occupation plan specification is always an output of hiring process. - Matt Diller
 - c. Perform revisions to Child, not schooling category based on feedback - Matt Diller

Apr 6, 2022

DIFFERENT LINK FOR TODAY’S MEETING:

<https://ufl.zoom.us/j/92388521011>

Attendees: Bill Duncan, Matt, Bill H., Clint, John J., Jie

- 1. New OMRSE Release update (Matt/Clint)
- 2. Proposed definition for hiring process (Matt)
- 3. Proposed diagrams for leisure/non-organizational occupations (Matt)
- 4. Review Issue Tracker Items

Mar 2, 2022

Attendees: Donny Weinbrenner, John Judkins, Matt Diller, Bill Hogan, Clint Dowland

- 1. AI and Complex Systems in Biomedicine, The Eighth Clinical and Translational Science Award Ontology Workshop

- a. Full announcement:
 - <https://groups.google.com/u/1/g/omrse-discuss/c/du6ERj3aK5c>
 - b. Sign up and talk proposals are still open
 - i. Send Bill and email with title and abstract
- 2. New OMRSE Release updates
 - a. NTR and RTR from the language manuscript are posted to the issue tracker
 - i. Implementation will occur after the Ontology workshop
 - ii. Matt may be adding items before the workshop and will incorporate these NTRs and RTRs
 - iii. Once these requests have been finalized, we will be prepared for a new release of OMRSE
- 3. Occupation
 - a. Self-employment
 - i. We will use organization as a parent class
 - ii. The previous issue with organization was clarified for Matt by OBI. They clarified that the organization rules do not have to be formally developed; they can be implicitly understood.
 - iii. Should a self-employed individual be the bearer of both an employer and employee role?
 - iv. Is an organization, by definition, an aggregate?
 - 1. OBI definition: an entity that can bear roles, has members, and has a set of organization rules.
 - v. Matt removed the “has output” relationship between deontic document act and plan
 - vi. Matt changed “has output” to “has specified output”
 - vii. Matt added “has specified output” relationship between deontic document act and employee role
 - viii. The group sees no further issues with the Self-employment diagram to be resolved
 - b. Regular employment
 - i. Matt will propose a definition for hiring process
 - ii. There are no further issues with the regular employment
 - c. Matt can move on to leisure/non-organizational occupation diagrams
- 4. Review Issue Tracker Items
 - a. Issue #174 we can limit what we import from d-acts to items from their name space. We will see if our new release will resolve the issue.
 - b. Issue #157
- 5. Action Items
 - a. Matt - propose a definition for hiring process (in the regular employment diagram) for next monthly meeting
 - b. Matt - propose diagrams for leisure/non-organizational occupations for next monthly meeting

Feb 2, 2022

Attendees: Donny Weinbrenner, Clint Dowland, John Judkins, Matt Diller, Bill Hogan

1. AI and Complex Systems in Biomedicine, The Eighth Clinical and Translational Science Award Ontology Workshop
 - a. Full announcement:
<https://groups.google.com/u/1/g/omrse-discuss/c/du6ERj3aK5c>
2. Occupation
 - a. Matt has been working on a solution for what concretizes plan specifications
 - b. Matt presented slides for self-employment
 - i. A self-employed individual will be the bearer of the employer role
 - ii. Alternative idea: the organization would be the bearer of the employer role, the founder would be the bearer of the employee role and then be linked to the organization
 - iii. There does not appear to be restriction that would prevent an organization with one employee
 - iv. The OBI definition for organization has a requirement of rules. As such, a sole proprietorship business may not fit as a subclass of organization
 - v. Should organization and business have a parent class of material entity, or should we create a new class that would house both organization and business?
3. New OMRSE release
 - a. Term revisions and new terms are going hand-in-hand with the paper Clint is working on. Final version of the paper should be ready within the month, as will the necessary updates for the new OMRSE release
4. Review Issue Tracker Items
5. Action Items

January 5, 2022

Attendees: Donny Weinbrenner, Anna Maria Masci, William Hogan, Clint Dowland, Matt Diller, John Judkins

1. Are plan specifications the best representation for occupations?
 - a. Propose that the concretization of a plan specification is what represents the occupation
 - b. We should avoid using roles to concretize occupation
 - c. We need to be able to prevent cases of people claiming an occupation without ever having done the work for that occupation
 - d. We need to be able to ground concretizations
 - i. Specifically need to take care with self-employment

2. Term proposals for the following:
 - a. work plan specification
 - b. work objective specification
 - c. work action specification
 - d. work contract
 - e. paid work plan specification
 - f. financial obligation
 - g. self-employed work plan specification
 - h. hourly wage work plan specification
 - i. salaried work plan specification
 - j. service work plan specification
 - k. agricultural work plan specification
 - l. housewife plan specification
 - m. leisure/play plan specification
 - n. pre-school child play plan specification
3. Making a new OMRSE release
 - a. Last official release was in August 2021
 - b. There will be revisions to the language related terms and there will be concretization terms added. We will perform these changes before the new release
4. Review Issue Tracker Items
5. Action Items
 - a. Matt will continue work on occupation based on feedback from today's meeting

October 6, 2021

Attendees: Donny Weinbrenner, Jie Zheng, John Judkins, Matthew Diller, William Hogan, Clint Dowland

1. There was a new OMRSE release in September
2. Discuss "Occupation" ([Issue #73](#)) - Matt Diller
 - a. Jie will take Matt's list of occupations back to her project team for clarification
 - i. Matt will email the list to Jie
 - ii. Jie will confirm that the list is complete
 - b. Matt will add the new proposed definition to the ticket once updated with feedback to ticket #73
3. Review Issue Tracker Items
4. Action Items
 - a. Matt will edit the definition for 153. Outpatient care will be removed from Hospital function and role. Ticket 153 can be closed when completed.
 - b. Issue 85 - if we do not need to know the identification process in order to handle race/ethnicity/gender identity then we can move forward with those and close issue

- c. Provide url in the bioportal configuration to automatically upload newest version to bioportal

September 1, 2021

Attendees: William Hogan, Matt Diller, Chris Stoeckert, John Judkins, Jie Zheng, Donny Weinbrenner, Mathias Brochhausen

1. Discuss: Occupation Class
 - a. Jie has added VEuPathDB values to the issue tracker item for occupation
 - b. These values will be analyzed through the lens of economic security and food security
 - c. There may not be a way to group these values together, we may have to represent them separately. Matt will review which we have classes for. For those that are undefined, Matt will propose definitions.
 - d. We will not be creating an occupation class at this time
2. Review Issue Tracker Items
3. Action Items
 - a. Donny will review issue 144
 - b. Build out medical specialties (issue 142)
 - i. Amanda's paper can provide guidance on this topic
 - ii. We should loop back around with Leigh to more fully understand the context and use case
 - c. Ask Clint for update on issue 99 for next month
 - d. Follow up with Clint for 98
 - e. Verify changes for 92 made it into production and if so whether issues described have been fixed. If issues still need to be fixed, Bill will propose new changes - Bill
 - f. Review 89 & 90 and decide whether to move forward
 - i. Do allied health profession roles include skilled nursing roles
 - g. Move forward with proposed change for 77 - Matt
 - h. Review whether class was created for "leaving hospital facility" issue 86 - Bill
 - i. Issue 85, decide whether to move forward with this - Matt and Clint

August 4, 2021

Attendees: Donny Weinbrenner, John Judkins, Bill Hogan, Clint Dowland, Matt Diller, Jie Zheng

1. Create class for Job Role
 - a. Create definition
 - b. We use the Job Role class in the definition for occupation

- c. Proposed definition: "a role in human social processes that is realized when the bearer provides labour or services in exchange for a wage or salary as specified by some declaration"
 - d. Label will be Job Role, not employee role
 - e. Job role is meant to be applied to not only people employed by an organization, but also people who are self-employed, or volunteering
 - f. Monetary personal income data item does not use the class Job Role
 - g. Employee Role in OMRSE uses the definition for Job Role from U-Path
 - h. Propose changing OMRSE Employee Role label to Job Role
- 2. Review Issue Tracker items
 - a. New Term Request: Caregiver role
- 3. Action items
 - a. We will take issue #157 offline to analyze and discuss further
 - i. As part of analysis we should look at OGMS and see if they have anything
 - b. Take issue 156 offline and analyze
 - c. Take issue 153 and analyze
 - d. Matt will propose a definition for Occupation class
 - e. Issue #147 Donny will f/u with Sivarim for mapping context
 - f. Clint will track down old definition for OAE: medical procedure

July 7, 2021

Attendees: MEETING WAS CANCELLED

- 1. Notable OMRSE features since 6/2/2021
- 2. Create class for Job Role
 - a. Create definition
- 3. Review Issue Tracker items
- 4. Action items

June 2, 2021

Attendees: Donny Weinbrenner, John Judkins, Bill Hogan, Clint Dowland, Matt Diller, Jie Zheng

- 1. Notable OMRSE features since 5/5/2021
 - a. None noted
- 2. New Term Request: Family Relationship
 - a. We will mint an OMRSE IRI
 - b. We will use Relational Quality as the parent class
 - c. A relational quality that inheres within two or more persons related as members of a domestic group, or a number of domestic groups linked through descent

from a common ancestor, marriage, or adoption. (note: we are also intending on including other family arrangements. This is something we are working on).

- i. Want to look at including foster families, chosen families
 - ii. We can add an editor preferred term for human
 - iii. Definition source annotation includes the ERO IRI
- 3. Review Issue Tracker items
 - 4. Action items

May 5, 2021

Attendees: Donny Weinbrenner, John Judkins, Clint Dowland, Matt Diller, Jie Zheng, Chris Stoeckert

- 1. Notable OMRSE features
 - a. No updates
- 2. Racial identity and Ethnic Identity (presented by Matt and Clint)
 - a. Group membership approach
 - i. Use the self identity definition from the addicto ontology for both race and ethnicity
 - ii. <https://addictovocab.org/search?search=>
 - iii. <https://www.geios.com/read/HZHJIP>
 - iv. Treating race and ethnicity as group membership allows for individuals to belong to multiple groups
 - v. How do we instantiate this?
 - 1. The group would be an object aggregate, which would be a material entity
 - vi. OMRSE has 'collection of humans' as a subclass of object aggregate
 - 1. PCO also has 'collection of humans' class
http://www.ontobee.org/ontology/PCO?iri=http://purl.obolibrary.org/obo/PCO_0000027
 - 2. Add an issue tracker item to address the duplicative class between OMRSE and PCO
 - vii. OBI has been avoiding object aggregate because of the arbitrary nature of where you draw the line between something being an object vs an object aggregate
 - viii. The bearer of the self identity is also the person that concretizes the ICE
 - ix. Many people can self identify to the same group only through a generically dependent continuant
 - x. We could introduce a self representation term into MF
 - 1. This is built into self identity
 - b. Related terms from addicto

- i. Identity: a mental representation of a person or group that is held by a person or group
 - ii. Self identity: a mental representation that a person has about themselves
- 3. Review Issue Tracker Items
- 4. Action Items

March 2, 2021

Attendees: Sarah Bost, Mathias Brochhausen, Donny Weinbrenner, Leigh Carmody, John Judkins, Bill Hogan, Anna Masci, Clint Dowland, Matt Diller, Sivaram Arabandi, Jie Zheng, Chris Stoeckert, Janna Hastings, Caitlin Notley

- 1. Welcome and Introductions (if new attendees present)
 - a. What is your interest in OMRSE?
 - b. How are you using OMRSE?
- 2. Notable OMRSE features
 - a. New since February 3rd
 - b. Changes are being made to OBO Ontology git - in progress
 - i. This will lead to more reliable and more frequent releases
 - c. No new classes have been added. This is on hold until ontology git work is done
- 3. Definition of hospital role in OMRSE
 - a. OBI does not believe Hospital belongs in OBI
 - b. Want to make sure Hospital is available to use and that what is in OMRSE is usable for those that want to point to a structure
 - c. Similar item about ENVO hospital terms
 - d. There are 3 different ontologies defining hospital
 - e. OMRSE will remove "AND outpatient care" as a criterion for hospital. This will be done after the hold for the ontology git work
- 4. Social Identity
 - a. Discuss ethnic identity
 - i. Ethnic groups are used to share origins. How does this definition relate to where someone was born and raised, or their ancestry.
 - ii. The term should factor in multiple ethnicities such as having two parents from different ethnic cultures, or American born with ancestry of other ethnicities.
 - iii. What would be allowable subclasses of ethnic identity?
 - iv. The group can propose subclasses so that we can take a bottom up approach at our next meeting. It is worth thinking of an instance for any classes we propose
 - v. Consider what to do with group identity - Clint
- 5. Review Issue Tracker Items
- 6. Action Items

February 3, 2021

Attendees: Sarah Bost, Donny Weinbrenner, Leigh Carmody, John Judkins, Bill Hogan, Anna Masci, Clint Dowland, Matt Diller, Jie Zheng, Janna Hastings, Caitlin Notley

1. Welcome and Introductions (if new attendees present)
 - a. What is your interest in OMRSE?
 - b. How are you using OMRSE?
2. Notable OMRSE features
 - a. New since 1/6
 - b. None noted
3. Presentation of key classes from the Behavior Change Intervention Ontology - Bill Hogan
 - a. Behavior Change Intervention Ontology is a broader project that targets all types of behavior across domains
 - b. Addiction Ontology is the main extension, which focuses on addiction
 - c. Social Identity comes up in addiction research a lot, and is present in the Addiction Ontology
 - d. Extend group identity, identity, and self identity to handle things like race, gender, etc
 - i. The OMB separates race and ethnicity and states that these should be self-report
 - ii. Ethnic Identity could work as a subclass of group identity
 - e. GSSO ontology
<https://github.com/OBOFoundry/OBOFoundry.github.io/issues/1258>
4. Definition of hospital role in OMRSE
5. Review Issue Tracker Items
6. Action Items
 - a. New term request for Ethnic Identity in Addiction Ontology - Bill Hogan

January 6, 2021

Attendees: Sarah Bost, Donny Weinbrenner, John Judkins, Bill Hogan, Clint Dowland, Matt Diller, Jie Zheng, Chris Stoeckert

1. Welcome and Introductions (if new attendees present)
 - a. What is your interest in OMRSE?
 - b. How are you using OMRSE?
2. Notable OMRSE features
 - a. New since 12/2
 - b. None noted

3. Social Identity

- a. Presentation on Social Identity Theory from Handbook of Theories of Social Psychology
- b. <https://drive.google.com/file/d/1Ci90xDqAMq92bibRpl0vAr5AuZK1YEWU/view>
- c. Use OBO Discuss list to see if there are other activities with domain experts. Let them know we're working on social identity - ACTION ITEM: Bill Hogan
 - i. Jana Hastings would good to reach out to individually - ACTION ITEM: Bill Hogan
- d. How do we scope Social Identity within OMRSE?
 - i. What social identities do we want to include?
 - ii. How do we handle social group boundary permeability?
 - 1. We want to have an understanding of how the theory tackles self-identification vs in-group and out-group identification
 - iii. We want to be use case-driven
 - iv. If we do the work of defining general *social identity*, then inclusion of types of social identities will be simpler later on
 - v. Self-categorization seems to be a cognitive process
 - vi. Maybe have classes that represent processes, roles, qualities, and dispositions for which we find good evidence of their realizations?
 - 1. Top priority would be having classes to represent everything that is realizable and then annotate for user friendliness
 - vii. Characteristic is a parent to realizables and qualities
 - 1. Might be helpful to start at this level and then work down
 - 2. Call *social identity* a subtype to *characteristic*

4. Review Issue Tracker Items

5. Action Items

- a. Use OBO Discuss list to see if there are other activities with domain experts. Let them know we're working on social identity - Bill Hogan
- b. Reach out to Jana Hastings specifically in regards to our social identity work - Bill Hogan

December 2, 2020

Attendees: Sarah Bost, Donny Weinbrenner, Leigh Carmody, John Judkins, Bill Hogan, Anna Masci, Clint Dowland, Matt Diller, Sivaram Arabandi

Regrets: Mathias Brochhausen

- 1. Welcome and Introductions (if new attendees present)
 - a. What is your interest in OMRSE?
 - b. How are you using OMRSE?
- 2. Notable OMRSE features
 - a. None new since 11/4

3. Social Identity
 - a. OMRSE group should review Social Identity Theory paper:
<https://drive.google.com/file/d/1Ci90xDqAMq92bibRpl0vAr5AuZK1YEWU/view?usp=sharing>
 - b. Bill will present and overview at the next meeting (1/6/2021)
4. Healthcare provider roles
 - a. Leigh submitted issues in the tracker related to Healthcare provider roles. Issues 142 (medical/physician specialty role) and 144 (allied health profession/practitioner role).
 - b. Sivaram submitted an issue concerning health worker classification that may be useful. Relevant document from WHO:
https://www.who.int/hrh/statistics/Health_workers_classification.pdf
 - c. Create roles for subspecialties and other health professionals
 - d. Create a google sheet in new term request structure and start filling it out starting with highest priority. Start with the list in issue 142. Prioritize roles that appear worldwide. Using WHO document as a guide
 - e. How to differentiate between role, profession, and occupation?
 - i. In the Role Ontology, occupation is a type of social role
http://www.ontobee.org/ontology/ROLEO?iri=http://purl.obolibrary.org/obo/RoleO_0000036
 - ii. VEuPathDB Ontology
http://www.ontobee.org/ontology/EUPATH?iri=http://purl.obolibrary.org/obo/EUPATH_0000359
 - iii. OMRSE group agrees that occupation is a role
5. Patient discharge local axiom change
 - a. There is redundancy that can be removed
 - b. Issue 148. It has been assigned to Matt
6. Review Issue Tracker Items
7. Action Items

November 4, 2020

Attendees: Sivaram Arabandi, Sarah Bost, Mathias Brochhausen, Matt Diller, Clint Dowland, Bill Hogan, John Judkins, Anna Masci, Donny Weinbrenner, Jie Zheng

1. Welcome and Introductions (if new attendees present)
 - a. What is your interest in OMRSE?
 - b. How are you using OMRSE?
2. Notable OMRSE features
 - a. None new since 10/7
3. Social identity
 - a. Matt contacted GSSO

- b. GSSO imported our gender role class.
- c. OMRSE gender identity should focus more on the sociological, less on internal conviction
 - i. Keep societal definitions/constraints separate from internally derived identity
- d. Bill will copy Social Identity Theory pdf to OMRSE Google Drive. Link: <https://drive.google.com/file/d/1Ci90xDqAMq92bibRpl0vAr5AuZK1YEWU/view?usp=sharing>
- e. Social Identity Roles (such as gender roles) - being sensitive to change of roles in context
- f. Donny add Anna to invite mascia2@nih.gov
- g. Anna will email gender expression document to group
- 4. Put OMRSE license on the github site?
 - a. Sivaram will place an issue on the tracker
- 5. Healthcare provider roles
- 6. Review Issue Tracker Items
- 7. Action Items
 - a. Copy Social Identity Theory pdf to OMRSE Google Drive - Donny
 - b. Add Anna to invite - Donny
 - c. Distribute gender expression document to group - Anna
 - d. Create OMRSE license issue on the tracker - Sivaram

October 7, 2020

Attendees: Sarah Bost, Mathias Brochhausen, Leigh Carmody, Matt Diller, Clint Dowland, Bill Hogan, John Judkins, Chris Stoeckert, Donny Weinbrenner

- 1. Welcome and Introductions (if new attendees present)
 - a. What is your interest in OMRSE?
 - b. How are you using OMRSE?
- 2. Notable OMRSE features
 - a. New Classes
 - i. "County smoking rate data" and "smoking rate calculation"
- 3. Definitions for "identification process" and subclasses
 - a. Not general identification process, but rather a demographic identification process
 - b. Referring to person's group identity, not identification of data
 - c. Identification process does not currently have a definition
 - d. Gender, Sex, and Sexual Orientation (GSSO) ontology
 - i. We should review GSSO to determine whether there is further work to be done

- ii. OMRSE should work in parallel with GSSO for the “identification process” effort
 - iii. Alert GSSO to let them know that some of their terms are represented in other ontologies.
 - iv. OMRSE is interested in representing the social identity processes that generate social identity data items. GSSO approach could be improved through discussion
- 4. Prioritizing the list of terms without definitions:
 - https://drive.google.com/file/d/1Xeiu9KBzgGGsrsmc2cfk6qhVZFFV2gj9_/view?usp=sharing
 - a. Proposal: Start with the 25 classes that are related to facilities and their functions
- 5. Review Issue Tracker Items
- 6. Action Items
 - a. Reach out to GSSO via GitHub issue to inform them of relevant work from other ontologies and OMRSE desire to work in parallel. Two separate issues: 1) Overlap with OMRSE. Discuss OMRSE GSSO collaboration; Invite GSSO to next OMRSE monthly call. OMRSE can help with definition of higher level GSSO terms. 2) Role should not be subtype of process. - Matt Diller
 - b. Reach out to Leigh Carmody to offer her to contribute to future agendas - Sarah Bost
 - c. Review ICBO presentation and report findings to OMRSE group - Sarah

September 2, 2020

Attendees: Sarah Bost, Matt Diller, Clint Dowland, Bill Hogan, Donny Weinbrenner

Regrets : Mathias Brochhausen

- 1. Welcome and Introductions
 - a. What is your interest in OMRSE?
 - b. How are you using OMRSE?
- 2. Notable OMRSE features
 - a. d-acts reharmonization
 - b. Language Module
 - c. Education Module
 - d. Social Identity Information Content Entities (related to gender, race, ethnicity, and sexuality)
- 3. Big Plans (Bill Hogan)
 - a. Social Determinants of Health
 - i. Behavioral and Environmental Determinants of Health
 - ii. Motivated education module and forthcoming “money/finance/economy” module

- iii. Social and community context
- b. Healthcare Specialist Representation
- c. Different layers of clinical departments and organizational structures
- 4. Announcement: Complete Review of OMRSE
 - a. Action Items:
 - i. Generate updated Class List - Clint due 9/9/2020
 - ii. Draft announcement language asking for input on list prioritization - Donny due 9/9/2020
 - iii. Place priority discussion on October 7th Agenda
- 5. Presentation and discussion of the Education Module (Bill Hogan)
- 6. Review Issue Tracker Items

August 5, 2020

Attendees: Sarah Bost, Mathias Brochhausen, Matt Diller, Clint Dowland, Bill Hogan, Donny Weinbrenner

- 1. Review recent updates
 - a. Link to the github update page: <https://github.com/ufbmi/OMRSE/issues>
- 2. Discuss broad monthly meeting with OMRSE community nationally
 - a. Set the date - Assumed September 2nd - **Donny will send email to attempt reschedule**
 - b. Strategy for recruiting OMRSE users to this meeting
 - i. Draft announcement: include recent updates and any major plans
 - ii. Compile [list of listserv](#) email addresses to which we will make one-time announcement of the meeting series
 - iii. Personalized invitations to key users
 - 1. Chris Stoeckert
 - 2. Ask Randi Vita (rvita@lji.org) to send email for OMRSE users to identify themselves - **Action Item: Mathias**
 - a. Create a Google Form that Randi can link to in her email
 - c. Plan the agenda for that meeting
 - i. Welcome and Introductions
 - 1. Interest in OMRSE
 - 2. How are they using OMRSE
 - ii. Mention the Language Module, Education Module, d-acts reharmonization, Social Identity Information Content Entities (related to gender, race, ethnicity, and sexuality)
 - iii. Circulate agenda for topics internally 2 weeks prior to meeting
 - iv. Circulate via broad announcement 5 days prior to solicit agenda suggestions
 - 1. Internal group will make decisions on agenda item inclusion

- v. Big Plans
 - 1. Under broad heading of SDoH
 - a. Behavioral and Environmental Determinants of Health
 - 2. Healthcare Specialist representation
 - a. Contingent on funding
 - 3. Different layers of clinical departments and organizational structures
- vi. Announce that we plan to do a complete review of OMRSE
- vii. Present and discuss the Education Module
- 3. Continue reviewing the issue tracker
 - a. Prioritized issues can be suggested pre-meeting
 - b. Remaining time for each meeting will be used to run down the list of issues
 - i. Matt will clean up existing issue tracker items

July 1, 2020

Attendees: Sarah Bost, Mathias Brochhausen, Matt Diller, Clint Dowland, Bill Hogan, Donny Weinbrenner

- 1. Establishing the structure of the meeting
 - a. Purpose of the meeting
 - i. Engage the entire community of OMRSE users. Get broad based community consensus on areas of fixing and development.
 - b. Ask agenda items of the community before the meeting
 - i. Allows us to set strategic goals
 - ii. Create a community that feels democratic and not hierarchical
 - c. Discussion items
 - d. Github issues
 - e. Solicit examples of novel/successful uses of OMRSE
 - f. Publication efforts should be on the agenda
 - i. Publishing makes the community bigger
- 2. Deciding on what tools will be used to organize meeting agendas, minutes, and other artifacts
 - a. Google docs
 - i. Singular cumulative agenda doc
 - 1. Clickable table of contents at top
 - 2. Heading structure of google docs may be helpful
 - a. Donny and Sarah will investigate
 - b. Zoom settings should be used to keep the meeting secure
 - i. Password, host letting people into the meeting, registration required

1. Donny will draft a Zoom settings plan for review by the group before implementation
- c. Advertising meeting
 - i. Public facing page with details for the call
 1. Could be on github page for OMRSE
 - a. Generally this would be on their wiki
 - i. Sarah will help Donny with markdown
 - b. Donny will investigate and send a draft to group for approval
 - ii. Email listservs
 1. Upfront one time, email OBO developers, etc
 - a. Sarah will assist Donny
 - iii. OMRSE google group
 1. <https://groups.google.com/forum/#!forum/omrse-discuss>
 2. Send reminder every month
 3. Donny will create monthly reminder template to send to the group for review
3. Reviewing and prioritizing OMRSE issues in github
 - a. Certifications #12
 - i. We need further domain analysis as to which certifications are intended by the issues
 - ii. The certificates should be lumped in the effort with education
 - b. Model enrollment in an insurance plan #26
 - i. Mathias will look into this. OMRSE should have representation of insurance plan, payor organizations, etc
 - ii. OMRSE does have enrollment start and end date. They do not have temporal definitions.
4. Review current state of OMRSE to see what is well developed and not well developed
 - a. Students can do an environmental scan to evaluate OMRSE in order to make informed decisions about branch management
 - b. Maybe use as a project in Mathias's Applied Ontology course
 - c. Mathias will provide an update next meeting