

CIDOC CRM SIG Meeting

together with

FRBR/CIDOC CRM Harmonisation Working Group

Meeting #8

Heraklion, ICS-FORTH, 25-27 October 2006

Participants: Trond Aalberg (IDI, NTNU, Norway), Chryssoula Bekiari (ICS-FORTH, Greece), Martin Doerr (ICS-FORTH, Greece), Nicolas Esposito (on day 1) (CNRS, France), Günther Görz (on day 1) (Erlangen University, Germany), Max Jacob (on day 1) (IRCAM, France), Patrick Le Bœuf (BnF, France), Ebrahim Mottaghi (Uppsala University, Sweden), Kurt Nyberg (Uppsala University, Sweden), Mika Nyman (Synapse Computing Oy, Finland), Christian Emil Ore (Oslo University, Norway, and chair of ICOM CIDOC), Allen Renear (GSLIS/UIUC, Illinois, USA), Pat Riva (McGill University, Canada, and chair of the IFLA FRBR Review Group), Richard Smiraglia (Long Island University, USA), Steve Stead (Paveprime Ltd, UK), Richard Urban (University of Illinois Urbana Champaign, USA), Håkon Bjørge Vestli (Oslo University College, Norway), Thomas Wikman (Uppsala University, Sweden), Maja Žumer (Ljubljana University, Slovenia).

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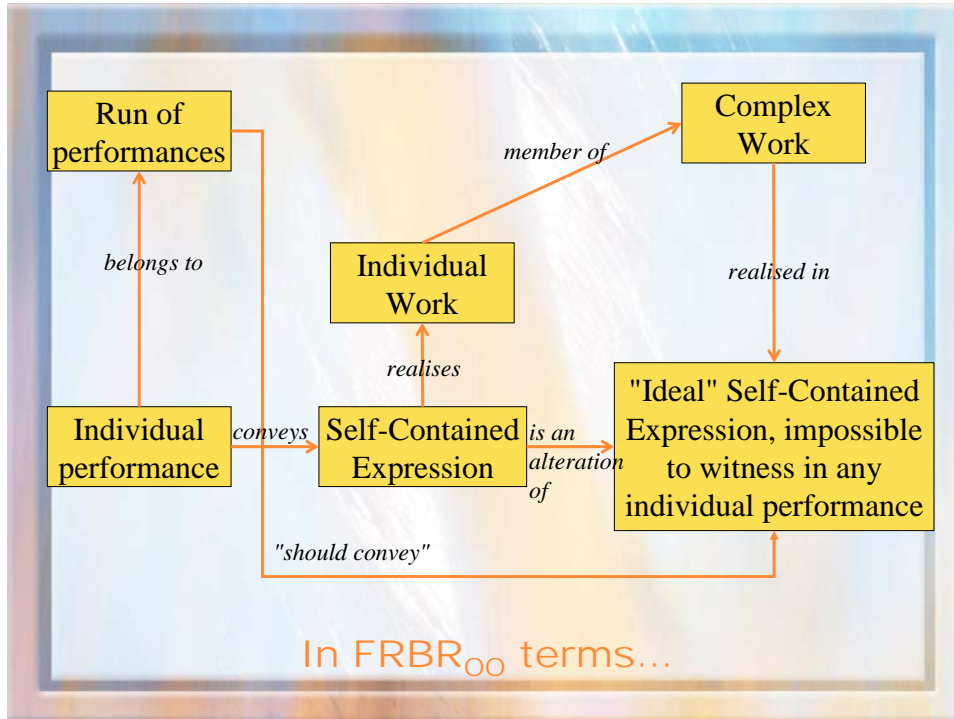
Martin Doerr gives a status report on CRM SIG activities:

- ongoing harmonisation work with FRBR,
- ongoing harmonisation work with TEI,
- Gerald Stone attended the CIDOC Conference, he is interested in harmonising archival practice (especially DACS) with CIDOC CRM,
- ISO: the CRM SIG will have to propose relatively soon an amendment relating to the following changes:
 - *P33 used specific technique*: current domain is E11 Modification, to be replaced with E7 Activity;
 - *P32 used general technique*: current domain is E11 Modification, to be replaced with E7 Activity;
 - *P69 is associated with* can be used to describe sequences of procedures;
 - F14 Identifier and *R51 consists of (forms part of)*, which result from the harmonisation of FRBR with the CIDOC CRM, should be added to the CIDOC CRM, with E42 Object Identifier declared as a subclass of F14 Identifier; both E42 and F14 can be constructed and consist of instances of E41 Appellation (Steve Stead to elaborate a complete proposal);
 - Revised scope note for E28 Conceptual Object: Steve Stead's proposal is accepted and should go to the definition of the CIDOC CRM.

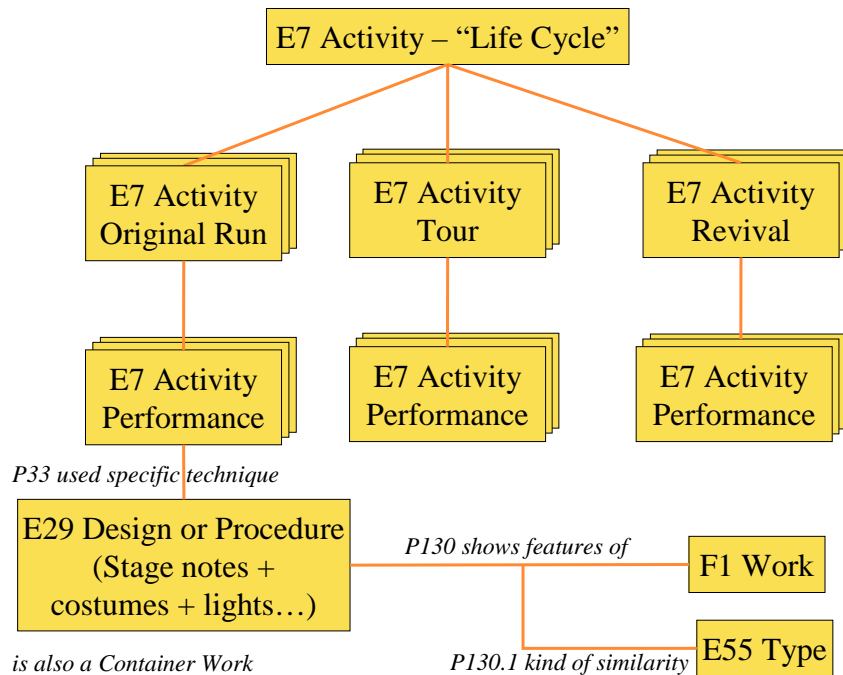
In addition, should a property named “memorised in” be created from E28 Conceptual Object to individuals? Steve Stead opines that we should deal with that only once we have dealt with oral traditions in FRBRoo.

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The topic of performing arts is addressed. Patrick Le Bœuf gives a presentation titled *Performing arts as a field for conceptual modelling*, which contains the following proposal:



Steve Stead develops on the spot an alternate proposal:



After Patrick's presentation we focused on what is the real meaning of documentation on performing arts. Do we document performing arts in order to reconstruct or we document for historical reasons making the appropriate economy on descriptions? For example if we have to document 10 same performances do we document each one separately or we document them together? In BnF they document each one separately. Another question which is posed was if any performance contains the same self contained expression. Patrick said that they treat them as manuscripts. Finally we agreed that for documenting performances we should stay very close to reality and do not include in the documentation the interpretation of them.

Martin Doerr proposes the following, which is accepted by all:

Mise-en-scène is a Work (a Container Work), which elaborates, in a majority of cases, on something existing (typically, the text of a play); it has an Expression which is only virtual (consisting of dialogues between stage directors and actors, light designers, costume designers, etc.); it is a specialisation of E29 Design or Procedure in that it has a prescriptive nature (let's call it "Stage Directions" or "Performance Directions" for lack of a better term for the time being) which implies the use ("incorporates") of the text or parts of the text of the play (F2 Expression). Performances can be captured through an activity of recording which creates a new, distinct Work. To sum up, we declare 4 new entities and 2 new properties:

F50 Performance Directions: is a subclass of F20 Self-Contained Expression and of E29 Design or Procedure. Property: *R63 incorporates* F2 Expression.

F51 Stage Production Work: is a subclass of F48 Container Work (unless it is an extemporisation, such as in the Commedia dell'Arte).

F52 Performance: is a subclass of E7 Activity. Can be instantiated by a single performance, a run of performances, an original run of performances + its tours and revivals. Property: *R64 performed* F50 Performance Directions.

F53: Recording Work: to be discussed at next meeting.

Actions: Patrick Le Bœuf to provide draft scope notes for F50, F51, F52, R63, and R64, along with suggestions for better names (those entities should cover any kind of shows, not just theatrical productions, i.e. they should cover choreographic works, puppet shows, Commedia dell'Arte extemporisations, street theatre, etc.) and practical examples from the BnF's databases both in MARC format and in EAD; Trond Aalberg to provide examples as well; Mika Nyman and Richard Smiraglia to draft a proposal about about the scope of F53 Recording Work (which should cover also taking photographs of museum objects).

Nicolas Esposito (CNRS) and Max Jacob (IRCAM) give a presentation of the CASPAR Project (Cultural, Artistic & Scientific knowledge for Preservation, Access & Retrieval). The goal is to document the creation process of works (who did what?), to ensure long-term understandability and preservation. It is necessary to store *comments*, and to handle interactions between works, performances, machines, and audience. The draft conceptual model underlying the CASPAR Project is named AWLCD (Artistic Work Life-Cycle Description). Interactive systems used in contemporary music are a challenge: there is a need to document them in order to have the possibility to replay the work in the future. How to express that kind of documentation in FRBR and/or CIDOC CRM?

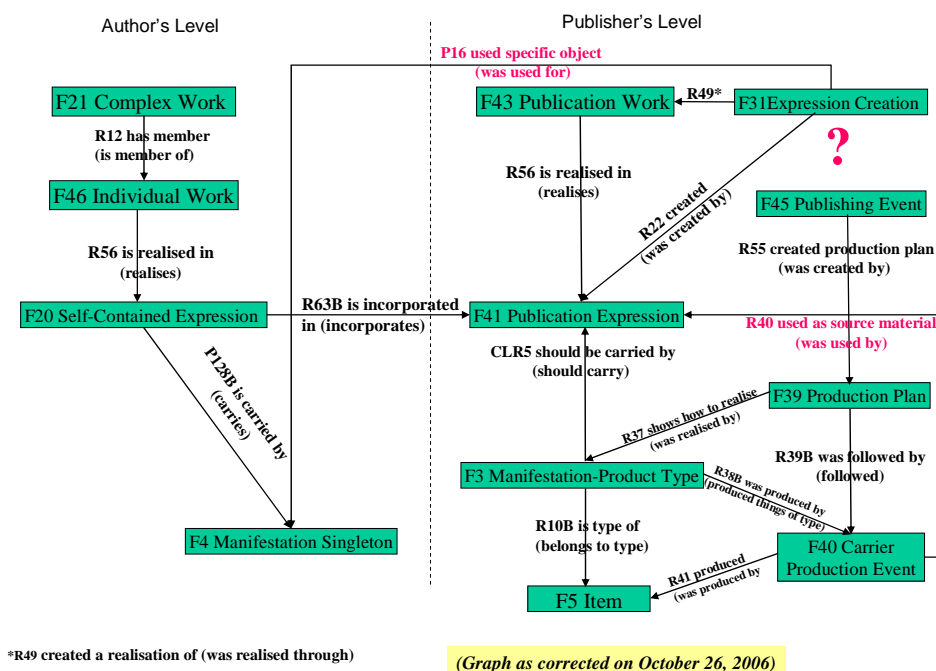
Martin Doerr opines that such issues can be covered by FRBRoo and we thought that OAIS model and CRM may be another work of harmonization.

On the basis of his proposal for performing arts, Martin Doerr argues that we were wrong to use the property *R11 forms part of* between F20 Self-Contained Expression and F41 Publication Expression. This case is actually very similar to the incorporation of existing material in a given instance of Expression, which is the object of the newly created property *R63 incorporates*. Similarly, this expresses adequately the relation between a pre-existing Expression and the Expression of a Container Work; he proposes therefore a generalisation of all three cases (i.e.: inclusion of an Expression in, say, an anthology; addition of renditional features in a publication; and addition of gestures, lighting, costumes etc. to the text of the play) through a single property: *R63 incorporates (is incorporated in)*. Its domain is generalised to F20 Self-Contained Expression:

F20 Self-Contained Expression *R63 incorporates (is incorporated in)* F2 Expression.

Action: Patrick Le Bœuf to redraft the scope note for *R11* is composed of (forms part of) in order to make it clear that we make a distinction between *component* relationship and *inclusion*.

Martin Doerr then exposes the problem we have with publication processes. F40 Carrier Production Event should not be linked directly to F4 Manifestation Singleton – it is the creation of the F41 Publication Expression that makes use of the F4 Manifestation Singleton. The graph sent by Martin Doerr prior to the meeting is corrected accordingly. The correct chain is: F40 Carrier Production Event *R40 used as source material (was used by)* F41 Publication Expression.



A discussion followed, about the use and dissemination of FRBRoo. Pat Riva's view is that we should first finish this work and have it go through the approval process (in 3 steps: approval by the FRBR Review Group, approval by the IFLA Cataloguing Section's Standing Committee, worldwide review), and then see if it implies changes in the ER version of a FRBR (for a future 2nd edition).

Similarly, FRBRoo has to go through the process of CIDOC approval. Martin envisions three actions to be launched:

1. Define the extent of FRBRoo for approval. For that purpose, use the scope of CIDOC CRM and transpose it to the library world. What we want to be approved is just the definition of FRBRoo, but in order to be fully understood, it has to be sent along with graphical annotations, Trond Aalberg's mapping from FRBRer to FRBRoo, the list of entities and properties borrowed from CIDOC CRM, and mappings from records in various formats to FRBRoo (in order to illustrate that the purpose is *information integration*). The scope of FRBRoo shall be drafted in 3 steps:

- an **initial intended** scope for approval (to be drafted by Allen Renear by the end of November);
- a current practical scope (to be drafted by Martin Doerr), and finally
- an extended scope (to be drafted by Pat Riva and Patrick Le Bœuf).

2. Define the relation of FRBRer and FRBRoo. This was done on the spot: FRBRoo represents the properties/attributes of FRBRer; it represents the concepts behind documentation structures (*not* how they should be used or what their functions are); it provides more elaborate explanation; it makes a connection between FRBR and a wider CRM scope.

3. Produce a set of recommendations:

- placement of the semantics of the attributes (to be drafted by Trond Aalberg), and
- text of definitions of the entities in FRBR (to be drafted by Martin Doerr).

Discussion about how to model URLs. Martin Doerr argues that they are Physical Object Identifiers for information carriers. Mappings should be revised accordingly.

All the properties declared in FRBRoo are examined in order to determine what their superproperty in CIDOC CRM is, so that FRBRoo can be said to be an extension of CIDOC CRM. Some of them cannot be handled on the spot as they pertain to the Meta-CRM. These are postponed for the time being. For all other properties, the next version of the definition of FRBRoo will indicate what their superproperty is in CIDOC CRM.

Maja Žumer proposes that the members of the IFLA FRSAR Group (Functional Requirements for Subject Authority Records, in charge of modelling aboutness relationships) should be made aware of the CIDOC CRM through a tutorial on the occasion of their next meeting, due in Ohio on December 8-15. **Richard Smiraglia will give that tutorial.**

The examination of the FRAD document (Functional Requirements for Authority Data) highlights the fact that the notion of *persona* is not covered currently by the CIDOC CRM.

Trond Aalberg will see what can be mapped trivially from FRAD to FRBRoo and what needs discussion at our next meeting. Maja Žumer and Pat Riva will compare the scope notes between CIDOC CRM, FRBRoo, and FRAD.

Martin Doerr and Patrick Le Bœuf will provide graphics of FRBRoo in function groups.

Our next meeting will take place in Paris on March 14-16, 2007, possibly on two locations (National Library of France and C2RMF). **Patrick Le Bœuf to organise that meeting.**

To do list:

Steve Stead to elaborate a complete proposal for E42 Object Identifier and F14 Identifier.

Steve Stead will make the visio graphics that we have in the site in xml

Patrick Le Bœuf to provide draft scope notes for F50, F51, F52, R63 and R64, along with suggestions for better names and practical examples from the BnF's databases in MARC format and EAD.

Trond Aalberg to provide examples for performing arts as well.

Mika Nyman and **Richard Smiraglia** to draft a proposal about the scope of F53 Recording Work (should cover taking photographs of museum objects as well).

Patrick Le Bœuf to redraft the scope note for *R11 is composed of (forms part of)* in order to make it clear that we distinguish between *component* relationship and *inclusion*.

Allen Renear to draft by the end of November an **initial** intended scope for approval of FRBRoo.

Martin Doerr to draft a current practical scope for FRBRoo.

Pat Riva and **Patrick Le Bœuf** to draft an extended scope for FRBRoo.

Trond Aalberg to draft the placement of the semantics of the attributes as part of a set of recommendations.

Martin Doerr to draft a text of definitions of the entities in FRBR as part of a set of recommendations.

Richard Smiraglia to give the IFLA FRSAR Working Group a tutorial on CIDOC CRM and aboutness relationships at one point during their meeting in December 8-15.

Trond Aalberg to examine what in FRAD can be mapped trivially to FRBRoo and what deserves discussion in our next meeting.

Maja Žumer and **Pat Riva** to compare scope notes between CIDOC CRM, FRBRoo, and FRAD.

Martin Doerr and **Patrick Le Bœuf** to provide graphics of FRBRoo in function groups.

Patrick Le Bœuf to organise our next meeting in Paris on March 14-16, 2007.

