

FRBR – Nice to meet you !?

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FeuRBeR ?

- FRBR
 - = Functional Requirements for Bibliographic Records
- Concept (IFLA, 1998)
 - Requirements for bibliographic records
 - Focus on end user tasks
 - Search and find
 - Identify and select
 - Obtain
- Global context
 - Minimize workload in cataloguing process
 - Guarantee efficient and high quality information storage and retrieval
 - Improve WebOPAC-display



FRBR yes – FRBR no

- Yes
 - Theoretical, semantic model
 - what are bibliographical elements ?
 - structure for bibliographical elements
- No
 - Data format
 - Bibliographic standard (cf. ISBD, AACR2)
 - Registration and exchange format (cf. MARC21)

Entity-relationship model

- **Entities**
 - Attributes
 - Relations
- A web-based catalogue

FRBR-entities

- Group 1 (fundament)
 - Work
 - Expression
 - Manifestation
 - Item
- Group 2
 - Persons
 - Corporate bodies
- Group 3
 - Concept, Object, Event, Place

FRBR-entities (groupe 1)

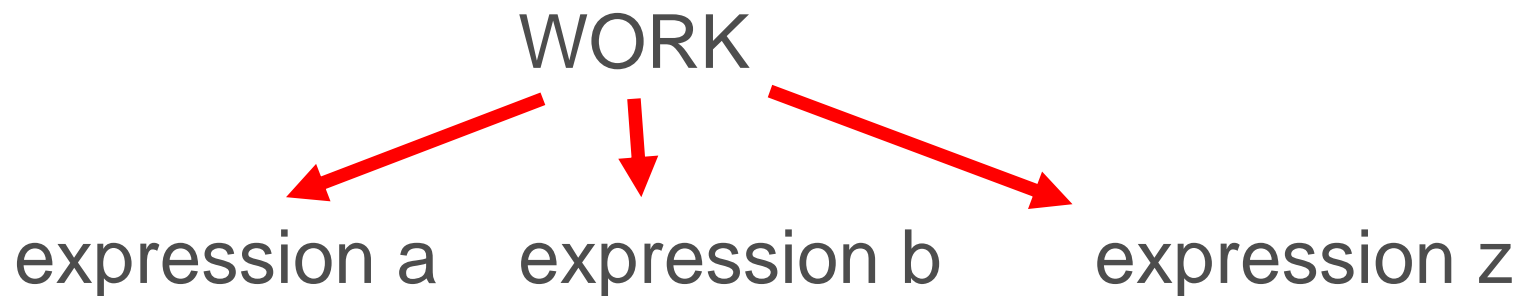
- Flat records → Multi level records
- Minimize redundancy and inconsistencies
- Principle of collocation (= Work)
- Transparency (based on structure)
- Multi-levelled display

FRBR attributes → WORK

- Titel: uniform or normalised title
- Date: when the work was created
- Form: bibliographic category
- Authors: creator(s) of the work
(intellectual and artistic)
- Subjects
- Classifications
- Links to other, external sources concerning the work

FRBR attributes → WORK

- Work = created ONCE
- Work = unique place in the catalogue
- Work patrons all expressions

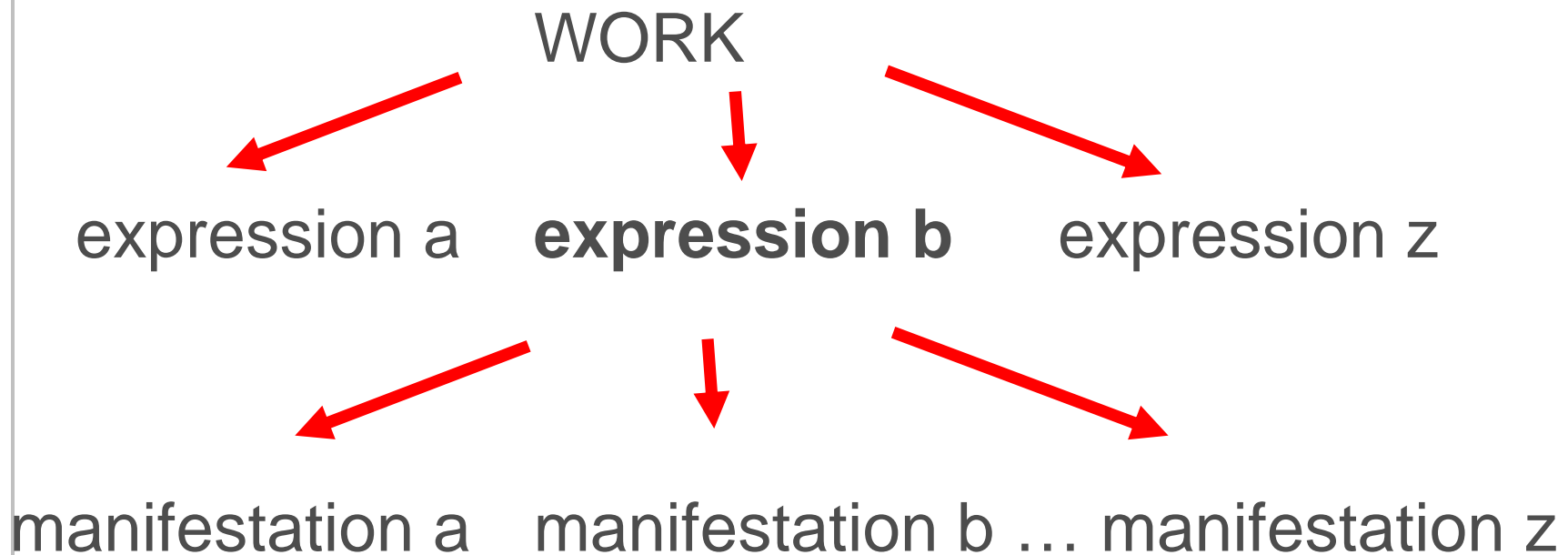


FRBR attributes → EXPRESSION

- Form: MARC21 recordtypes
(language material, printed music, projected medium, sound recording...)
- Language: of the realisation
- Performers: persons, corporate bodies responsible for the performance/realisation of a work

FRBR attributes → EXPRESSION

- Expression patrons all its productions (manifestations)



FRBR attributes → MANIFESTATION

- Standard numbers (ISBN,...)
 - Proper title
 - Terms of responsibility
 - Varying forms of title
 - Series titles
 - Edition
 - Bibliographic address
 - Physical details
- The bibliographic record as we know it
- A manifestation patronizes all its items

FRBR attributes → ITEMS

- Acquisition source
- Location
- Physical details
- ...

→ The item record as we know it

Example

- The four seasons by Antonio Vivaldi
 - Work (1)
 - Expressions (3)
 - Manifestations (1)
 - Items

Example (Work level)

- Work-record
- UTI: Cimento dell'armonia e dell'inventione
- DAT: 1725
- VTI: The Four Seasons
- CMP: Vivaldi, Antonio (1678-1741)
 - REL: Links to sources related to the person
- NOT: Information about the work
- SUB: Subjects
- REL: Links to sources related to the work

Example (Expression level)

- Expression-record 1
 - Score
 - Link to 'Work'
- Expression-record 2
 - Sound recording
 - Performed by:
 - Rolf Reinhardt, conductor
 - Reinhold Barchet, violin
 - Promusica orchestra
 - Link to work
- Expression-record 3
 - Sound recording
 - Performed by
 - Janos Rolla
 - Liszt Ferenc Chamber Orchestra, Budapest
 - Péter Pongracz, oboe
 - Link to work

Example (Manifestation)

TIT: Il cimento dell'armonia e dell'invezione: op.
8 (complete)

PUB: New York : VOX, 1962

DES: 3 sound discs: analog, 33 1/3 rpm

SRS: Vox encyclopedia of music

NOT: Concertos for violin and string orchestra
First released in 1955

CON: No. 1 in E major (11:01)
No. 2 in E major (10:40)
No. 3 in E major (12:59)
No. 4 in E major (10:22)
...

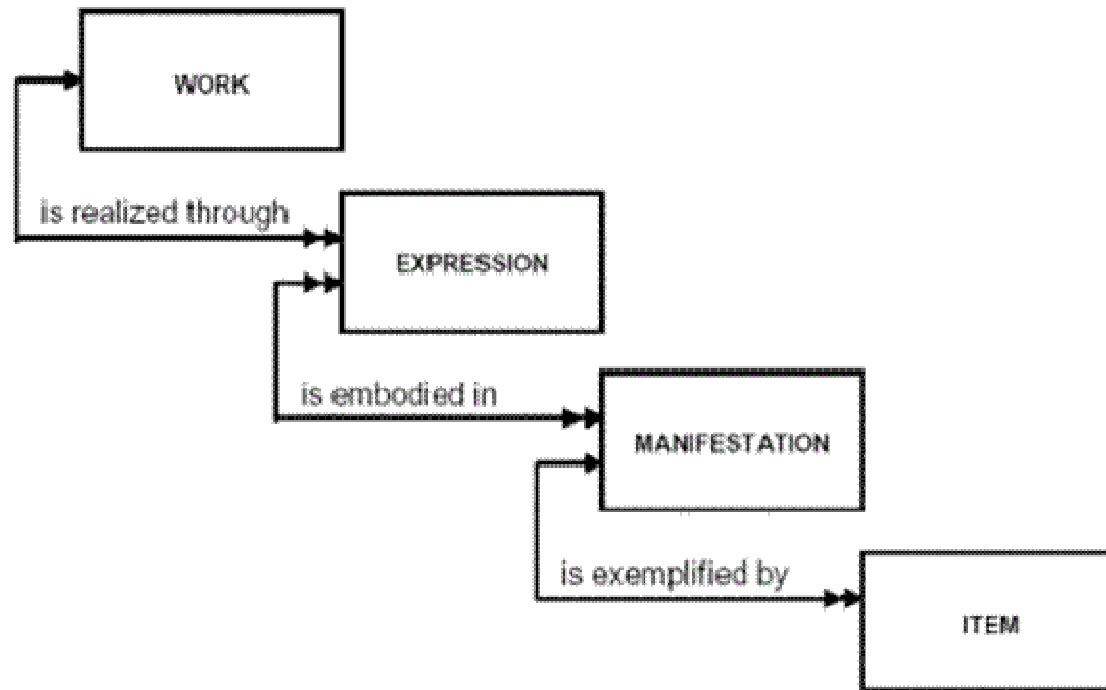
LNK: link to expression 2

Entity-relationship model

- Entities
 - Attributes
 - **Relations**
- A web-based catalogue

FRBR-relations (groupe 1)

Figure 3.1: Group 1 Entities and Primary Relationships



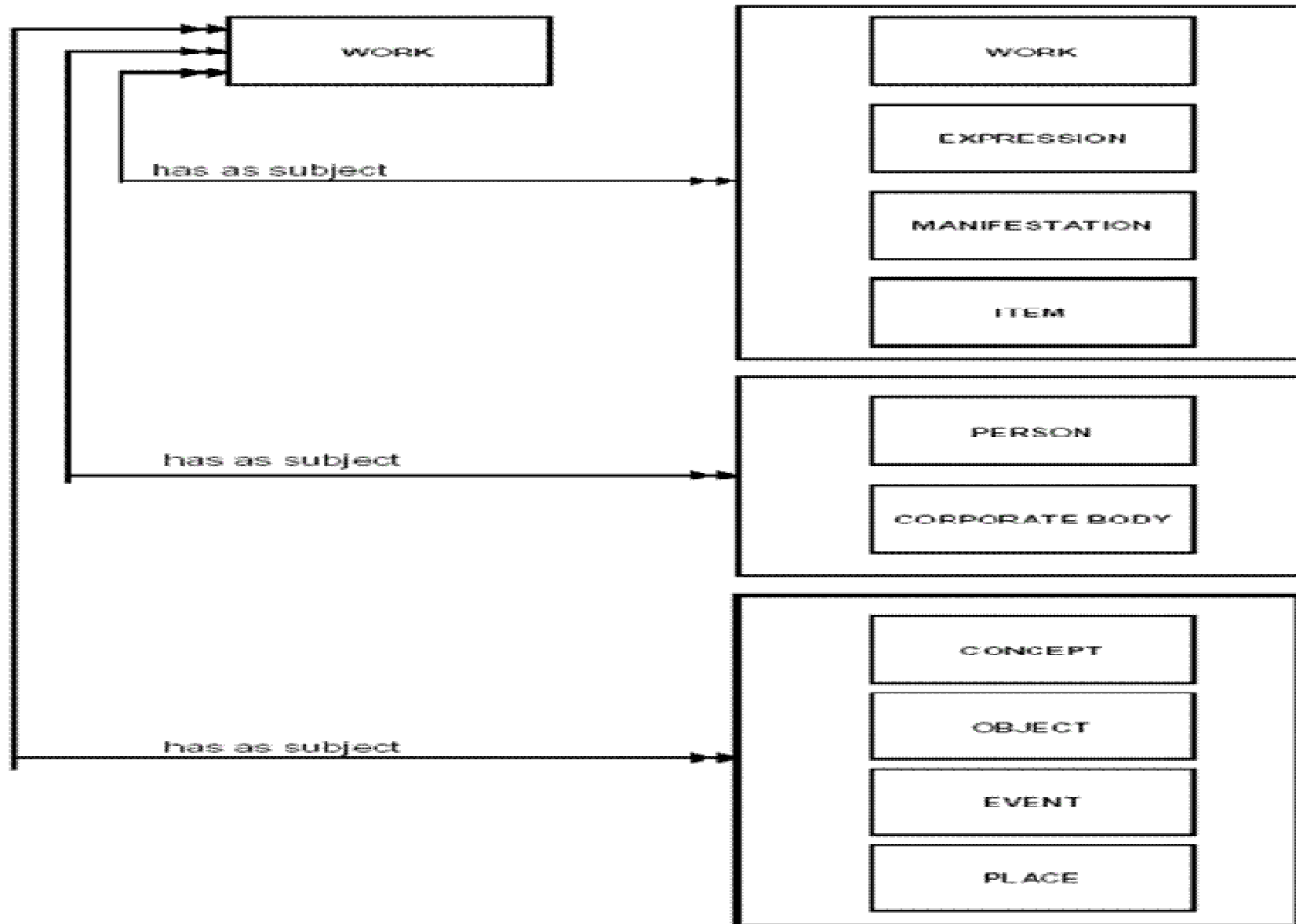
FRBR-relations (groupe 2)

- Groupe 2
 - Person
 - Corporate body
- Context
 - Created
 - Realized
 - Produced
 - Owned

FRBR-relations (groupe 3)

- Groupe 3
 - All entities of Groupe 1
 - All entities of Groupe 2
 - All entities of Groupe 3
- Context
 - Subject

Figure 3.3: Group 3 Entities and “Subject” Relationships



FRBR-relations (an amount of possibilities)

- Work $\leftarrow \rightarrow$ work
- Werk as a whole $\leftarrow \rightarrow$ Part of a work
- Expression $\leftarrow \rightarrow$ expression
- Exp. as a whole $\leftarrow \rightarrow$ part of expression
- Expression $\leftarrow \rightarrow$ work
- Manifestation $\leftarrow \rightarrow$ manifestation
- Man. as a whole $\leftarrow \rightarrow$ part of manifestation
- Manifestation $\leftarrow \rightarrow$ item
- Item $\leftarrow \rightarrow$ item
- ...

Consequences FRBR implementation

- Cataloguing workflow
- Cataloguing rules
- Bibliographic standards
- Registration and exchange standards
- Functionalities ILS
(catalogue and WebOPAC module)

Context FRBR-implementation

- NO: FRBR or flat record catalogue
- YES: FRBR and flat record catalogue
- FRBR can be a solution in particular for:
 - Original work and translations
 - Multi-editions
 - Various realisations of one Work
 - Various “carriers” for the same realisation (annex work)
 - Classical music catalogue

Context FRBR-implementation

- Further investigation on
 - Multivolumes
 - Serials
 - E-sources
- FRBR as a katalysator
 - To question actual bibliographic standards
 - Towards an “open” cataloguing code
 - No rigid rules
 - Not what
 - But how (standardisation)
 - Generic structure
 - Embedded in international exchange formats

Conditions FRBR implementation

- Co-existence of FRBR- and flat records within one interface
- Tools to FRBRise existing flat records
- Tools to deFRBRise records
 - Within the catalogue
 - To export records

RDA: FRBR from concept to practice ?

- RDA = Record Description and Access
- New standard (still in development)
- Will replace AACR2 (fundamental changes)
 - Content standard
 - From rigid set of rules to theoretically based guidelines
 - User-centered focus
 - no records in isolation (cataloguer view)
 - seeking records within context of a large database/catalogue
 - Encourages the use of relations