

# Instantiating LRM in RDA

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FEB. 9, 2018

# 3R Project: RDA Toolkit Restructure & Redesign

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- New version of the RDA Toolkit coming: June 2018
- Goals include:
  - Implement new LRM entities
  - Improve the interface and address long-standing problems
  - Generalize the instructions where possible
  - Offer more flexibility in choosing how to record a piece of information
- Will provide equal treatment of each entity
  - No longer an explicit preference for WEMI

# New LRM Entities and Attributes in RDA

# New LRM Entities Coming to RDA

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- *Agent*
    - One or more real human beings: able to create, publish, own, etc.
    - Superclass of *Collective agent* and *Person*
  - *Collective agent*
    - Must have a name and be capable of acting like a unit
  - *Nomen*
    - A label or name for an entity (which is associated with entity itself)
  - *Place*
  - *Timespan*
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- Implementing *RDA entity* instead of *Res*
    - A subclass of *Res*, and a superclass of all other RDA entities

# *Nomen*

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- A combination of signs or symbols that refers to an entity
- Identical strings can refer to different entities
  - John Adams [U.S. President]
  - John Adams [Confederate brigadier general]
  - John Adams [composer]
- One *Person* can have multiple *Nomen*
  - Some for different personas, and some just variants
- May consist of components or parts, governed by instructions
  - Personal name AAPs with dates, Name/title AAPs for works, etc.
- Names in direct order, access points, and identifiers are all types of *Nomen*
  - But for linked data, the IRI is not a *Nomen* – it's the value of the *Nomen*

# *Category* and *Note* attributes

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- Established for *Res* in LRM (and will be for *RDA entity* in RDA)
  - Both can be sub-typed to apply to any entity
  - *Category*
    - Enables LRM implementations to create useful subclasses for any entities
    - Some entity-specific sub-types of the general *category* attribute are declared in LRM
    - Will be declared in RDA as appropriate
  - *Note*
    - Associates information relating to an entity with that entity
    - Widely available in RDA already

# *Manifestation statement*

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- A statement transcribed from the *Manifestation*, deemed to be significant for users to understand how the resource represents itself
  - A more literal transcription than what we're currently doing in RDA – includes capitalization, punctuation, and spacing
  - Fulfills the “identify” user task
  - Thirteen sub-types
  - Supports machine transcription derived from digitized and born-digital manifestations

# *Representative expression*

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- Certain characteristics inherent in a *Work* that best represent the intention of the creator(s)
  - Language
  - Medium of performance
  - Key
  - Intended audience
- Instance(s) of each can be identified as a *Work* attribute
  - Tolstoy's *War and peace*: Language = Russian, French
  - Haydn's *Gypsy Trio*:
    - Medium of performance = piano, violin, cello
    - Key = G major

Changes from FRBR to LRM

# Separation of real vs. fictional entities

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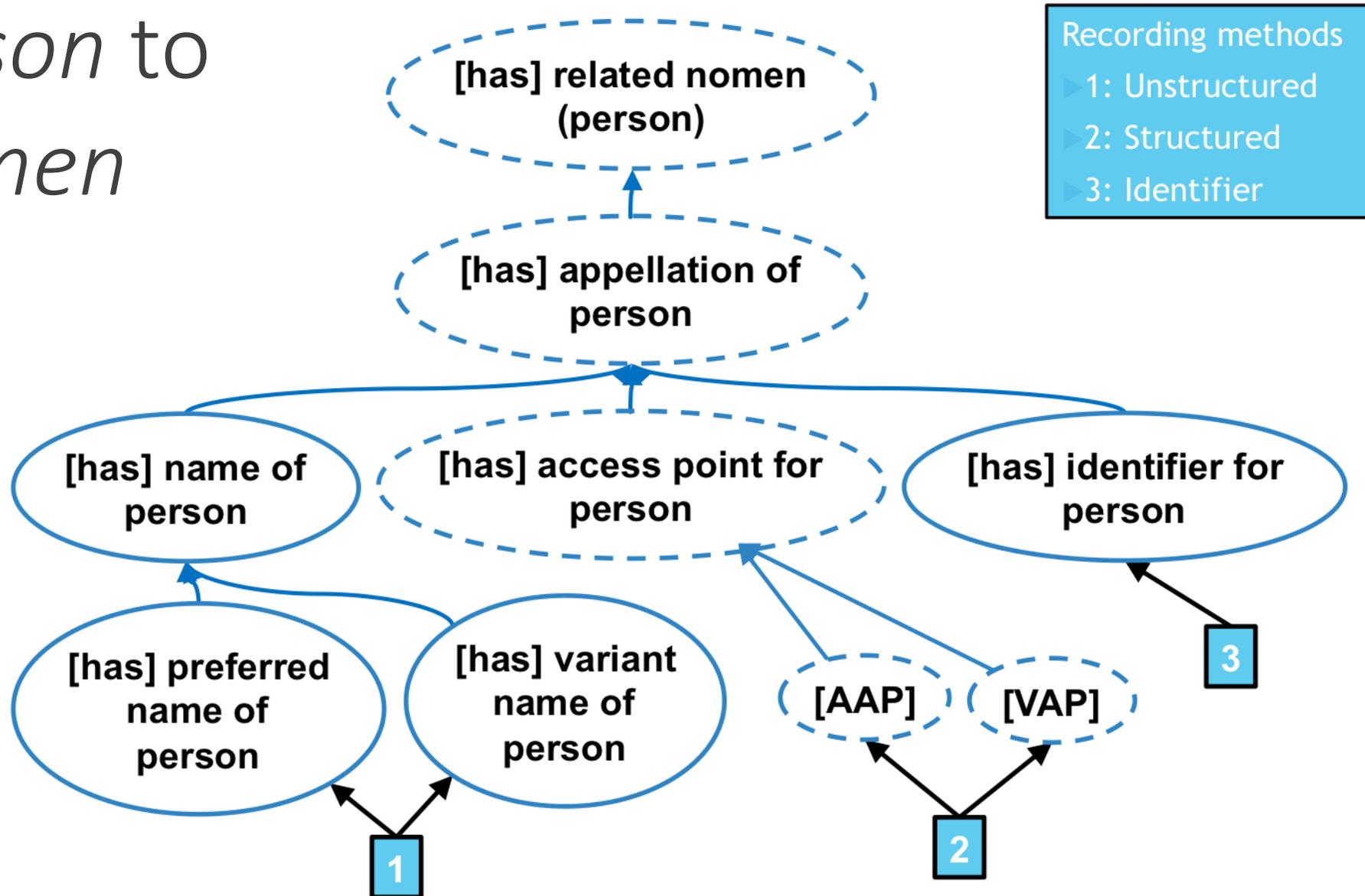
- *Person* = real person who lives or is assumed to have lived
  - Change from FRAD, and from what's currently in RDA
- *Place* = extent of space that is contemporary or historical, on Earth or extra-terrestrial
- *Time-span* = period of time with a duration, which can be short and precise, or lengthy and vague
- Fictional persons, places, and time-spans are valid concepts, but they aren't occurrences of these entities
  - In LRM, these concepts are instances of *Res*
  - In RDA, they will be recorded only as *Nomens* or *Manifestation statements* (Detailed treatment of subjects is out of scope for RDA)

# Relationships preferred over attributes

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- Replaced attributes for *Place* and *Time-span* with relationships
  - Date of conference [*Time-span* to *Collective agent*]
  - Coordinates (Cartographic work) [*Place* to *Work*]
  - Address [*Place* to *Person*]
- Appellation relationship links a subclass of the *Nomen* entity to any other entity
  - *Manifestation* identifier
  - Title of the *expression*
  - Name of *person*

# Person to Nomen



# Aggregating Work vs. Whole/Part Work

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- A plan for bringing together distinct *Expressions* into one or more *Manifestations* – **not** the contents
  - Relationships hold true only for a single aggregating work
  - The creator is the *Agent* who devised the plan
  - For a completed work, generally ignore the plan – just catalog the results
  - For a yet-to-be-complete work, aspects of the plan inform the description
    - Frequency, language, carrier type, etc.
- Relationship between at least two *Works*, where the part is integral to the whole
  - Holds true for all *Expressions* and *Manifestations* of those works (whole and/or part)
  - The creator is the *Agent* who generated the content
  - Examples
    - Movements of concertos
    - Poems within poetry cycles
    - Multipart novels

# New model for serials

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- Serial work = sequentially issued sequence of aggregate manifestations
  - The plan for the aggregating work, not the results
  - Combination of both aggregate and whole/part works
    - Each issue is an aggregate of articles
    - Each issue has a whole/part relationship to the serial work
- Regard *any* serial as a distinct instance of the *Work* entity (WEM lock)
  - Each serial work has only one expression and one manifestation, including:
    - Regional “editions”
    - Translations
    - Different formats (e.g., print vs. electronic)

# Some attributes moved in model

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- Key (from *Work* to *Expression*)
- Medium of performance (from *Work* to *Expression*)
- Intended audience (from *Work* to *Expression*)
- Will lead to increased usage of the new *Representative expression* attribute

RDA changes beyond LRM

# RDA Expanding on LRM

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- Will refine some entities
  - Keeping *Corporate body* and *Family* while also introducing *Collective Agent*
- Will define and add additional attributes as needed
  - Following LRM practices: an attribute defined for a superclass is automatically applied to the subclass
- Implementing different recording methods (AKA “the four-fold path”)
  - Up to four different ways to record a piece of data
    - Unstructured description
    - Structured description
    - Identifier
    - IRI/URI

# Recording methods

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- Entity chapters will present up to four different recording methods for capturing data
- Can use more than one
  - Unstructured description [Statement of Responsibility on Manifestation]  
[IFLA-ina Studijska skupina za uvjete za funkcionalnost bibliografskih zapisa](#)
  - Structured description [LC/NACO Name Authority File]  
[IFLA Study Group on the Functional Requirements for Bibliographic Records](#)
  - Identifier [VIAF]  
[148620313](#)
  - IRI [id.loc.gov]  
<http://id.loc.gov/rwo/agents/nr98013265>

# Associating User Tasks with RDA Entities

- Based on the instructions, not on the recording methods

--SAMPLE--

## Media Type

### Definition

**media type:** A categorization reflecting the general type of intermediation device required to view, play, run, etc., the content of a manifestation.

Element Reference

### Recording

Record a **media type** if considered important to identify and select.

#### Recording an unstructured description

Record a normalized or other transcription, or an uncontrolled term or terms if none of the terms in a vocabulary encoding scheme is appropriate or sufficiently specific.

#### Recording a structured description

Record a term from the following RDA vocabulary encoding scheme:

audio

computer [etc.]

#### Recording an identifier

Record an identifier or notation from an appropriate vocabulary encoding scheme. Specify the source by recording **Provenance**. →

#### Recording an IRI

For general guidance on recording an IRI, see the general chapter **4-fold path: IRI**.

# Diachronic Works

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- Planned to be embodied over time
  - Includes works with and without a planned end
- *Work* content changes over time
  - Revision / replacement – Single expression
    - May be done at regular intervals
  - Additions / accumulations – Successive expressions
    - Previous content retained
  - New categories to be created in RDA
    - Integrating monographic work
    - Sequential monographic work
    - Integrating continuing work
    - Serial work (sequential continuing work)

# More information – At this conference

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- RDA Forum
  - Saturday, starting at 10:30 am – Colorado Convention Center, Rm 601/603
- CC:DA meetings
  - Saturday, starting at 1:00 pm – Sheraton Denver Downtown, Plaza Ballroom F
  - Monday, starting at 8:30 am – same location
- PCC At Large / PCC Participants meeting
  - Sunday, starting at 3:00 pm – Colorado Convention Center Room 601/603
- RDA Linked Data Forum
  - Monday, starting at 1:00 pm – Colorado Convention Center, Room 303

# More information – Online

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- RDA Toolkit/3R Project website
  - <http://www.rdatoolkit.org/3Rproject>
- RDA Steering Committee – Presentations
  - <http://www.rda-rsc.org/rscpresentations>  
Includes recent presentations by various RSC members
- IFLA Library Reference Model
  - <https://www.ifla.org/files/assets/cataloguing/frbr-lrm/ifla-lrm-august-2017.pdf>
- Ask me:
  - [kglennan@umd.edu](mailto:kglennan@umd.edu)

# Questions?

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