

Attendees

- Kris McGlinn (TCD)
- Bohms, H.M. (Michel)
- Georg Schneider
- Seppo Torma
- Mads Holten Rasmussen
- Erika Mata
- Odilo Shoch
- Sandra Gannon
- Dario Bonino
- Markus Helfert
- Jakob Beetz

Date and time

- 20/12/2016
- 11:00 CET

Agenda

1. outside news and review of overall management
 - a. Split Calls, morning and afternoon (to allow for US participation)
 - i. Dates for January: 11/01 11AM CET; 19/01 5PM CET; 24/01 11AM CET; 02/02 5PM CET
 - b. Open the agenda for meeting to members (i.e. they can propose meeting items)
2. revision of the charter and the outward facing document for industry
 - a. Outward facing document can be found here (please edit/add to this) - <https://docs.google.com/document/d/1ucKVBtWLz05-17zXco6FnIQ-mplew7f0Xw2sXyHdqs0/edit>
 - b. Charter is now available on github:
 - i. <https://github.com/w3c-lbd-cg/lbdw/blob/gh-pages/charter/index.html>
 - ii. <https://htmlpreview.github.io/?https://github.com/w3c-lbd-cg/lbdw/blob/gh-pages/charter/index.html>
3. review of use cases and prioritization.

Use case document can be found here (please add to this) - https://github.com/w3c-lbd-cg/lbdw/blob/gh-pages/use_cases/index.md

Some example use cases - https://www.w3.org/community/lbd/wiki/Seed_Use_Cases

Energy Related specifically (Energy Efficient Buildings) -

http://phaedrus.scss.tcd.ie/buildviz/SWIMing/u_c_overview/

4. progress around the core building topology ontology (BOT)

<https://github.com/w3c-lbd-cg/lbdw/tree/gh-pages/bot/2016/11>

5. update of list of participants

https://www.dropbox.com/s/s7489wxh8j4usj9/BDW_Members.xlsx?dl=0

Minutes

1. outside news and review of overall management
 - a. Split Calls, morning and afternoon (to allow for US participation)
 - i. Dates for January: 11/01 11AM CET (Wed); 19/01 5PM CET (Thurs); 24/01 11AM CET (Tues); 02/02 5PM CET (Thurs)
 - b. Open the agenda for meeting to members (i.e. they can propose meeting items)
2. revision of the charter and the outward facing document for industry
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Sandra - Looking for inputs from stakeholders from all phases in the BLC

How can industry contact us? Consistent in the contact point. Need to add this to outward facing documents.

Erika - Sentence with practical details. There could be a sentence 'open for research cooperation' - how will this be funded?

Michel - Building and Construction, should we be more explicit about the broadness of the term. 'Building' is a difficult term which can be interpreted in many ways. Building in general.

Sandra - We must balance length and clarity. We could be more explicit with some of the terms, and make sure there is consistency with terms.

Michel - Construction in general. Second point, we focus on BIM, not GIS or Systems Engineering. Good choice, but is it what we want? How do we define BIM...and what is scope.

Sandra - We must be clear about scope

Seppo - It is about linking data, and not such much define the data, but rather enable the linking.

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3. review of use cases and prioritization.

Use case document can be found here (please add to this) -
https://github.com/w3c-lbd-cg/lbdw/blob/gh-pages/use_cases/index.md

Or alternatively, use the lbd wiki -

https://www.w3.org/community/lbd/wiki/Seed_Use_Cases

Energy Related (Energy Efficient Buildings) on wiki -

http://phaedrus.scsss.tcd.ie/buildviz/SWIMing/u_c_overview/

Michel presentation on asset life cycle:

6 main life cycle phases - a framework for use cases, different areas for application. This is our life cycle dimension.

Supply chain of the asset. Area, Structure, System, Component, Material

Matrix for capturing use cases

Sandra: We should develop the use cases before we have them outward facing

Michel: Let's abstract from what exists, and elaborate on non energy stuff

Georg: Use the overview table

Michel: Can we relate this template to the framework we are after.

progress around the core building topology ontology (BOT)

<https://github.com/w3c-lbd-cg/lbdw/tree/gh-pages/bot/2016/11>

Mads: I have pushed changes to BOT development branch. I need to change access file to point to github. Not sure how to do this? Issues with versioning.

Mads: BOT Building is equivalent. But waiting to update on github. Maybe should include IFC equivalent classes.

Michel: How does it relate to IFC classes which have very clear equivalent classes?

Mads: You suggest OWL equivalent

Michel: In a separate alignment ontology, keep it separate from BOT.

Equivalent class can be explained outside BOT.

Mads: Any idea how it could be extended?

Michel: In geoSPARQL there is a good introduction about topological systems and relationships. Could this be relevant to BOT? Areas, inclusion of areas. A lot of similarity.

Mads: Could we extend BOT with geoSPARQL?

Michel: Sure

Mads: Questions about 2D representations. What to extend for this?

Mads: best practice...BOT is just topology, if you want to do 2D or 3D this is what we suggest could be done.

Seppo: What are the question we want answered by this ontology? Why horizontal, but not vertical zoning.

Are these questions documented? Maybe we should have a list of competency questions.

Dario: What is missing is the clear goal of BOT. Because some of this may already be available in DogONT and SAREF(?). Now the domain is still undefined for me. But apart from technical issues, I do not see the domain.

Mads: These are in this ontologies, but they are all redefined.

Dario: SAREF did a survey of existing standards/ontologies and tried to define the shared concepts as a standard.

Mads: Idea was a common baseline for extensions.

Michel: There may be hundred dealing with topological aspects. A common resource would be helpful.

Georg: A demonstration, how to link. Can we provide this as OWL?

Michel: Is BOT usable for construction?

Mads: There should be another one for bridges, road works...

Michel: Can it be a generic construction topology ontology?

Can we extend it to the BIM side for several construction projects/infrastrcutre

4. update of list of participants

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Action items

- Provide use cases and upload to wiki <All>
- Review the BLC stages and data domains <Michel>
- Provide a list of competency questions for BOT <Mads>

Previous action items

- Coordinate efforts on GitHub <Kris, Maxime> (ONGOING)
- Add Charter to GitHub <Maxime> (COMPLETE)
- Generate overview and external facing document/slides <Ana> (ONGOING)
- Generate external facing schemas <Kris, Sandra> (COMPLETE)
- Manage iterations of ontology (BOT) <Mads, Maxime> (ONGOING)

- Invite and update contacts list <All> (ONGOING)

Previous minutes

Next Call

- 11/01/2016 11:00 CET @ gotomeeting