Minutes ETC meeting, April 13th and 14th, 2010

Date: Tuesday and Wednesday, April 13th and 14th, 2010
Time: 9:00 - 17:00 (18:00?) and 9:00 - 16:00
Place: VEÖ, Vienna,
Participants: Jan Owe, SvK
Lucy Sarkisian (Convenor), TenneT (day 2)
Kees Sparreboom, TenneT
Koen Reynvoet, UMIX
Ove Nesvik, EdiSys

Attachment:

National Swidish Codes April 2010.xls , see item 5

How publish ebIX model.ppt , see item 8

Microsoft Office PowerPoint 97-2003 , see item 10

2010-02-23_Hinweise an ebIX.pdf , see item 13.3 under AOB

1 Approval of agenda
The agenda was approved with the following additions:
- Request from CuS for update of the ebIX® Domain model, see 13.1 under AOB
- Questions from Belgium, see 13.2 under AOB

On the first day the following items were given priority:
- Freezing of the current profiles, i.e. UMM, UPCC, ebIX…, see item 4.
- Finalisation of CuS (four basic structures) and EMD BIV document examples, with a focus on OCL statements, see item 3.
- Requirements for the transformation tool, including its relationship to version 3 of the UN/CEFACT standards, i.e. UMM, NDR, UPCC, CCTS…, see item 9.

2 Minutes from previous meetings
The minutes from the previous meeting were approved.

3 Review of UMM2 version of the ebIX® model for CuS and EMD - Main item for Tuesday 13th
Kees had sent a question to MagicDraw related to the usage of OCL statements and got a 7 page answer back. The answer was briefly reviewed and among others the following decisions were made:

- All OCL statements should be stereotyped as <<invariant>>
- Some usage rules:
  - ->size()=0 ➜ used for cardinality [0..1]when these are not used
  - ->size()=1 ➜ used for cardinality [0..1] when these are required
  - isEmpty()➜used for cardinality [1..*] or [0..*] when these are not used
  - notEmpty()➜used for cardinality [1..*] or [0..*] when these are required
  - Avoid **and** and **or**
  - Example:

```
{CD BDT PLD=-- CD BDT PLD, Restricions for BDTs, Request Change-of-Supplier
-- Process.Energy_Context
self.Process.Energy_IndustryClassification.content=SectorArealdentificationCode::23
   or self.Process.Energy_IndustryClassification.SectorArealdentificationCodeType.content = 27
inv:self.Process.Energy_BusinessProcess.content=BusinessReasonCode::E03
inv: self.Process.Energy_BusinessProcessRole.content=BusinessRoleCode::DDQ
inv: self.Attached.Document_Type.content=DocumentNameCode::392}
{CD DEP=-- CD DEP, Dependencies, Request Change-of-Supplier
self.Payload.BalanceResponcibleParty->size()=0  implies Self.Payload.TransportCapacityResponsible->size()=1
inv:self.Payload.TransportCapacityResponsible->size()=0  implies self.Payload.BalanceResponsibleParty->size()=1}
{CD STR PLD=-- CD STR PLD, Structure for Payload, Request Change-of-Supplier
-- Required ABIEs
self.Payload.BalanceSupplier->size()=1
-- Not used ABIEs
inv: self.Payload.MeteredDataResponsible->size()=0
-- Required BBIEs
inv: self.Payload.Occurrence->size()=1
inv: self.Attached.Sender.Role->size()=1
inv: self.Attached.Recipient.Role->size()=1
--Not used BBIEs
inv: self.Payload.BalanceSupplier.Name->size()=0
inv: self.Payload.BalanceResponsibleParty.Name->size()=0
inv: self.Payload.TransportCapacityResponsible.Name->size()=0
inv: self.Payload.MeteredDataResponsible.Name->size()=0
inv: self.Payload.BalanceSupplier.Role->size()=0
inv: self.Payload.BalanceResponsibleParty.Role->size()=0
inv: self.Payload.TransportCapacityResponsible.Role->size()=0
inv: self.Payload.MeteredDataResponsible.Role->size()=0}
```

- MagicDraw adds automatically the first line of an OCL statement, however this is removed if the constraint is specified as English text (and not OCL) and is also removed from textboxes showing the constraint. Kees will ask MagicDraw to get this bug (?) fixed.

Denmark had asked if the *Business Function Code* has been skipped deliberately from the CuS documents and/or ETC header proposal. And, the answer is "Yes". EMD has modelled the *Business Function Code* on the Time series level, while CuS haven't found the need for it (yet).

Homework:
- Kees will send a request to MagicDraw asking them about the bug (?): *MagicDraw adds automatic the first line of an OCL statement, however this is removed if the constraint is specified as English text (and not OCL) and is also removed from textboxes showing the constraint.*

4   MagicDraw profiles
Kees had a meeting with the TMG UMM experts from the Technical university of Vienna (Christian Huemer, Philip Liegel…) the day before and had got answers on most of the questions from previous meeting. Those questions not answered will be discussed at the next UN/CEFCAT Forum meeting (Bangkok in two weeks time). The questions were gone through and the profiles were updated according to the answers provided.

One consequence for the CuS and EMD models is that we have to make all associations *navigable* and *sheared*.

It was agreed to base all ebIX profiles on UN/CEFACT standards version 3.0. This applies for all profiles (UPCC, CCTS, Core data type catalogue, NDR, …) except for the Core Component Library (CCL), which still is based on CCTS version 2.01. There is a problem related to the latter, i.e. the CDT *Numeric* has been removed from the *Core data type catalogue version 3.0,* but is still used in the current CCL. The *Numeric* data type in the ebIX® part of CCL will be replaced by another type, e.g. *Value*.

Kees had also updated the MagicDraw profiles to be in line with the UN/CEFACT standards version 3.0, which was reviewed and cleaned up based on the answers from the meeting with TMG the day before. Among others all associations in the UMM and UPCC profiles were removed.

And, Jan had verified and updated the documentation in the UMM2 profiles. The UMM2 profiles were also updated according to the results from the TMG meeting the day before. Jan comment that bLibrary (is in italic on page 11 in the Base Module, see also page 13 in Foundation module) have been changed to "is Abstract", even though that is not specified in the text. Since I can read "Stereotype bCategory (BusinessCategory, abstract)" and "Stereotype BusinessAction (BusinessAction, abstract)" in the Foundation module we can suggest that TMG update the text "Stereotype bLibrary (BusinessLibrary)" to "Stereotype bLibrary (BusinessLibrary, abstract)". This comment will be forwarded to TMG.

After this meeting all MagicDraw profiles are as updated as they can be with the current status of the documents from UN/CEFACT. Kees will do a last verification of the profiles and distribute it to the ETC members present on Friday after the ebIX® Forum meeting.

Homework:
- Kees will do a last verification of the profiles and distribute it, to the ETC members present, on Friday after the ebIX® Forum meeting.
- Kees will forward the comment from Jan above to TMG.

5 National code lists for inclusion in the ebIX® profiles.
As homework from previous meeting Jan and Ove should come up with Swedish and Norwegian national codes. The code from Jan is attached as an Excel document, while the codes from Ove can be found below:

Due to lack of time the item was postponed until next meeting.

6 New modelling features

The item was postponed.

7 Proposal for updated and simplified ebIX® Methodology

The item was postponed.

8 How to publish, distribute and make national customisations of the ebIX® models

Kees had as homework from previous meeting made a first draft presentation to the ebIX® forum, related to publication, distribution and national customisations of ebIX® models. The presentation was reviewed and updated and will be presented on the ebIX® Forum meeting, see attached presentation.

9 Specifications of ebIX® Transformation tool

The last two hours of day two was spent on a specification of the XML translation tool. Kees will as homework clean up the proposal and thereafter comments will be exchanged by mail.

Homework:
- Kees will clean up the proposal for a specification of the XML transformation tool and distribute it to ETC.
- All should make comments to the document by mail.

10 Preparations for ebIX® Forum meeting April 15th

A status presentation, including short and long term work, was made for the ebIX® Forum meeting the day after (attached).

11 If time items (candidates for items, but only if proposals for discussion are available)

No items dealt with.

12 Next meeting(s), including start and end time.
- Wednesday May 19th and Thursday May 20th, 2010, in Amsterdam

13 AOB

13.1 Request from CuS for update of the ebIX® Domain model
The proposal for inclusion of text related to *Structure* in the ebIX® domain model was postponed.

13.2 Questions from Belgium
Koen explained a process currently under discussion in Belgium:
- A *New balance supplier* (BS) requests *end of supply* to a *Service provider* (SP). Belgium expects two or three *Service providers* in the near future
- The *Service provider* forwards the request to the *Metering point administrator* (MPA), who verifies the *Metering point ID* (MP)
- The MPA confirms the MP-ID to the SP
- The SP requests *end of supply* to the *Old balance supplier*
- …

This created a discussion:

- Kees expressed that the *Service provider* not is a role in itself, but a third-party acting on behalf of the *Balance supplier* or the *Metering point administrator*.
- However Koen questioned this, since the *Balance supplier* not is authorised to get information related to who is the current *Balance supplier*.
- The solution seems to be making the model in two levels; one between the business roles (without the *Service provider*), and a second model for the interface between the *Service provider* and the role he represents (*Balance supplier* or *Metering point administrator*).
- Koen explained that Belgium is planning to make a complete UMM Business Requirements View (BRV) for such processes, and thereafter make Implementation guides for each interface, i.e. between two roles.

13.3 *Proposal from EDNA for changes to the ebIX® web site*

Vlatka had forwarded some hints for our new website from the EDNA initiative, who is also member of our vendor group. Due to lack of time the item was postponed (attached).

Appendix A THE TASKS OF THE *GENERAL ETC* AND THE *ETC MODELLING EXPERT GROUP*

Task	Group	Priority	Planned

Maintain the ebIX® technical documents:
• ebIX® Modelling Methodology (Draft for v2.0A)
• ebIX® Modelling Methodology (Draft for v2.1A)
   o Evaluate if a paragraph related to OO modelling is needed when the first complete ebIX® UMM compliant model is available.
   o National customisation using the *Business realisation View*
• ebIX® common rules and recommendations (v1r1D)
• ebIX® Recommendations for acknowledgement and error handling (v1r0C)
• ebIX® Recommended identification schemes for the European energy industry (v1r1D)
	General ETC	Urgent
		To be done
		
		When need
		To be done
		
		When need
			Q1 2009
			
			Q2 2009

Maintain ebIX profile for MagicDraw, including: • Core Components • Code lists • Templates, etc.	ETC Modelling expert group		Q2 2009 (after EMD and CuS RSM)
Participation/representation in the ETSO, EFET and ebIX® Harmonisation group • Maintaining harmonised role model • Core Components • Information exchange between participation organisations	Participants from General ETC		

Participation in:
• UN/CEFACT
   o TBG1
   o TMG
• ETSO/TF-EDI
• IEC/TC57/WG16
	Participant(s) from ETC Modelling expert group		

Input of information for the ebIX® web site	General ETC	Urgent	
Organise implementation support, such as: • ebIX® course • Implementation support for participating countries, such as inserting/updating codes.	General ETC	When need	
Supporting ebIX® projects, i.e.: • Develop and maintain the UMM *Business Choreography View* and *Business Information View* from the CuS and EMD working groups. • Develop and maintain XML schemas based on the *Business Information View* from the CuS and EMD working groups • Integration of the ebIX® model for acknowledgement and error handling into ebIX® models (UMM compliant) • Maintain ebIX® Domain model	ETC Modelling expert group	Urgent	Q1 2009
Maintaining EMD and CuS models when standards of relevance are updated, i.e.:	ETC Modelling	When need	

Task	Group	Priority	Planned
• UMM • NDR • CCL (and CCTS) • UPCC • Harmonised European role model	expert group		
Follow up on request to UPCC project: • Proposal for addition of the property *Status* to the *CodelistEntry* stereotype.	ETC Modelling expert group	Continuous follow up	

Appendix B   PARTICIPANTS IN ETC

Name	Company	Telephone	Mobile	E-mail
Alexander Pisters (vice convenor)	E WIE EINFACH Strom & Gas GmbH	+49 234 515-2442	+49 162 257 5428	Alexander.Pisters@rwe.com
Christian Odgaard	Energinet.dk	+45 76 22 44 63	+45 23 33 85 55	cco@energinet.dk
Christian Le	Statnett			christian.le@statnett.no
Christoph Ruffing	swissgrid	+41 58 580 21 37	+41 76 313 15 63	christoph.ruffing@swissgrid.ch
Jan Owe	SvK		+46 705 396 930	Jan.Owe@svk.se
Jon-Egil Nordvik	Statnett	+47 22 52 70 00	+47 975 36 303	jon-egil.nordvik@statnett.no
Kees Sparreboom	TenneT		+31 622 66 7911	kees.sparreboom@capgemini.com
Koen Reynvoet	UMIX			Koen.Reynvoet@indexis.be
Lucy Sarkisian (Convenor)	TenneT		+31 613 643 092	l.sarkisian@tennet.org
Ove Nesvik (Secretary)	EdiSys	+47 22 42 13 80	+47 928 22 908	ove.nesvik@edisys.no
For information:				
Adrian Fuchs	swissgrid			Adrian.Fuchs@swissgrid.ch
Cynthia Bonne	Eandis/ UMIX			cynthia.bonne@eandis.be
Rudolf Baumann	swissgrid			Rudolf.Baumann@swissgrid.ch
Observers:				
Daniele Bui	EDF Distribution			daniele.bui@distribution.edf.fr
Heli Anttila	Fingrid			heli.anttila@fingrid.fi
Juraj Horvat	VSE Kosice			horvat_juraj@vse.sk
Lembit Sünt	Estonian Energy			lembit.sunt@energia.ee
Radoslav Haluska	VSE Kosice			Radoslav.Haluska@rwe.com
Riina Heinimäki	Finish energy			riina.heinimaki@energia.fi
Svein Olsen	Navita			Svein.Olsen@navita.com
Sylvie Mallet	EDF R&D			Sylvie.Mallet@edf.fr
Terje Nilsen	Nord Pool	+47 67 52 80 44	+47 930 34 100	terje.nilsen@nordpool.com
Thilo.Lombardo	EDNA	+49 241/9671 194	+49 172/7181742	Thilo.Lombardo@kisters.de
Tor Åge Halvorsen	Nord Pool			tor.halvorsen@nordpool.com
Willem Strabbing	KEMA			Willem.Strabbing@kema.com