Meeting #03

Machine Readable Information Delivery Specifications

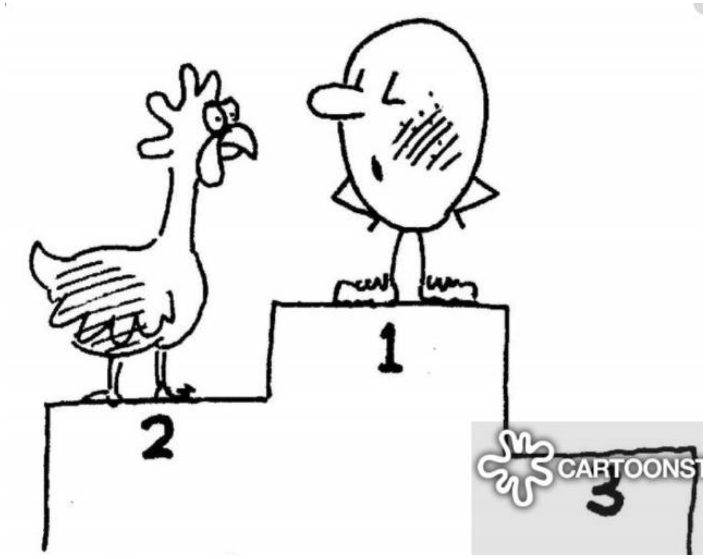
AKA “Information Delivery Specification (IDS)”

Agenda bSi IDS meeting #03

1. Short update
2. Meeting groundrules
3. Recap last meeting
    1. LOIN framework by Marzia/Espen (10 min)
    2. Use-case pitches (7x 10min)
    3. MS Teams
4. Ideas presentations developers
5. Next session #04

1. Short update

- Several new group members – put a cap on team members?
- Even more (written) commitment already!



2. Meeting Ground Rules

- Use-case pull instead vs solution push
- Only people that speak have their camera + mic ON
- All other people that DOT NOT speak have their camera + mic OFF
- People can speak for a max of 2 minutes
- Respect each others use-cases, perspective and vision
- …

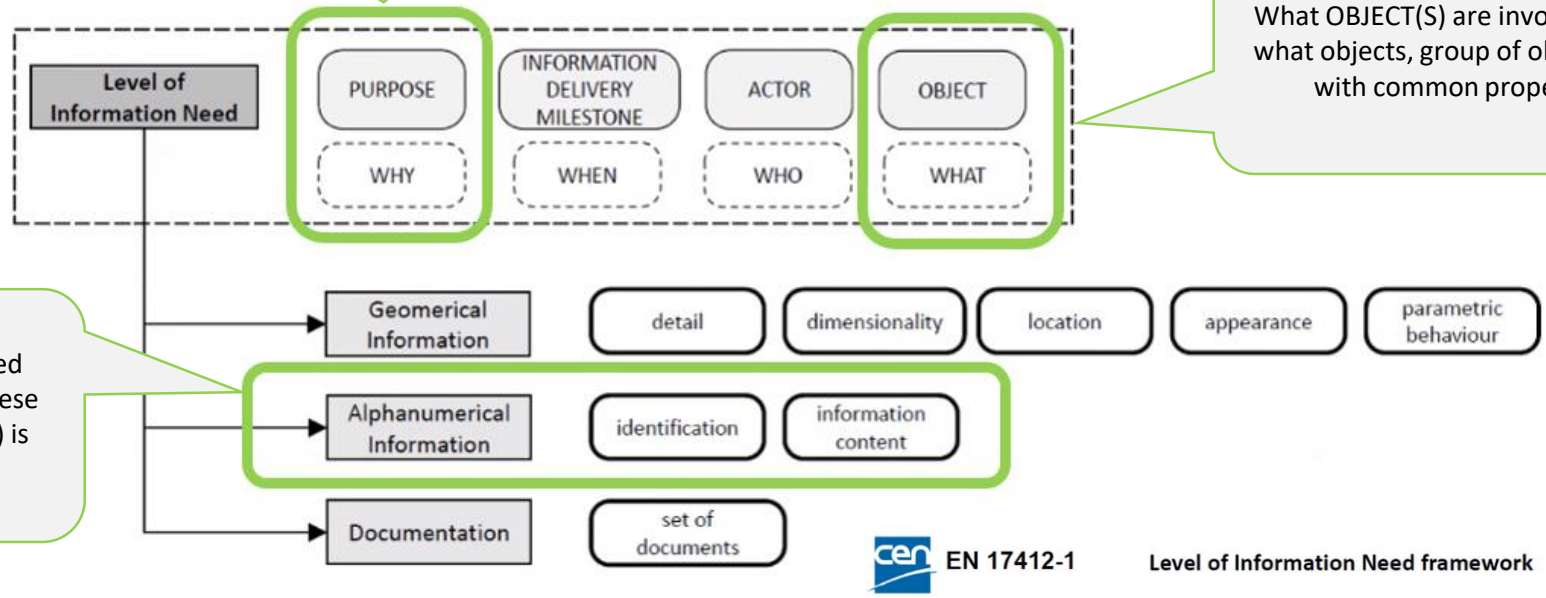
3.1. Recap: LOIN framework

'Methodology' for use-case pitches

What is the purpose of the use-case – why does it matter?

What OBJECT(S) are involved – from the IFC file, what objects, group of objects, sub-sets, objects with common property so and so, etc.

What Alphanumerical Information is needed from these objects – how do you identify these objects? And what Properties (information) is needed from these objects?

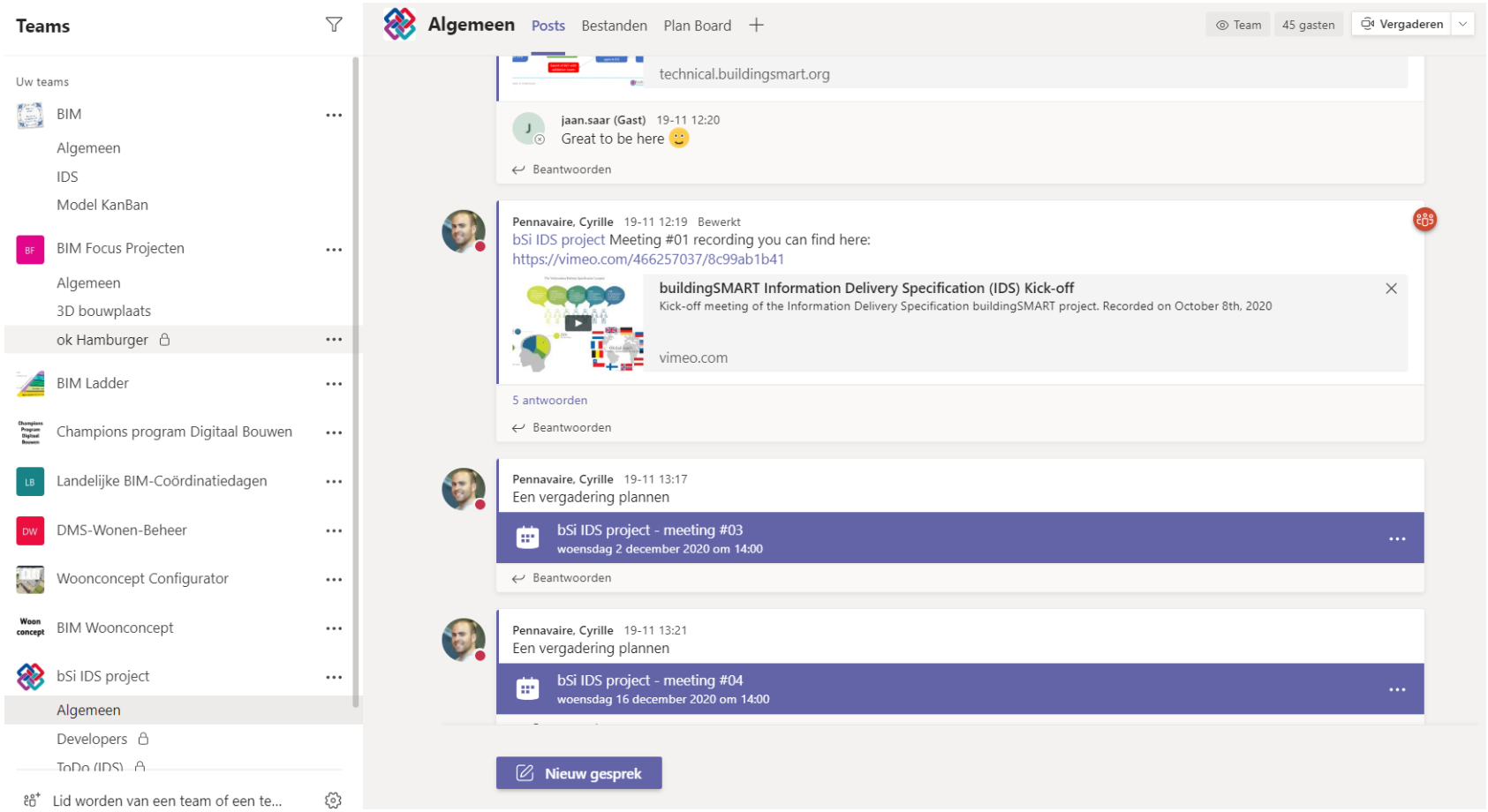


3.2. Recap: Use-case pitches

- ILS O&E : Jeffrey Truijens
- UK : Andrew Knight
- Estonian government : Jaan Saar
- PlanBIM : Paulina Godoy
- Deutchland : Jan Tulke
- ?? : Dion Moult
- Cyrille Pennavaire: Limestone example

After every use-case pitch 5 min questions from <u>Software developers</u> group

3.3 Recap: MS Teams environment



4. Ideas presentations developers

Homework for <u>software developers</u>:

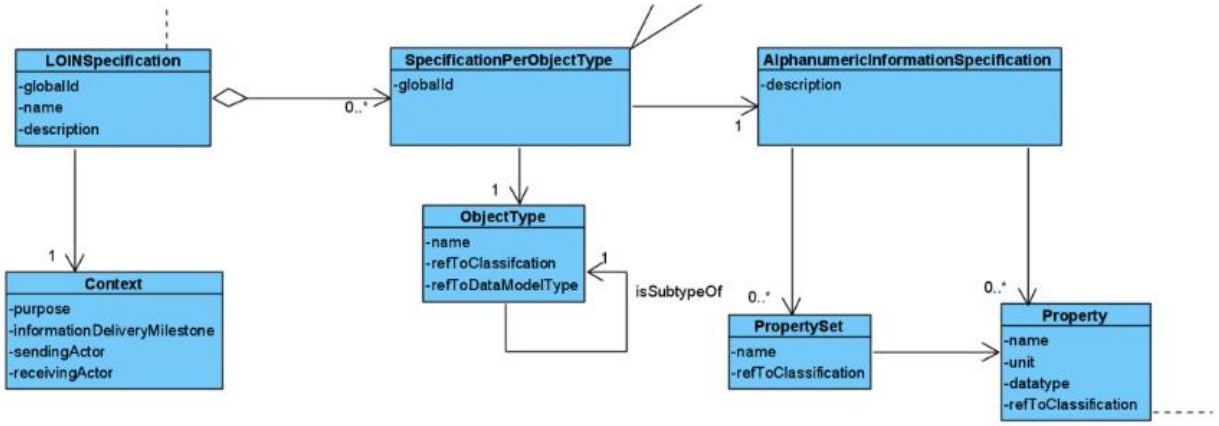
- ‘sketch’ out ideas…format…structure
- Present them meeting #03, #04, etc.
- Discuss
- Agree on data fomat
- Agree on data structure

Arie

Proposition

- Strict separation between instance and type objects
- Definition from domain viewpoint, not IFC
- Use fixed unit for every property
  - Mixed units costs NASA a $123M satellite, so they stopped with it
- Mapping on different IFC versions (IFC2x3, IFC4 and later IFC5)
- Do not map the units to IFC measures, it is too complex
- Think about local ID's, like in Etim
- Allow translations, the end user should work with it
- Use Etim like XML format, but no XSD
- Start with simple properties (including enumerations)

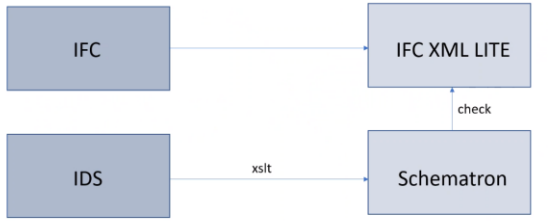
André



- a simple example

Thomas

Open reference implementation

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</rule>
```

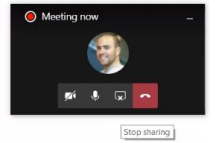
facet

"Applicability"

xsd

Maybe there should be explicit <and>

<selection> and <requirement> use interchangeable concepts *(check with use cases)*

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</rule>
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NB: Meaning here is not the same valid ≡ A -> B and valid ≡ B -> A

5. Next meeting #04 : workshop (16/12/20)

- Workshop: with presentors: Arie, André, Thomas
- Include software implementors: Pasi, Peter M., Jiri, Sergey
- Claudio, Matthias, Peter K.

- Change of time slot just for 16th December: 12.00-14.00