Minutes ETC meeting, Wednesday February 23rd, 2022

Date: Wednesday February 23rd, 2022
Time: 13:00 – 15:00
Place: GoToMeeting

Present: Jan (NL), EDSN
Jan (SE), Svenska kraftnät
Kees, TenneT
Ove, Edisys

Appendix A: ebIX® rules for how to make MRs to WG16

Attachment:

1. Appendixes for ETC minutes.docx
2. ETC workplan (see ebIX® file manager at https://filemanager.ebix.org/#)

1   Approval of agenda

The agenda was approved with the following additions:

- Status for governance of reference models: basic IEC CIM and ESDMP (follow-up item on the agenda), see item 3.1.3.

Since this is a two-hour meeting only, we should start by prioritising the items to deal with:

- New MRs to WG16 and CIM EG Retail market subgroup, see item 3.1.1, MRs to WG16 CIM modelling team and Information from IEC meetings.
- Version for the common ESDMP cloud model, see item 3.1.4.
- Status for versioning discussions in CIM EG Retail market subgroup and WG16, see item 3.3.3
- Can we close item 3.3.2, Regarding Value1, Value2, Value3 ...?

2   Approval of minutes from previous meetings

The minutes from previous meetings were approved.

3 Resolve ebIX®/IEC issues

3.1 Making a European Style Downstream Market Profile (ESDMP)

3.1.1 MRs to WG16 CIM modelling team and Information from IEC meetings

MRs to WG16 and their status are found in a separate document "MRs from ebIX to WG16". The document can be downloaded from the ebIX® File Manager.

Minutes from WG16 meetings can be found at: WG16 / Modelling-Team-Minutes.

Information from before the meeting:

> Ove had as action from previous meeting submitted the MR ebIX® HG 2022/001 (related to MR ebIX® 2022/001 – addition of a self-association to MarketEvaluationPoint to WG16), to the HG. The submission to WG16 will await the result of the discussion in the HG.

> Jan (SE) had as action from previous meeting submitted the "next four MRs" (MR ebIX® 2022/002 to MR ebIX® 2022/005 regarding associations for (CIM) MarketEvaluationPoint) to CIM EG retail market subgroup where they were discussed Wednesday February 16th. There were no objections - Only a few questions here and there.

> Regarding the first MR ebIX® 2022/001 with the self-association, it was agreed that it had not to be discussed in the CIM EG retail market subgroup before it could be provided to WG16 modelling team. All five MRs should be discussed there together. Hence:

> 1) Discuss the MR with the self-association at the HG meeting February 24th. (See mail sent from Ove Tuesday February 15th).
> 2) Meanwhile Ove prepares the maintenance request regarding the self-association to be sent to WG16
> 3) Unless "blocking comments" at the HG meeting, Jan (SE) will then, during Thursday February 24th, send the MR to WG16.
> 4) At the WG16 meeting late Thursday February 24th all five MRs can be discussed together. And hopefully also agreed upon, like there were no big issues February 16th. Thursday February 17th, Jan (SE) plan to tell the WG16 modelling team that the MRs is planned to be discussed the week thereafter.

> Jan (SE) will not expect any "blocking comments", the result may be that the MR to HG will not be agreed upon at the HG-meeting February 24th, perhaps later, or perhaps not, but not stop the corresponding suggested update of CIM.

MR ebIX® 2022/006 to MR ebIX® 2022/010 in the ebIX® MR overview was briefly reviewed, and it was agreed that Ove will make separate MRs to WG16 and CIM EG Retail market subgroup for these. All of these MRs concerns associations to/from MktActivityRecord.

New and continues actions:
- Kees will make some examples on how associations should have been generated according to UML and CCTS.
- Jan (SE) and Kees will continue investigating the rule(s) for which side of an association that is Source and which side that is Target.
- Ove will make MRs for MR ebIX® 2022/006 to MR ebIX® 2022/010 and send them to Jan (SE) and Kees for forwarding to WG16 and CIM EG Retail market subgroup.

At the next meeting we should continue the review of candidate MRs to WG16 and CIM EG Retail market subgroup, starting with MR ebIX® 2022/011.

3.1.2 MRs based on Dutch requirements

Due to lack of time the item was postponed.

3.1.3 Status for governance of reference models: basic IEC CIM and ESDMP (follow-up item on the agenda)

Due to lack of time the item was postponed.

3.1.4 Version for the common ESDMP cloud model

Jan (NL) informed that a link to the CIM model from the previous ETC meeting February 4th goes to an older cim version (iec61970cim17v34_iec61968cim13v12_iec62325cim04v09), hence currently Jan (NL) has imported two newer versions of the CIM model, one with ESMP and one without:

a) iec61970cim18v01_iec61968cim14v00_iec62325cim04v08_CIM101.0 (Late (latest?) CIM version without ESMP)

b) 20211226_iec61970cim17v34_iec61968cim13v12_iec62325cim04v08 (Late (latest?) CIM version without ESMP)

However, Jan (SE) suggest that we use the latest one from Becky, which is the model from the link in the minutes from February 4th. This was agreed.

During the meeting, Ove downloaded the latest CIM model from Becky and put it on a Dropbox folder where Jan (NL) downloaded it, for later upload to the common cloud EA version.

Item closed.

3.2 Status for ENTSO-E CIM EG Retail market subgroup (follow-up item on the agenda)

Due to lack of time the item was postponed.

3.3 Preparations for coming WG16 meetings

3.3.1 ebIX® MRs to WG16 – discussions with CIM EG

Due to lack of time the item was postponed.

### 3.3.2 Regarding Value1, Value2, Value3 ...

From Jan (SE):

> At (almost) the end of the WG16 modelling team meeting January 13th it was a discussion about the possible addition of a value3* attribute to the existing value1* and value2* attributes.

E.g. in the class currently called ResourcePerformanceTimeSeriesFactor, but soon to be called ResourceTimeSeries (se artefact at the right).

Of course, if the business requirement describes that you are having multiple values it should be possible. But will it end with three…

Well, you can have a minimum value, a maximum value and a an average or default value – like in the ResourceCapacity class:
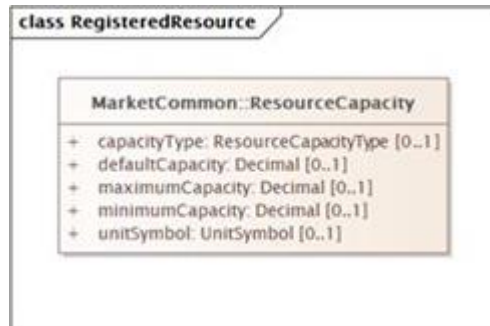
Or you can have a both a quantity and a secondary quantity as in the Point class (in MarketManagement).
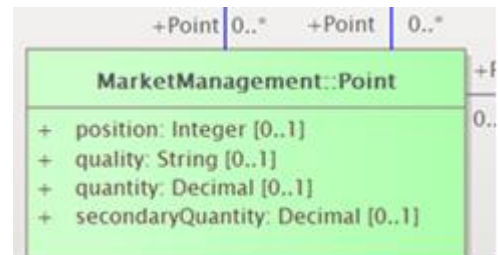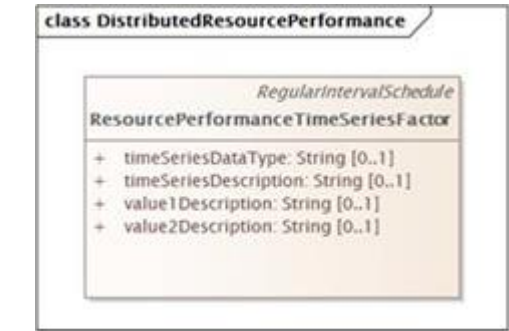
Maybe CIM does not need to be normalized but having several attributes (almost) meaning the same thing, seems strange. It looks like going around the rule of just having "0..1" for each attribute – making it possible to have "0..2", or for instance now with the suggestion of a "value3…", a "0..3" multiplicity within the class.

E.g. instead of having two quantity attributes in the Point class, I would rather use the 0..*-association from the Point class to the Quantity class in order to make it more flexible. Then I could have both a minimum quantity, a maximum quantity, an average quantity, a "secondary quantity", a mean quantity, … (other types of quantities could be percentile quantities – but then you could need to use not only the Quantity class, but also the association to itself in order to specify both the quantity and its percentile as another quantity value).

Anyhow, what I wanted to mention is that I would rather have used an association from ResourceCapacity to a class with the association 0..* making it possible to specify different kinds of values (like default, maximum, minimum). And from ResourceTimeSeries to a class with the association 0..* having a "valuedescription" that – due to the association – could be repeated.

But I don't know the use cases here, those and the business requirements are more important.

Jan (SE) informed February 16th that WG13 now has agreed to add "value3" to the BasicIntervalSchedule class, ref. https://redmine.ucaiug.org/issues/5285. Jan (SE) questioned at the latest WG16 modelling meeting whether you would have both value1, value2 and value3, but this was something that rather WG13 would discuss at its modelling meeting. And whether it was brought up there, he didn't know.

However, Jan (SE) would like to see this as an example of a more principled question: Should you have more than one attribute of the same type (for example, several "quantity") in one class and if so when?

Conclusion:

- It was agreed to continue the discussion later, e.g. at a common dinner sometime in the future.

Item closed.

3.3.3 Status for versioning discussions in CIM EG Retail market subgroup and WG16

Jan (SE) had noted that there is a chapter in the (draft) CIM modelling guide about versioning, see chapter 8 in https://cimug.ucaiug.org/Model%20Manager%20Documents/Public/CIM%20Modeling%20Guide_v1.1.pdf. That is however not about versions of profiles, but it could perhaps give some input to the thoughts.

Kees presented an almost finished draft of a document describing rules for versioning of basic CIM models and CIM profiles (for ACCs the <<based on>> part 301 needs some extra attention). Kees' presentation of the issues started a longer discussion, among others with the following comments:

- The question is: Do we need an individual version number for ACCs, ABIEs and 301 classes?

- It was also noted that a "latest update date" may be better than a version number for some of the objects, such as ACCs, ABIEs and 301-classes.

- Jan (SE) informed: Regarding versioning there is a WG13 issue about versioning of packages, see https://redmine.ucaiug.org/issues/5111. And there is also something about versioning in a ENTSO-E document regarding CGMES profiles (not studied), "CGMES Profiling Users Guide".

Conclusion:

- Kees will finalise the document and distribute it to ETC for commenting before finally forwarding it to CIM EG Retail market subgroup.

To be continued.

4   Request from EBG

Due to lack of time the item was postponed.

5   EG1 status

Due to lack of time the item was postponed.

6   Problems with TT (Eclipse) – To remember item (to be reopened when the TT is needed)

Due to lack of time the item was postponed.

7   Resolve HG issues

Due to lack of time the item was postponed.

8   ebIX® Business Information Model 2022.A

Due to lack of time the item was postponed.

9   Code lists from Magic Draw model in Word format

Due to lack of time the item was postponed.

10   Review of ETC workplan

Due to lack of time the item was postponed.

11   Next meetings[1]

- Tuesday March 22nd from 13:00 to 15:00, GoToMeeting.
- Tuesday March 29th and Wednesday March 30th, 2022, with a common ebIX® Forum and ETC dinner the evening of Wednesday March 30th, at BDEW's offices in Berlin.

12   AOB

No items

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[1] All Face-to-face meeting starts 09:00 the first day and end at 16:00 unless otherwise explicitly stated.

Appendix A   ebIX® rules for how to make MRs to WG16

1) Artefacts used for MRs to WG16 shall be stored as separate packages in the common cloud EA model.

2) Always review existing definitions of attributes, classes etc. that are related to the MR in question and if needed propose updates to these definitions.

3) First investigate basic CIM to see if the object we intend to send an MR for already is available there.

   If yes, we should make a MR for 62325-351 (ESMP), if not we make a MR for both basic CIM and ESMP.