Producing and navigating in FRBR space

or:

FRBR: a catalog odyssey

Patrick Le Bœuf, Bibliothèque nationale de France
FRBR Seminar, Stavanger, 26 April 2002
I. Catalog production

- FRBR = no data structure as such
- No consensual implementation scheme, no globally accepted guidelines at the moment

=> Too early for a prototype?
• … And yet there currently are experimentations
  • AustLit Gateway is the most achieved one
  • But it deals with a homogeneous body of texts
  • and it is not much concerned with the item level

• … And yet it's never too early to dream...
So, let's have a dream...

- My own personal choices:
  - One level entity = one record
    - (in order to make them as re-usable as possible)
  - Several works without a collective title = no distinct work
    - (but I may change my mind over time)
For lack of time, we'll only focus on title information elements
Let's begin with a manifestation record

Enter title proper:

The wild duck ¶ Rosmersholm ¶ The league of youth

intentionally no ISBD punctuation: just the Word symbol for "new line"
intentionally no will to attempt at semantic structuration of title segments: the manifestation has the whole string as title

Is this title similar to the original work title?

Yes  No

Then the system will copy this title at the content level

Then the system will leave us free to create distinct work titles
Let's carry on with "content" records

- If they already exist in the catalog, we can just make a link to them
- otherwise, let's create them:
Enter title as on manifestation:

The wild duck

Enter language: English

Enter date: • same as of edition • different:

Is this title the original work title?

• Yes

Then we may stop here (or create a richer work record)

• No

Then the system will allow us to enter the original work title
The cataloguer is seamlessly induced to create a work record:

Enter original work title:

Vildanden

- Then the system is able to automatically construct a uniform title:
  - Vildanden. English. 1931
- to display it in any format:
  - [Vildanden (English; 1931)]
  - Vildanden (English)
- and to sort a hit list by uniform title either of work or of expression
Does it sound like a dream or like a nightmare?
II. Navigation

- Following slides were already presented last year at the ELAG Conference in Prague
- They contain:
  - suggestions for query screens
  - suggestions for navigation graphs from Person entity
• A comment from Federica Rossi:

"At first sight, further developments seem to be necessary in order to make searching more intuitive for end users, who most probably won't ever have heard of the FRBR model"


• She's right. We could have an OPAC for professionals and a simpler OPAC for our patrons
Person or Corporate Body

- Person only
- Corporate Body only

Type of responsibility:

(and, or, and not)
<table>
<thead>
<tr>
<th>Person or Corporate Body</th>
<th>(and, or, and not)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of responsibility:</td>
<td>(and, or, and not)</td>
</tr>
<tr>
<td>Work</td>
<td>(and, or, and not)</td>
</tr>
</tbody>
</table>
Person or Corporate Body

Type of responsibility:

Work
- Monograph only
- Periodical only
- Series only
- Expression
- Performance
- Manifestation
<table>
<thead>
<tr>
<th>Person or Corporate Body</th>
<th>▼</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work</td>
<td>▼</td>
</tr>
<tr>
<td>Object</td>
<td>▼</td>
</tr>
</tbody>
</table>

**Type of responsibility:**

(and, or, and not)

**Phrase:**

**Word:**

(and, or, and not)

(and, or, and not)

(and, or, and not)
<table>
<thead>
<tr>
<th>Person or Corporate Body</th>
<th>(and, or, and not)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work</td>
<td>(and, or, and not)</td>
</tr>
<tr>
<td>Object</td>
<td>(and, or, and not)</td>
</tr>
<tr>
<td>Concept</td>
<td>(and, or, and not)</td>
</tr>
<tr>
<td>Date of manifestation</td>
<td>(and, or, and not)</td>
</tr>
<tr>
<td>Place of manifestation</td>
<td>(and, or, and not)</td>
</tr>
<tr>
<td>Language of expression</td>
<td>(and, or, and not)</td>
</tr>
<tr>
<td>Person or Corporate Body</td>
<td>(\text{Type of responsibility:})</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>Work</td>
<td>(\text{(and, or, and not)})</td>
</tr>
<tr>
<td>Object</td>
<td>(\text{(and, or, and not)})</td>
</tr>
<tr>
<td>Concept</td>
<td>(\text{(and, or, and not)})</td>
</tr>
<tr>
<td>Date of manifestation</td>
<td>(\text{(and, or, and not)})</td>
</tr>
<tr>
<td>Place of manifestation</td>
<td>(\text{(and, or, and not)})</td>
</tr>
<tr>
<td>Language of expression</td>
<td>(\text{(and, or, and not)})</td>
</tr>
<tr>
<td>Language of performance</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Person or Corporate Body</td>
<td></td>
</tr>
<tr>
<td>Work</td>
<td></td>
</tr>
<tr>
<td>Object</td>
<td></td>
</tr>
<tr>
<td>Concept</td>
<td></td>
</tr>
<tr>
<td>Date of manifestation</td>
<td></td>
</tr>
<tr>
<td>Place of manifestation</td>
<td></td>
</tr>
<tr>
<td>Language of expression</td>
<td></td>
</tr>
<tr>
<td>Mathematical data</td>
<td></td>
</tr>
</tbody>
</table>
Conclusions (?)

- Since last year I've not had time to think of other navigation graphs (from Work, Corporate Body, etc.)

- These navigation graphs would be valid only in those cases when an end user asks searches only one criterion: cross searches require other types of graphs
Tusen takk!