

RDA: Where Are We Now with the New Rules?

WLA 2011, November 3

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Huggins, Steve Miller

RDA: Resource Description & Access

- Published summer 2010
- [Original] Goals: Simplify, principle-based
- Encourage use of RDA as content standard outside the MARC/AACR world
 - RDA could be the content standard for a record using Dublin Core
- Catalog *Content*, rather than *Carrier*
- Align with FRBR; since 2007 organized according to FRBR
- DECONSTRUCT the catalog record

Where RDA is at now

- Tested by the “Big 3” –
 1. Library of Congress (LoC)
 2. National Agricultural Library (NAL)
 3. National Library of Medicine (NLM)
- and 29 testing partners Sept. - Dec. 2010
- June 2011 - Test coordinating committee issues *Lukewarm* implementation recommendation

“In the final analysis, the RDA Test Coordinating Committee recommended that the national libraries adopt RDA with certain conditions and that implementation will not occur before January 1, 2013.”

Reports

- [Executive Summary: Report and Recommendations of the U.S. RDA Test Coordinating Committee](#) (June 13, 2011)
[PDF, 174KB]
- [Response of the Library of Congress, the National Agricultural Library, and the National Library of Medicine to the U.S. RDA Test Coordinating Committee](#) (June 13, 2011)
[PDF, 47KB]

Conditions

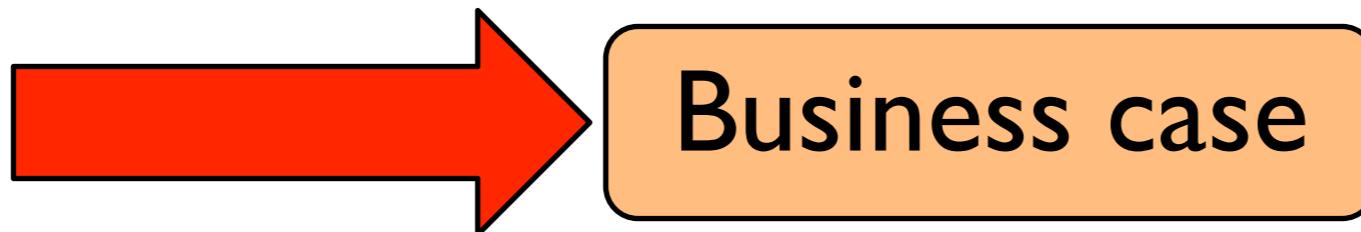
- Rewrite the RDA instructions in clear, unambiguous, plain English.
- Define process for updating RDA in the online environment.
- Improve functionality of the *RDA Toolkit*.
- Develop full RDA record examples in MARC and other encoding schemas.

Conditions

- Announce completion of the Registered RDA Element Sets and Vocabularies. Ensure the registry is well described and in synchronization with RDA rules. [metadataregistry.org]
- Demonstrate credible progress towards a replacement for MARC.
- Ensure and facilitate community involvement.

Conditions

- Lead and coordinate RDA training.
- Solicit demonstrations of prototype input and discovery systems that use the RDA element set (including relationships).

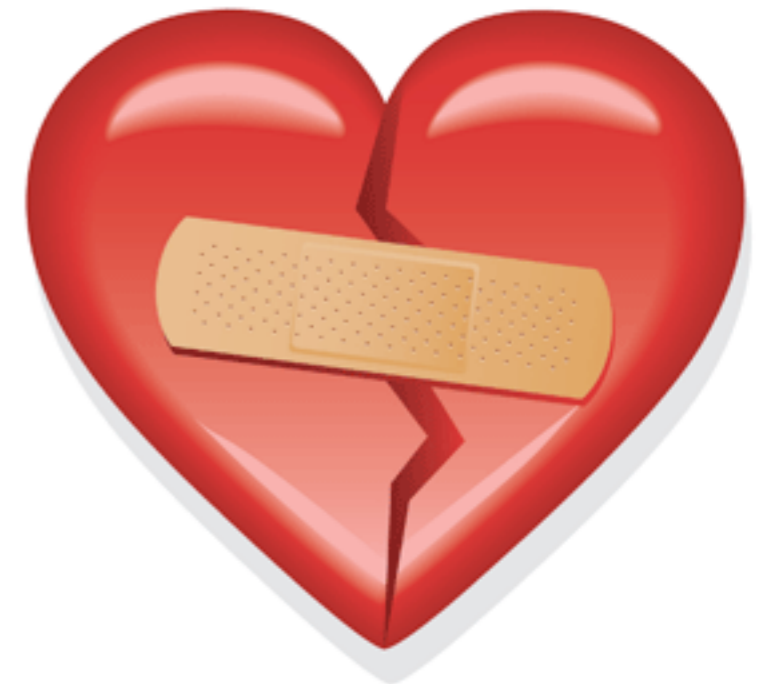


What hath RDA wrought?

- DIS-aggregated cataloging - Busts up the record, for the atomized information world
- [2007] Separate descriptions at the level of each FRBR entity
- Linked by identifiers to show relationships
- Different groups could maintain the dis-aggregated bits?
- Reduction in cataloging work load?
- → Linked Data

Implications of RDA

- First heard this 2009 “out-there” folks in Library Land – Diane Hillman, Jenifer Bowen, Eric Miller, some at LoC
- Distinguish between RDA the cataloging rules; tool for catalogers
- RDA – the new model for library data (linked data)
- Broader agreement after testing -
- MARC & RDA = not a happy match!



Halloween 2011

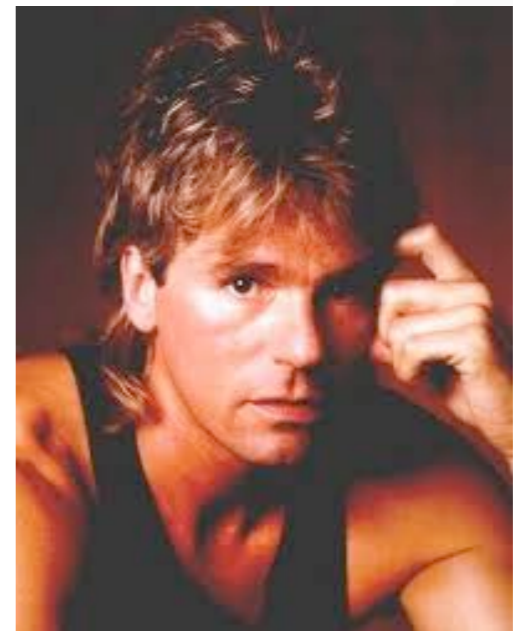


- LoC announces initial plan for its Bibliographic Framework Transition Initiative.

Jean Zanoni

RDA* in the Trenches (are catalogers galvanized?)

- *Recommended Daily Allowance
- *Richard Dean Anderson
- *Resource Discovery and Access



RDA preparation

- ‡ RDA Toolkit: Access during free trial
→ subscription
- ‡ Development blog, Toolkit essentials bimonthly webinar, virtual user group
- ‡ Webinars, workshops
- ‡ Online RDA courses (College of Lake County LTA program)

RDA preparation

- ‡ Participating in RDA testing and training
- ‡ RDA preconferences at ALA
- ‡ Monitoring RDA-L list
- ‡ RDA Café on Facebook
- ‡ In-house discussions

Reactions

- ‡ Positive: no abbreviations or Latin, no “Rule of 3”, fewer exceptions
- ‡ Negative: Missing the GMD, 336-338 terms confusing to users, no abbreviations, more local editing?
- ‡ Impact on local operations: workflow, productivity

Reactions

- ‡ Unknown: What is it? What will it look like? What are the ILS vendors doing about it?
- ‡ Great potential, but little short term benefit
- ‡ Need for new systems to support linked data
- ‡ Need to move away from MARC

In the interim

- ‡ Use FRBR-speak
- ‡ RDA records in OCLC = staff awareness and increased familiarity with RDA changes
 - ‡ Importing RDA bibliographic and authority records from OCLC without editing

In the interim

- ‡ Continuing to create original records in AACR2 except for records derived from an RDA record
- ‡ Not displaying 336, 337 and 338 fields in OPAC

Implementation Considerations

- ‡ Costs of implementation:
 - ‡ RDA toolkit
 - ‡ Training – different modes
 - ‡ Productivity (short term - learning curve, long term – greater efficiency)
 - ‡ Local documentation
 - ‡ System modifications

Implementation Considerations

- ‡ Library-wide involvement:
Catalogers, Acquisitions staff, IT,
Public Services
- ‡ Focus on implementation, not
debating merits of RDA
- ‡ Start with concrete, move to abstract

Implementation Considerations

- ‡ Use of workflows in Toolkit, good way to introduce staff to RDA – only focusing on necessary elements
- ‡ Documented procedures including examples, integrate local policies into Toolkit workflows
- ‡ Determine how to deal with AACR2 records and RDA records in same workflow

Still I can not help thinking that the golden age of cataloging is over, and that the difficulties and discussions which have furnished an innocent pleasure to so many will interest them no more. Another lost art.”

Charles A. Cutter
Preface, 4th ed. Rules for a Dictionary
Catalog (1904)

January 2013

RDA =

Retirement Date Announced

Or

Really Darn Awesome

Vince Jenkins

Fields 336-338 in RDA
Records
for Multimedia Games

*RDA Controlled Vocabularies in
MARC 33X Fields*

336 Content type

337 Media type

338 Carrier type

336

- ‡a *content* type term (R) [RDA Content Terms](#)
- ‡b [code] (R) (?) MARC for RDA terms
- ‡2 rdacontent (NR) (?) MARC source code
- ‡3 materials specified (NR) free text—name the piece
- ‡8 linking field (R) *not yet impl. by* [OCLC](#)

337

‡a *media* type term

[RDA Media Terms](#)

‡b [code]

MARC for RDA terms

‡2 rdamedia

MARC source code

‡3 materials specified

‡8 linking field

338

‡a *carrier* type term

[RDA Carrier](#)

[Terms](#)

‡b [code]

MARC for RDA terms

‡2 rdacarrier

MARC source code

‡3 materials specified

‡8 linking field

<http://bit.ly/uXzoDZ>

SeaLife : DVD board game in MARC and according to RDA

RDA 3.1.4: (In MARC) use multiple 300 fields to record extent of resources consisting of more than one carrier type.

“game”: single carrier type, or multiple types?

RDA 3.4.6.3. allows--

300 ‡a 1 game (2 videodiscs (12 cm), 1 game board, 4 player tokens, 1 deck of cards, 12 counters, 1 rules book) ;
 ‡c in container 28 x 27 x 8 cm

Book 33x's (1 unmediated format)

245 Dealing with change

300 1,380 pages ; ‡c 18
cm

336 text ‡b
txt

337 [unmediated ‡b n]

338 volume ‡b nc

300__ †a 1 game (2 videodiscs, 1 game board, 4 player tokens, 1 deck of cards, 12 counters, 1 rules book) ;
†c in box 28 x 27 x 8 cm

33X Option 1

336	†a two-dimensional moving image	†b tdi
	†a still image	†b sti
	†a three-dimensional form	†b tdf
	†a text	†b txt
301	†a video	†b v
	†a unmediated	†b n
338	†a videodisc	†b vd
	†a object	†b nr
	†a card	†b no
	†a volume	†b nc

33X Option 2: Merged 336, etc. fields with #3; code for each piece

336	‡a two-dimensional moving image	‡b tdi	‡3 videodisc
	‡a still image	‡b sti	‡3 game board
	‡a three-dimensional form	‡b tdf	‡3 tokens
	‡a text	‡b txt	‡3 cards [counters, and/or rules?]
337	‡a video	‡b v	‡3 videodiscs
	‡a unmediated	‡b n	‡3 game board
	‡a unmediated	‡b n	‡3 tokens
	‡a unmediated	‡b n	‡3 cards [counters/ rules]
338	‡a videodisc	‡b vd	‡3 videodiscs
	‡a object		‡b nr ‡3 board
	‡a object		‡b nr ‡3 tokens
	‡a card	‡b no	‡3 cards [and/or counters?]
	‡a volume	‡b nc	‡3 rules book

33X Option 3: Separate 33X field for each format described in 300.

([MARC Formats](#))

336	‡a two-dimensional moving image	‡b tdi	‡2 rdacontent	‡3 videodiscs
336	‡a still image	‡b sti	‡2 rdacontent	‡3 game board
336	‡a tactile three-dimensional form	‡b tcf	‡2 rdacontent	‡3 tokens
336	‡a text	‡b txt	‡2 rdacontent	‡3 cards
336	‡a text	‡b txt	‡2 rdacontent	‡3 counters
336	‡a text	‡b txt	‡2 rdacontent	‡3 rules book
337	‡a video	‡b v	‡2 rdamedia	‡3 videodiscs
337	‡a unmediated	‡b n	‡2 rdamedia	‡3 game board
337	‡a unmediated	‡b n	‡2 rdamedia	‡3 tokens
337	‡a unmediated	‡b n	‡2 rdamedia	‡3 counters
337	‡a unmediated	‡b n	‡2 rdamedia	‡3 rules
338	‡a videodisc	‡b vd	‡2 rdacarrier	‡3 videodiscs
338	‡a object	‡b nr	‡2 rdacarrier	‡3 board
338	‡a object	‡b nr	‡2 rdacarrier	‡3 tokens
338	‡a card	‡b no	‡2 rdacarrier	‡3 cards
338	‡a card	‡b no	‡2 rdacarrier	‡3 counters
338	‡a volume	‡b nc	‡2 rdacarrier	‡3 rules

Value Lists for Codes and Controlled Vocabularies

<http://www.loc.gov/standards/valuelist/rdacontent.html> (and RDA 6.9, Table 6.1)

<http://www.loc.gov/standards/valuelist/rdamedia.html> (and RDA 3.2.1.3, Table 3.1)

<http://www.loc.gov/standards/valuelist/rdacarrier.html> (and RDA Ch. 3.3.1.3)

Elizabeth Huggins



**RDA Student Testing Group
University of Wisconsin-Madison
Fall 2010**

Testing Group

- Experience in cataloging but were not necessarily catalogers
- Created records in both RDA and AACR2
- Created records for a variety of types of resources: monographs, multi-volume monograph, series, websites, etc

Record Example

[OCLC](#) 673883073 No holdings in WRK - 23 other holdings; 47 other IRs

007 v #b f #d c #e v #f u #g u #h z #i u

040 OCLCQ #b eng #e rda #c GSLIS28 #d OCLCQ #d GSLIS

020 1419850571

020 9781419850578

037 This is BPA's RDA record for GSLIS28.

041 eng #a spa #j eng #j spa

079 ocn664731803

092 #b

049 MAIN

245 0 0 March of the penguins / #c [Warner Independent Pictures and National Geographic Feature Films present a Bonne Pioche production in association with Wild Bunch, executive producer Ilann Girard, produced by Yves Darondeau, Christophe Lioud, Emmanuel Priou, based upon the story by Luc Jacquet, based upon the screenplay by Luc Jacquet and Michel Fessler, directed by Luc Jacquet with the participation of Buena Vista Film Production (France) and Canal+, a co-production with APC in association with The French Polar Institute (IPEV), as told by Morgan Freeman].

260 Burbank, CA : #b Warner Bros. Entertainment, Inc. : #b Distributed by Warner Home Video, #c [2007], ©2007.

300 1 videodisc (80 min.) : #b sound, color ; #c 4 3/4 in.

336 two-dimensional moving image #2 rdacontent

337 video #2 rdamedia

338 videodisc #2 rdacarrier

500 Title from container.

500 Originally released as a motion picture in 2005.

500 Special features: Of penguins and men – National Geographic's crittercam: emperor penguins – classic Looney Tunes cartoon 8 ball bunny – theatrical trailer.

508 Music, Alex Wurman ; editor, Sabine Emiliani ; cinematography, Laurent Chalet, Jérôme Maison ; narration written, Jordan Roberts.

Results

- In general, we found RDA helpful for multimedia resources rather than monographs
- RDA was great for multimedia resources but there was trouble in trying to decide in what information went into which MARC field

After the Testing

- A group of the testing students went on to work with a cataloging class at UW-Madison
- We had the students in the catalog class create records of a variety of resources, including an e-book
- From the testing session, we focused on explaining FRBR, the new fields and the challenges of incorporating MARC

Steven J. Miller

Teaching RDA after the National Implementation Decisions

Steven J. Miller

UWM School of Information Studies

How to teach an RDA workshop?

- Now that we know the national libraries' implementation decisions about RDA & MARC
- My approach:
 1. Teach the conceptual models of FRBR and FRAD (2 units or weeks)
 2. Teach how to catalog in RDA on its own terms, in a table format, apart from MARC, using the RDA Toolkit (3 units or weeks)
 3. Show how to express resulting RDA data in MARC and as RDF/Linked Data (2 units or weeks)
[RDF: Resource Description Framework]

Catalog card model

PT9876.2 Larsson, Stieg, 1954-2004.
2 Män som hatar kvinnor. English
.A6933 The girl with the dragon tattoo / Stieg Larsson ;
M3613 translated from the Swedish by Reg Keeland. -- 1st
2009 Vintage Crime/Black Lizard ed. -- New York : Vintage
 Crime/Black Lizard, 2009.
 590, 10 p. ; 21 cm.
 The disappearance forty years ago of Harriet Vanger, a
 young scion of one of the wealthiest families in Sweden,
 gnaws at her octogenarian uncle, Henrik Vanger ...
 1. Missing persons -- Fiction. 2. Rich people -- Fiction.
 3. Corruption -- Fiction. 4. Journalists -- Fiction. 5.
 Computer hackers -- Fiction. 6. Stockholm (Sweden) --

ISBD and AACR2 models

The girl with the dragon tattoo / Stieg Larsson ; translated from the Swedish by Reg Keeland. -- 1st Vintage Crime/Black Lizard ed. -- New York : Vintage Crime/Black Lizard, 2009. -- 590, 10 p. ; 21 cm.

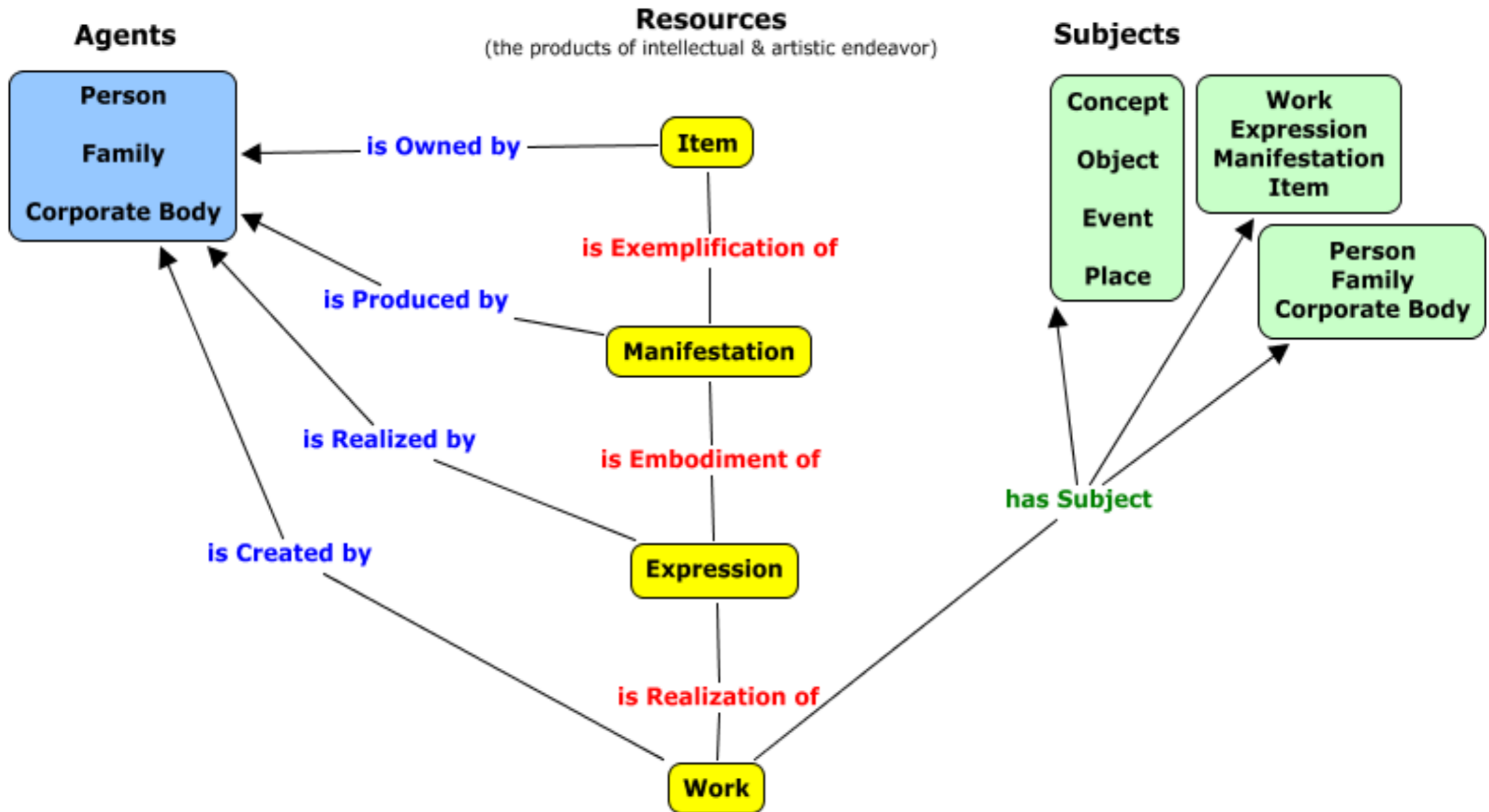
Organization of information / Arlene G. Taylor. -- 2nd ed. -- Westport, Conn. : Libraries Unlimited, 2004. -- xxvii, 417 p. : ill. ; 27 cm. -- (Library and information science text series) -- Includes bibliographical references (p. 385-405) and index.

Il Piacere della letteratura : prosa italiana dagli anni 70 a oggi / antologia, prefazione e note critiche di Angelo Guglielmi. -- 1a ed. -- Milano : Feltrinelli, 1981. -- 429 p. ; 23 cm. -- (Fatti e le idee ; 50)

MARC model (AACR2 / MARC bibliographic record)

```
Type a      ELvl      Srce      Audn      Ctrl      Lang      eng
BLvl m      Form      Conf 0     Biog      MRec      Ctry      nyu
          Cont      GPub      LitF 1     Indx 0
Desc a      Ills      Fest 0     DtSt s     Dates 2009,
010      2009291782
020      9780307454546 (pbk.)
041 1     eng $h swe
043      e-sw---
050 00     PT9876.22.A6933 $b M3613 2009
082 00     839.73/8 $2 22
100 1     Larsson, Stieg, $d 1954-2004.
240 10     Män som hatar kvinnor. $1 English
245 14     The girl with the dragon tattoo / $c Stieg Larsson ; translated from the Swedish
          by Reg Keeland.
250      1st Vintage Crime/Black Lizard ed.
260      New York : $b Vintage Crime/Black Lizard, $c 2009.
300      590, 10 p. ; $c 21 cm.
520      The disappearance forty years ago of Harriet Vanger, a young scion of one of the
          wealthiest families in Sweden, gnaws at her octogenarian uncle, Henrik Vanger. ...
650 0     Missing persons $v Fiction.
650 0     Rich people $v Fiction.
650 0     Corruption $v Fiction.
650 0     Journalists $v Fiction.
```

FRBR conceptual model: entities and general relationships



Steven J. Miller

RDA in database table format (1)

1. ATTRIBUTES OF ENTITIES

Manifestation Record

Element (Property)	Value
Identifying Manifestations	
Title proper (T)	THE GIRL WITH THE DRAGON TATTOO
Statement of responsibility relating to title proper (T)	Stieg Larsson translated from the Swedish by Reg Keeland
Designation of edition (T)	First Vintage Crime/Black Lizard edition
Date of production	
Place of publication (T)	New York
Publisher's name (T)	Vintage Crime/Black Lizard
Date of publication	2009
Copyright date	
Identifier for the manifestation	9780307454546
Describing Carriers	
Media type	unmediated
Carrier type	volume
Extent	590, 10 pages
Dimensions	21 cm

Work Record

Recording Attributes Of Works	
Preferred title for the work	Män som hatar kvinnor

Expression Record

Recording Attributes Of Expressions	
Content type	text
Describing Content	
Summarization of the content	The disappearance forty years ago of Harriet Vanger, a young scion of one of the wealthiest families in Sweden, gnaws at her octogenarian uncle, Henrik Vanger. ...
Language of the content	English

Steven J. Miller

RDA in database table format (2)

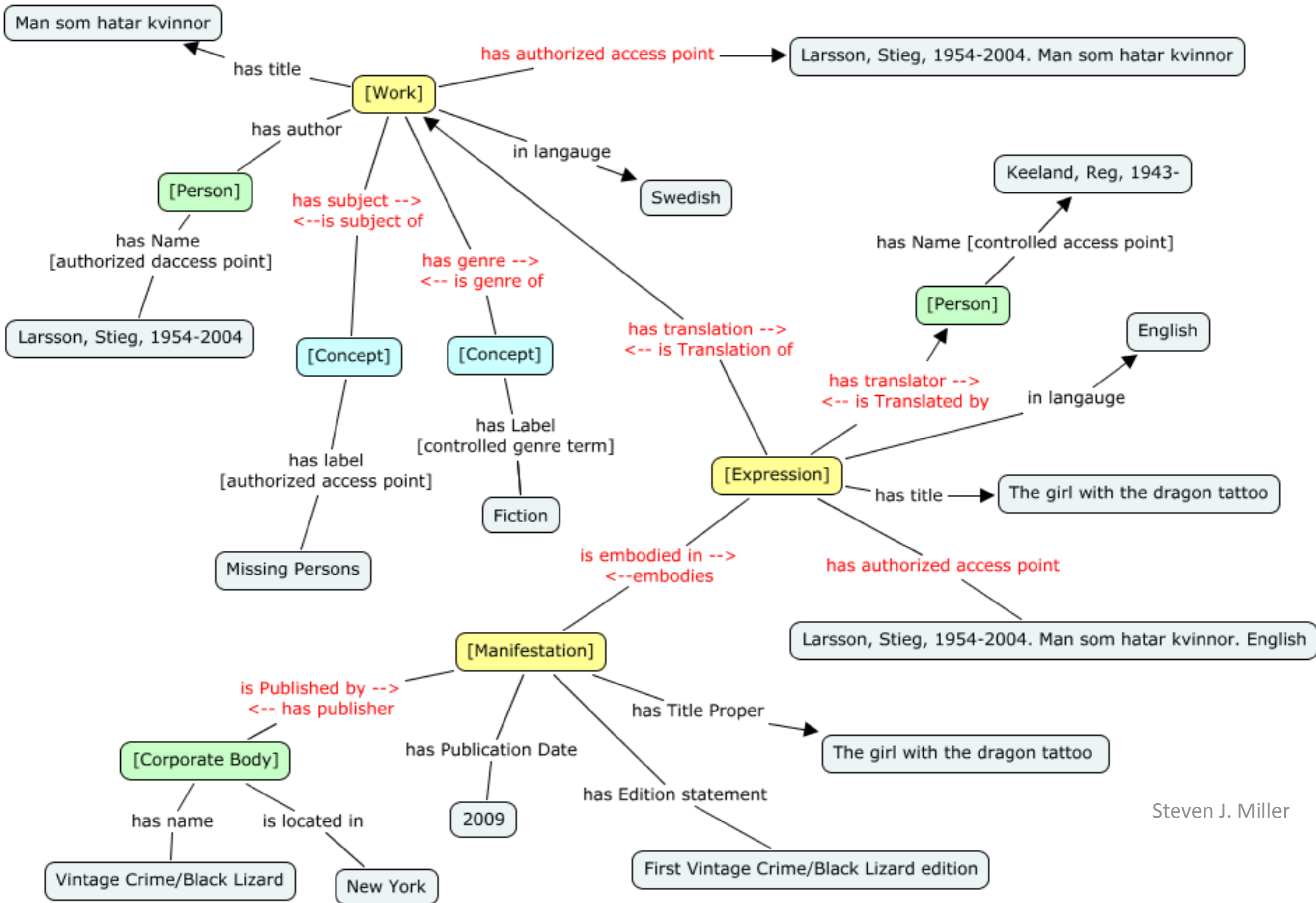
2. RELATIONSHIPS BETWEEN ENTITIES

Element (Property)	Value
Recording Primary Relationships	
Work manifested <i>[authorized access point]</i>	Larsson, Stieg, 1954-2004. Män som hatar kvinnor
Expression manifested <i>[authorized access point]</i>	Larsson, Stieg, 1954-2004. Män som hatar kvinnor. English
Persons, Families, And Corporate Bodies Associated With A Work	
Creator <i>[authorized access point]</i>	Larsson, Stieg, 1954-2004 author
Persons, Families, And Corporate Bodies Associated With An Expression	
Contributor <i>[authorized access point]</i>	Keeland, Reg, 1943- translator

RDA in MARC

```
Type a      ELvl      Srce      Audn      Ctrl      Lang      eng
BLvl m      Form      Conf  0      Biog      MRec      Ctry      nyu
           Cont      GPub      LitF  1      Indx  0
Desc i    Ills      Fest  0      DtSt  s      Dates 2009,
010      2009291782
020      9780307454546 (pbk.)
041 1      eng $h swe
043      e-sw---
050 00      PT9876.22.A6933 $b M3613 2009
082 00      839.73/8 $2 22
100 1      Larsson, Stieg, $d 1954-2004, $e author
240 10      Män som hatar kvinnor. $l English
245 14      The girl with the dragon tattoo / $c Stieg Larsson ; translated from the Swedish by
           Reg Keeland.
250      First Vintage Crime/Black Lizard edition.
260      New York : $b Vintage Crime/Black Lizard, $c 2009.
300      590, 10 p. ; $c 21 cm.
336      text $2 rdacontent
337      unmediated $2 rdamedia
338      volume $2 rdacarrier
520      The disappearance forty years ago of Harriet Vanger, a young scion of one of the
           wealthiest families in Sweden, gnaws at her octogenarian uncle, Henrik Vanger. ...
650 0      Missing persons $v Fiction.
650 0      Rich people $v Fiction.
```

RDA as Linked Data (partial graph)



Steven J. Miller

RDA in XML

Database table format:

Property	Value
titleProper	The Girl with the Dragon Tattoo
placeOfPublication	New York
publisherName	Vintage Crime/Black Lizard
publicatonDate	2009
editionDesignation	First Vintage Crime/Black Lizard edition

XML: (theoretical):

<rda:titleProper>The girl with the dragon tattoo</rda:titleProper>

<rda:placeOfPublication>New York</rda:placeOfPublication>

<rda:publisherName>Vintage Crime/Black Lizard</rda:publisherName>

<rda:publicatonDate>2009</rda:publicatonDate>

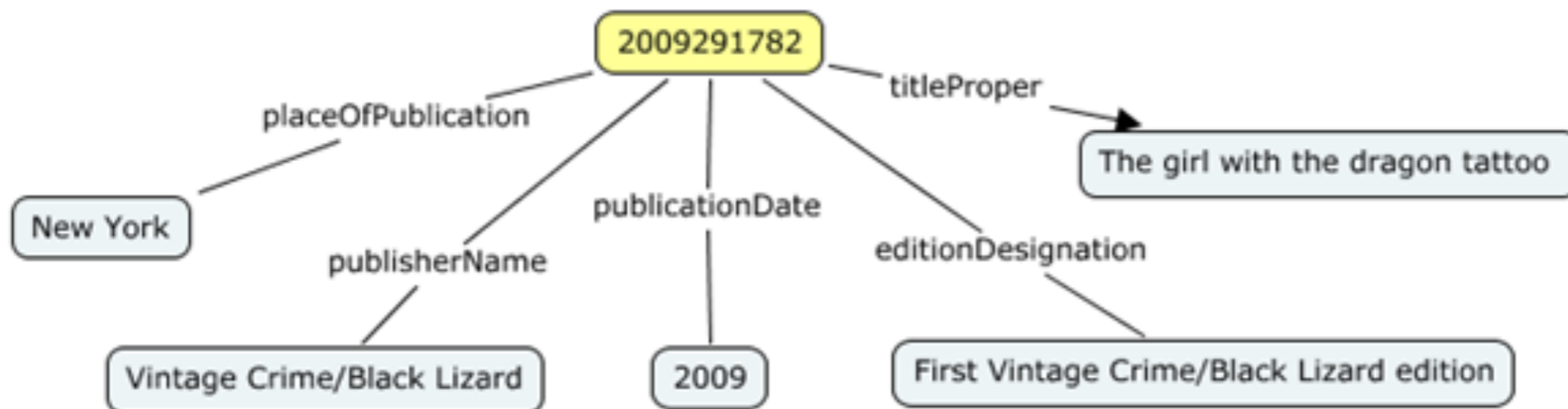
<rda:edtionDesignation>First Vintage Crime/Black Lizard edition</rda:editionDesignation>

RDA in RDF

RDF XML: (theoretical):

```
<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  <rdf:Description about="2009291782">
    <rda:titleProper>The girl with the dragon tattoo</rda:titleProper>
    <rda:placeOfPublication>New York</rda:placeOfPublication>
    <rda:publisherName>Vintage Crime/Black Lizard</rda:publisherName>
    <rda:publicatonDate>2009</rda:publicatonDate>
    <rda:edtionDesignation>First Vintage Crime/Black Lizard edition</rda:edtionDesignation>
  </rdf:Description>
</rdf:RDF>
```

RDF Graph:



Steven J. Miller