MARC 21, RDA, and the FRBR and FRAD models

... making the connections
RDA element set

- Designed to be compatible with MARC 21
  - Assumption: most libraries creating RDA data are currently using an ILS that imports/exports data in MARC 21

- Aligned with FRBR and FRAD models
  - Assumption: libraries will begin migrating to a new generation of systems using reflecting entity-relationship models
RDA positioned to mediate between MARC 21 and FRBR/FRAD models

- RDA data can be exported/imported in MARC 21 format
- Can be stored in databases mirroring the MARC 21 record structure
- Can be stored in databases mirroring the FRBR/FRAD entity-relationship models
- Adaptable to future changes in MARC 21 that are aligned with FRBR/FRAD
- Also adaptable to import/export in other encoding schema aligned with FRBR/FRAD
RDA data stored in a database mirroring the MARC 21 structure

- Bibliographic record
- Holdings record (linked to bibliographic record)
- Authority records (linked to access point fields in bibliographic record)
Attributes of manifestation
- Title proper (245 $a)
- Statement of responsibility relating to title proper (245 $c)
- Designation of edition (250 $a)
- [etc.]

Attributes of work
- Preferred title for the work (240 $a)
- Nature of the content (500 $a)

Attributes of expression
- Language of expression (240 $l)

Relationships represented as main and added entry access points
- Work embodied in manifestation represented by main entry access point (100) + uniform title (240)
- Persons associated with the work and expression represented by main and added entry access points (100/700)
- Related work represented by added entry access point (730)
- Access points linked to authority records for related entities
Attributes identifying works/expressions stored as a pre-coordinated access points
• Authorized heading (100) combines attributes of person associated with the work ($a, $d) with an attribute of the work itself ($t) and an attribute of the expression ($l)
• See also tracing (530) identifies related work (with link to related authority record)

Separate authority records for persons associated with the work/expression
• No direct link to record for person identified in authorized heading for the work (100 $a, $d)
• No data in name-title authority record identifying other persons associated with work or expression (collaborator, contributor, etc.)
Attributes identifying persons stored as a pre-coordinated access points

- Authorized heading (100) combines preferred name for the person ($a) with title of the person ($c)
- See also tracing identifies related person (with link to related authority record)
RDA data stored in a database mirroring the FRBR/FRAD structure

- Manifestation record
- Item record
- Work record
- Expression record
- Registration records (person, family, corporate body, etc.)
- Primary relationships between work, expression, manifestation, and item represented by links between records
- Relationships between entities represented by links between records
Attributes of manifestation

- Title proper (245 $a)
- Variant title (740 $a)
- Statement of responsibility relating to title proper (245 $c)
- Designation of edition (250)
- [etc.]
- All elements derived from MARC 21 bibliographic record
- Stored in logical groupings paralleling FRBR model

Primary relationship

- Relationship to work embodied in manifestation represented by link to work record
- Relationship to expression embodied in manifestation represented by link to expression record
Attributes of work

- Preferred title for the work (100 $t)
- Nature of the content (500 $a)
- Elements derived from MARC 21 authority record (100 $t) as well as from bibliographic record (500 $a)

Primary relationship

- Relationship to expression of work represented by link to expression record

Related entities

- Elements derived from MARC 21 authority record (100/530 $0) as well as from bibliographic record (700 $0)
- Relationship to persons associated with the work represented by links to related records (100/700 $0) with relationship designators (100/700 $e)
- Relationship to related work represented by link to related record (530 $0)
- Relationship to related work(530) could be enhanced with addition of RDA relationship designator
Attributes of expression

- Language of expression (100 $l$)
- Elements derived from MARC 21 authority record (100 $l$)
- Could also include elements derived from MARC 21 bibliographic record (e.g., performer, narrator, and/or presenter)

Related entities

- Elements derived from MARC 21 bibliographic record (700)
- Relationship to person associated with the expression represented by link to related record (700 $0$) with relationship designator (700 $e$)
### Attributes of person
- Preferred name for the person (100 $a)
- Variant name for the person (400 $a)
- Date of birth (100 $d)
- Elements derived from MARC 21 authority record (100 $a, $d, 400 $a)
- Stored in logical groupings paralleling FRAD model

### Related entities
- Elements derived from MARC 21 authority record (500)
- Relationship to related person represented by link to related record (500 $0)
- Relationship to related person (500) could be enhanced with addition of RDA relationship designator