

5JSC/RDA/Element analysis/Rev/2  
26 October 2008

**To:** Joint Steering Committee for Development of RDA  
**From:** Deirdre Kiorgaard, Chair, JSC  
**Subject:** RDA Element analysis

Related document: 5JSC/RDA/Scope/Rev/3

The RDA Element Analysis (including both the table and the accompanying notes) provides a detailed analysis of the relationship between RDA and the two metadata models that are referenced in the RDA Scope and Structure document (i.e., The <indec> Metadata Framework, and the DCMI Abstract Model).

It is designed to provide detail on the general statements that are made in section 1.5 of the Scope and structure document (on the relationship of RDA elements to the generic attribute types defined in The <indec> Metadata Framework), and in sections 1.6 and 1.7 (on the relationship of RDA elements to various constructs defined in the DCMI Abstract Model).

## RDA Element Analysis

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The attached table provides an analysis of each element, element sub-type, and sub-element specified in *RDA vis à vis* the generic attribute types defined in *The <indec> metadata framework*<sup>1</sup> and the components and constructs specified in the *DCMI abstract model*<sup>2</sup>.

### 1. Layout of the table

The table layout is as follows:

- Column A lists the RDA “elements” (i.e., elements, element sub-types, and sub-elements) in the order in which they appear in the full draft of RDA for constituency review.
- Column B identifies the classification of the “element” (i.e., as an element, an element sub-type, or a sub-element).
- Column C identifies the generic attribute type reflected by the element as defined in *The <indec> metadata framework* (i.e., label, quantity, quality, type, or role).
- Column D identifies the domain (or class of resource) to which the element applies (i.e., work, expression, manifestation, or item, person, family, corporate body, concept, object, event, or place).<sup>3</sup>
- Column E identifies the category of value surrogate used to record the element (i.e., literal or non-literal).
- Column F identifies the category of value string used to record the element (i.e., plain or typed).
- Column G identifies the syntax encoding scheme specified for an element that is recorded using a typed value string. (Syntax encoding schemes identified as “RDA ...” refer to the syntax specifications given in the RDA instructions on recording the element.)
- Column H identifies the vocabulary encoding scheme specified for an element that is recorded using a non-literal value surrogate. (Vocabulary encoding

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<sup>1</sup> Godfrey Rust and Mark Bide, *The <indec> metadata framework: principles, model and data dictionary* (June 2000)

<sup>2</sup> Andy Powell, Mikael Nilsson, Ambjörn Naeve, Pete Johnston, and Thomas Baker, *DCMI abstract model* (2007-04-02) <<http://dublincore.org/documents/2007/04/02/abstract-model/>>

<sup>3</sup> The classes of resources that serve as domains for the elements defined in *RDA* correspond to entities defined in *FRBR* and *FRAD*.

schemes identified as “RDA ...” refer to the controlled lists of terms given in the RDA instructions on recording the element.)

## 2. RDA encoding conventions

The RDA encoding conventions described below are designed to ensure that the encoding of RDA data meets the requirements of well-formed metadata. Specifically, the aim is to ensure that:

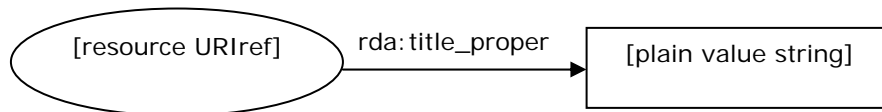
- a) the encoding conventions conform to established models for metadata schema; and
- b) values are encoded according to the rules of a defined namespace, or, where applicable, a controlled vocabulary.

The conventions used to encode RDA elements in a syntax that is compliant with both RDF specifications and the DCMI Abstract Model are described below according to the generic attribute type reflected by the element (i.e., *label*, *quantity*, *quality*, *type*, or *role*). The conventions are described both in textual form and in the form of graphs. In the graphs, a resource (e.g., an instance of manifestation) is represented by an oval containing a resource URI reference; a labeled arrow represents an element (i.e., property) used to describe that resource (e.g., a title proper); and a rectangle represents a value string used to represent or encode a value. A value URI is represented by an oval containing a value URI reference; a vocabulary encoding scheme is represented by an oval containing a vocabulary encoding scheme URI reference.

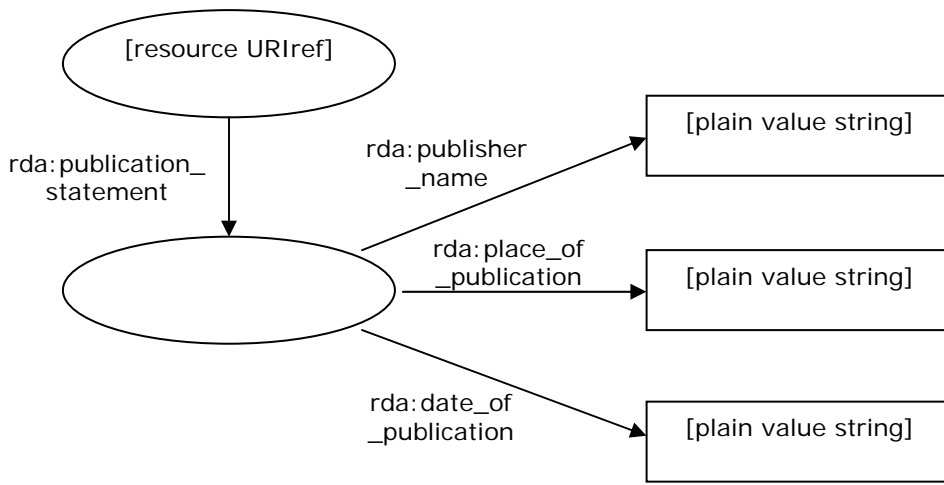
### 2.1 Labels

A *label* is a string whose function is to distinguish one entity from another (e.g., identifiers, names, titles).

A *label* that consists of a simple string (e.g., a title, a statement of responsibility, etc.) is encoded as a *literal* value surrogate using either a *plain* or *typed* value string.



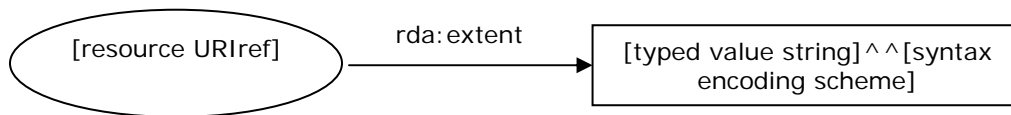
A *label* that consists of a composite string (e.g., a publication statement, a series statement, etc.) is encoded using a blank node to represent the aggregate label (i.e., the element), linked to *literal* value surrogates using either *plain* or *typed* value strings for each of the components of the label (i.e., each of the sub-elements).



## 2.2 Quantities

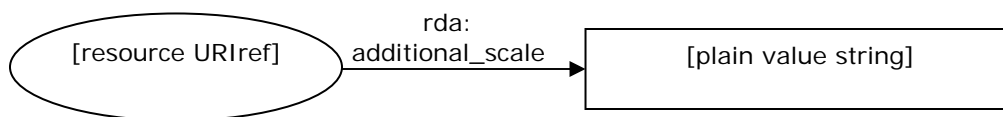
A *quantity* is a number measuring some aspect of an entity (e.g., extent, dimensions, duration).

A *quantity* is generally represented by a *non-literal* value surrogate using a *typed* value string with an associated *syntax encoding scheme*.

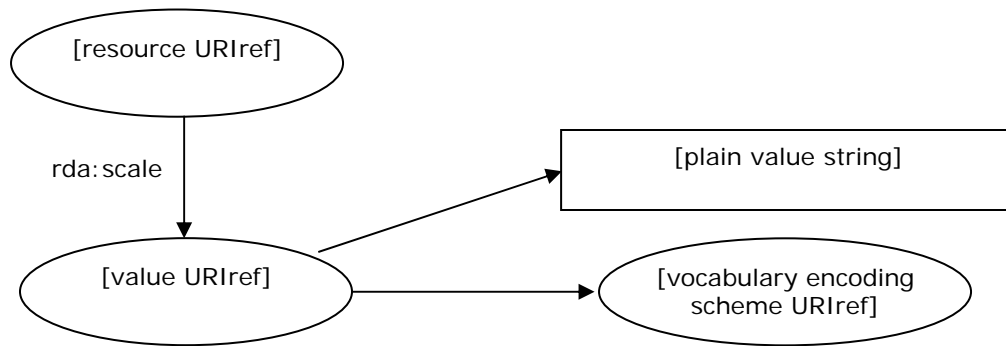


The *syntax encoding scheme* associated with a quantity is normally an RDA syntax encoding scheme (i.e., one that is specified within the RDA schema).

If there is no *syntax encoding scheme* specified for a quantity within RDA (e.g., additional scale information), the *quantity* is represented by a *non-literal* value surrogate using a *plain* value string.



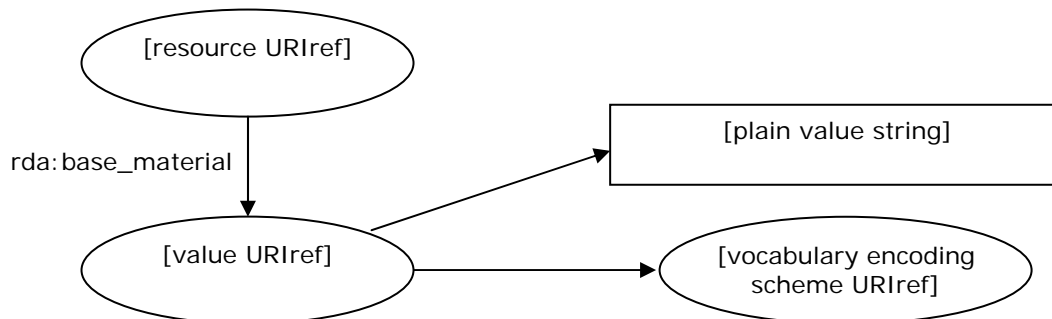
In certain cases (e.g., cartographic content not drawn to scale), a *quantity* may be represented by a *non-literal* value surrogate using a value URI reference that has an associated *plain* value string and *vocabulary encoding scheme*.



### 2.3 Qualities

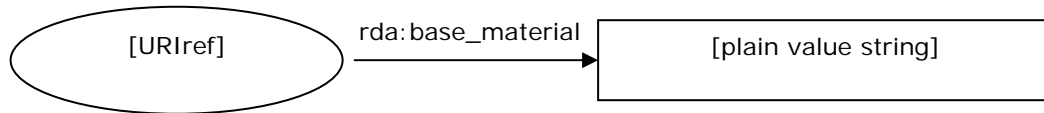
A *quality* is a characteristic of the structure or nature of an entity (e.g., colour, language, gender).

A *quality* is generally represented by a *non-literal* value surrogate using a value URI reference that has an associated *plain* value string and *vocabulary encoding scheme*.



The *vocabulary encoding scheme* associated with a quality is normally an RDA vocabulary encoding scheme (i.e., one that is specified within the RDA schema). However, RDA makes allowance for the use of terms from external vocabulary encoding schemes, provided the vocabulary encoding scheme that is used is identified.

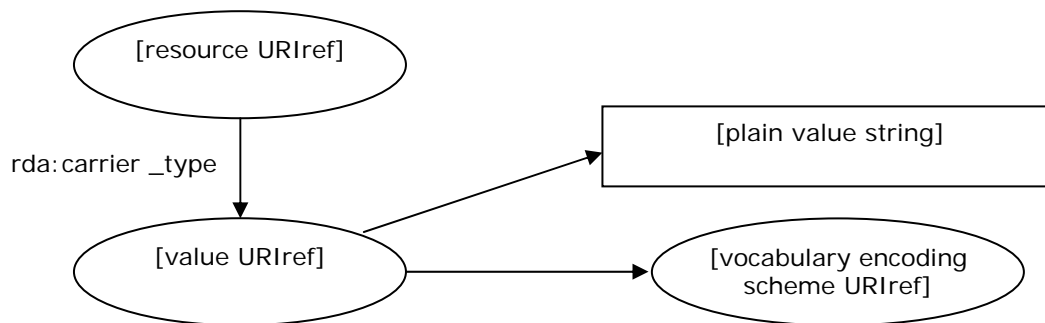
In cases where the value is not covered by an RDA vocabulary encoding scheme, or is more specific than a value covered by the relevant RDA vocabulary encoding scheme, it may be represented simply by a *non-literal* value surrogate using a *plain* value string.



## 2.4 Types

A *type* is a categorization of one or more characteristics of an entity (e.g., media type, carrier type, content type).

A *type* is represented by a *non-literal* value surrogate using a value URI reference that has an associated *plain* value string and *vocabulary encoding scheme*.



The *vocabulary encoding scheme* associated with a type is normally an RDA vocabulary encoding scheme (i.e., one that is specified within the RDA schema).

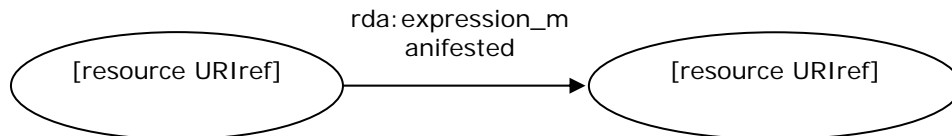
The four elements currently defined as types in RDA (mode of issuance, media type, carrier type, and content type) are all based on the *RDA/ONIX framework for resource categorization*.

## 2.5 Roles

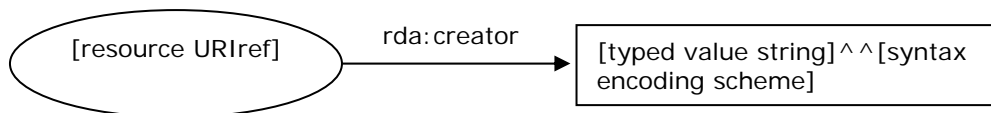
A *role* is a part played or function fulfilled by an entity in relation to another entity or entities (e.g., the function performed by a person, family, or corporate body in relation to the content of a resource).<sup>4</sup>

A *role* may be represented in any one of following ways:

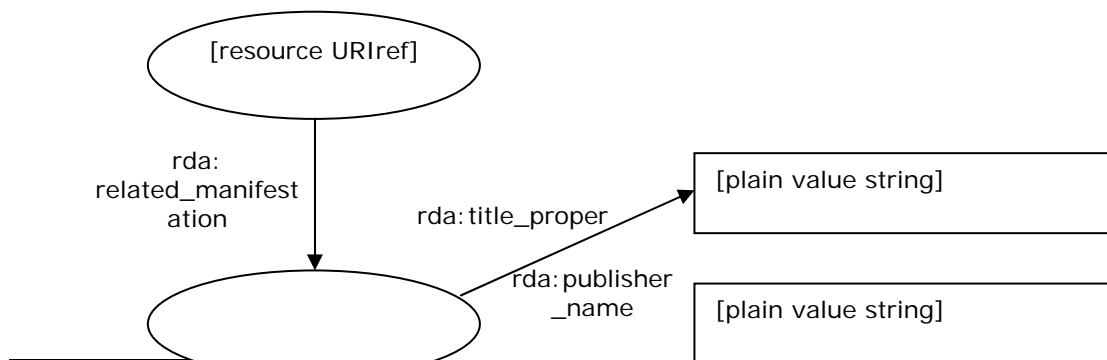
- a) by a *non-literal* value surrogate using a resource URI reference for the related resource



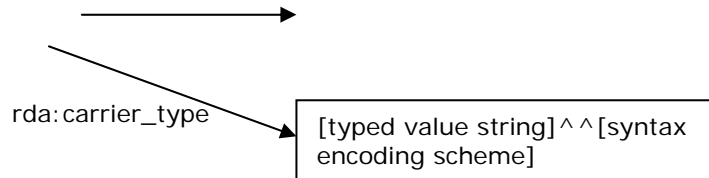
- b) by a *non-literal* value surrogate using a *typed* value string formulated according to an RDA *syntax encoding scheme* for a controlled access point



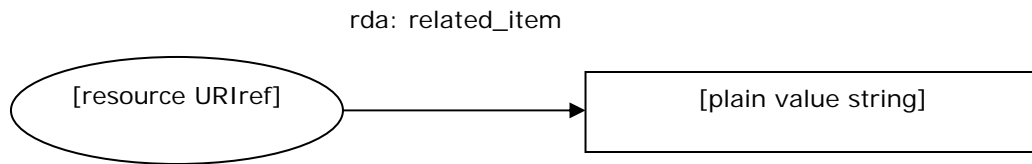
- c) by a *non-literal* value surrogate using a blank node to represent the related resource, linked to *plain* and/or *typed* value strings to provide a structured description of the related resource



<sup>4</sup> The term *role* is used here as defined in *Indecs*, and includes all associations categorized as "relationships" in *FRBR*, as distinguished from the narrower sense in which *role* is used in *RDA* (i.e., only to designate a relationship between a resource and a person, family, or corporate body associated with the resource).



- d) by a *non-literal* value surrogate using a *plain* value string to provide an unstructured description of the related resource



### 3. Outstanding issues

#### **Assumptions**

In reviewing the issues noted below, JSC should bear in mind the following assumptions relating to the encoding of RDA data:

- that the encoding conventions described above and listed in the accompanying table will apply only when RDA data is being exported or "exposed" in an encoding syntax that is compliant with RDF and the DCMI Abstract Model;
- that an agency creating RDA data may either encode and store it in that same encoding syntax, or encode and store it in another encoding syntax (such as MARC 21) and convert it to the RDF/DCMI-compliant syntax for purposes of exporting or exposing it in that syntax; and
- that when RDA data created and stored internally in another metadata format is exported or exposed in an RDF/DCMI-compliant syntax, there may be some loss of detail.

#### **3.1 Domains**

The majority of elements defined in RDA are associated with a single domain (as identified in column D). There are a number of elements, however, that may be associated with more than one of the four domains currently defined for the elements covered in Part A (i.e., work, expression, manifestation, and item). Among such elements are the following: *extent* (which is normally associated with a manifestation but in certain cases may be associated with an expression); *dimensions* (which is normally associated with a manifestation but may in some cases may be associated with an item); *relationship designator* (which may be associated with a person, family, corporate body, work, expression, manifestation, item, concept, object, event, or place); *other person, family, or corporate body*



*associated with a work*, etc. (which may be associated with a person, family, or corporate body); and various elements for related resources (which may be associated with a work, expression, manifestation, or item).

RDF specifications indicate that identifying more than one domain for an element is to be interpreted using a Boolean *AND* (i.e., that all instances of the element must be members of both domains). As a result, there is no domain identified in column D for elements that may be associated with more than one domain. Although it is not a requirement to specify a domain for every element, it would be possible to specify one for some of those elements that may be associated with more than one of the entity types currently defined for RDA, if new entity types were defined to represent combinations of existing entity types. For example, a single entity type could be defined to represent the four FRBR group 1 entities (i.e., work, expression, manifestation, or item) collectively.

Further assessment is needed to determine whether the definition of such entity types is warranted.

### **3.2 Notes**

The elements formerly identified as *notes on ...* and treated as element sub-types under *title*, *statement of responsibility*, etc., have been transferred to a new element for *note*. In general, notes are used to record information that falls outside the defined scope of the element that the note references, but is related to that element (e.g., "Title devised by cataloguer", "Title varies slightly").

Using the conventions described above, it is not possible to link a note directly to the instance of the element to which it relates if the related element is encoded simply as a *literal* value surrogate using a *plain* or *typed* value string.

If it is determined that a mechanism for providing a direct link between a note and the instance of the element to which it relates is required, it would be advisable to encode all instances of that element using that mechanism, whether or not a link to a note is required in a particular instance. For example, if it is determined that a mechanism for linking a *note on title* directly to the instance of the title element to which it relates may be required in some instances, then all instances of the title element should be encoded using a non-literal surrogate that would permit such a link rather than simply using a literal surrogate if a link to a note was not required in that instance.

Further assessment is needed to determine whether the conventions for encoding notes and the elements that may have an associated note in some instances need to be adjusted to permit a direct link between a note and the instance of an element to which it relates.

### **3.3 Language, script, and transliteration scheme associated with a value surrogate**

When applying the conventions described under 2.1 above, *labels* are represented as *literal* value surrogates using either *plain* or *typed* value strings (linked either directly to the node containing the resource URI reference or indirectly through a blank node). RDF provides a mechanism to identify the language of a *plain* value string

(using an ISO language tag/subtag), but provides no mechanism to explicitly identify script of the string independently of language, or to identify the scheme used to transliterate a string from one script to another.

In order to identify the script and transliteration scheme associated with a value string, a different convention would have to be used, introducing an intermediary node to link the string with value URI references for script and transliteration scheme (as applicable). However, if that convention were used, it would be advisable to use it for all instances of any element to which it could apply, regardless of whether the identification of script or transliteration scheme was actually required in any particular instance.

Further assessment is needed to determine whether the conventions for encoding elements for which the identification of script and transliteration might be required in certain instances need to be adjusted to permit the identification of those attributes of a string.

## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;ind ecs&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
2	<b>IDENTIFYING MANIFESTATIONS AND ITEMS</b>							
3	<b>Title</b>	element	label	manifestation	literal	plain	n/a	n/a
4	Title proper	element sub-type	label	manifestation	literal	plain	n/a	n/a
5	Parallel title	element sub-type	label	manifestation	literal	plain	n/a	n/a
6	Other title information	element sub-type	label	manifestation	literal	plain	n/a	n/a
7	Parallel other title information	element sub-type	label	manifestation	literal	plain	n/a	n/a
8	Variant title	element sub-type	label	manifestation	literal	plain	n/a	n/a
9	Earlier variant title	element sub-type	label	manifestation	literal	plain	n/a	n/a
10	Later variant title	element sub-type	label	manifestation	literal	plain	n/a	n/a
11	Key title	element sub-type	label	manifestation	literal	plain	n/a	n/a
12	Abbreviated title	element sub-type	label	manifestation	literal	plain	n/a	n/a
13	Devised title	element sub-type	label	manifestation	literal	plain	n/a	n/a
14	<b>Statement of responsibility</b>	element	label	manifestation	literal	plain	n/a	n/a
15	Statement of responsibility relating to title	element sub-type	label	manifestation	literal	plain	n/a	n/a
16	Parallel statement of responsibility relating to title	element sub-type	label	manifestation	literal	plain	n/a	n/a
17	<b>Edition statement</b>	element	label	manifestation	literal	plain	n/a	n/a
18	<i>Designation of edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
19	<i>Parallel designation of edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
20	<i>Statement of responsibility relating to the edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
21	<i>Parallel statement of responsibility relating to the edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
22	<i>Designation of a named revision of an edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
23	<i>Parallel designation of a named revision of an edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
24	<i>Statement of responsibility relating to a named revision of an edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
25	<i>Parallel statement of responsibility relating to a named revision of an edition</i>	sub-element	label	manifestation	literal	plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;ind ecs&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
26	<b>Numbering of serials</b>	element	label	manifestation	literal	plain	n/a	n/a
27	Numeric and/or alphabetic designation of first issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
28	Chronological designation of first issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
29	Numeric and/or alphabetic designation of last issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
30	Chronological designation of last issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
31	Numeric and/or alphabetic designation of last issue or part of first sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
32	Chronological designation of last issue or part of first sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
33	Numeric and/or alphabetic designation of first issue or part of new sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
34	Chronological designation of first issue or part of new sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
35	<b>Production statement</b>	element	label	manifestation	literal	plain	n/a	n/a
36	<i>Place of production</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
37	<i>Parallel place of production</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
38	<i>Producer's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
39	<i>Parallel producer's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
40	<i>Date of production</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
41	<b>Publication statement</b>	element	label	manifestation	literal	plain	n/a	n/a
42	<i>Place of publication</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
43	<i>Parallel place of publication</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
44	<i>Publisher's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
45	<i>Parallel publisher's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
46	<i>Date of publication</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
47	<b>Distribution statement</b>	element	label	manifestation	literal	plain	n/a	n/a
48	<i>Place of distribution</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
49	<i>Parallel place of distribution</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
50	<i>Distributor's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
51	<i>Parallel distributor's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
52	<i>Date of distribution</i>	sub-element	label	manifestation	literal	plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		Classification	<ind ecs> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
53	<b>Manufacture statement</b>	element	label	manifestation	literal	plain	n/a	n/a
54	<i>Place of manufacture</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
55	<i>Parallel place of manufacture</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
56	<i>Manufacturer's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
57	<i>Parallel manufacturer's name</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
58	<i>Date of manufacture</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
59	<b>Copyright date</b>	element	label	manifestation	literal	plain	n/a	n/a
60	<b>Series statement</b>	element	label	manifestation	literal	-	-	n/a
61	<i>Title proper of series</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
62	<i>Parallel title of series</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
63	<i>Other title information of series</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
64	<i>Parallel other title information of series</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
65	<i>Statement of responsibility relating to series</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
66	<i>Parallel statement of responsibility relating to series</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
67	<i>ISSN of series</i>	sub-element	label	manifestation	literal	typed	ISO 3297	n/a
68	<i>Numbering within series</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
69	<i>Title proper of subseries</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
70	<i>Parallel title of subseries</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
71	<i>Other title information of subseries</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
72	<i>Parallel other title information of subseries</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
73	<i>Statement of responsibility relating to subseries</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
74	<i>Parallel statement of responsibility relating to subseries</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
75	<i>ISSN of subseries</i>	sub-element	label	manifestation	literal	typed	ISO 3297	n/a
76	<i>Numbering within subseries</i>	sub-element	label	manifestation	literal	plain	n/a	n/a
77	<b>Mode of issuance</b>	element	type	manifestation	non-literal	plain	n/a	RDA mode of issuance
78	<b>Frequency</b>	element	quality	manifestation	non-literal	plain	n/a	RDA frequency
79						plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;ind ecs&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
80	<b>Identifier for the manifestation</b>	element	label	manifestation	literal	typed	as specified for identifier (if applicable)	n/a
81						typed	RDA identifier for the manifestation	n/a
82	Publisher's number for music	element sub-type	label	manifestation	literal	plain	n/a	n/a
83	Plate number for music	element sub-type	label	manifestation	literal	plain	n/a	n/a
84	<b>Preferred citation</b>	element	label	-	literal	plain	n/a	n/a
85	<b>Custodial history</b>	element	role	item	non-literal	plain	n/a	n/s
86	<b>Immediate source of acquisition</b>	element	role	item	non-literal	plain	n/a	n/s
87	<b>Identifier for the item</b>	element	label	item	literal	typed	as specified for identifier (if applicable)	n/a
88						typed	RDA identifier for the item	n/a
89	<b>Note</b>	element	-	manifestation	literal?	plain	n/a	n/a
90	Note on title	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
91	Note on statement of responsibility	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
92	Note on edition statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
93	Note on numbering of serials	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
94	Note on production statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
95	Note on publication statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
96	Note on distribution statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
97	Note on manufacture statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
98	Note on series statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
99	Note on frequency	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
100	Note on issue, part, or iteration used as the basis for identification of the resource	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
101	<b>DESCRIBING CARRIERS</b>							
102	<b>Media type</b>	element	type	manifestation	non-literal	plain	n/a	RDA media type
103	<b>Carrier type</b>	element	type	manifestation	non-literal	plain	n/a	RDA carrier type
104	<b>Extent</b>	element	quantity	-	non-literal	typed	RDA extent	RDA carrier type

## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
105	Extent of cartographic resource	element sub-type	quantity	-	non-literal	typed	RDA extent of cartographic resources	RDA extent of cartographic resource
106	Extent of notated music	element sub-type	quantity	-	non-literal	typed	RDA extent of notated music	RDA format of notated music
107	Extent of still image	element sub-type	quantity	-	non-literal	typed	RDA extent of still images	RDA extent of still image
108	Extent of text	element sub-type	quantity	-	non-literal	typed	RDA extent of text	RDA extent of text
109	Extent of three-dimensional form	element sub-type	quantity	-	non-literal	typed	RDA extent of three-dimensional form	RDA extent of three-dimensional form
110	<b>Dimensions</b>	element	quantity	-	non-literal	typed	RDA dimensions	n/a
111	Dimensions of map, etc.	element sub-type	quantity	-	non-literal	typed	RDA dimensions of maps, etc.	n/a
112	Dimensions of still image	element sub-type	quantity	-	non-literal	typed	RDA dimensions of still images	n/a
113	<b>Base material</b>	element	quality	manifestation	non-literal	plain	n/a	RDA base material
114						plain	n/a	n/a
115	Base material for microfilm, microfiche, photographic negatives, and motion picture film	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA base material (microfilm, microfiche, photographic negatives, and motion picture film)
116						plain	n/a	n/a
117	<b>Applied material</b>	element	quality	manifestation	non-literal	plain	n/a	RDA applied material
118						plain	n/a	n/a

## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
119	Emulsion on microfilm and microfiche	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA emulsion (microfilm and microfiche)
120						plain	n/a	n/a
121	<b>Mount</b>	element	quality	manifestation	non-literal	plain	n/a	RDA base material
122						plain	n/a	n/a
123	<b>Production method</b>	element	quality	manifestation	non-literal	plain	n/a	RDA production method
124						plain	n/a	n/a
125	Production method for manuscripts	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA production method (manuscripts)
126						plain	n/a	n/a
127	Production method for tactile resources	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA production method (tactile resources)
128						plain	n/a	n/a
129	<b>Generation</b>	element	quality	manifestation	non-literal	plain	n/a	-
130	Generation of audio recording	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (audio recordings)
131						plain	n/a	n/a
132	Generation of digital resource	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (digital resources)
133						plain	n/a	n/a
134	Generation of microform	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (microforms)
135						plain	n/a	n/a
136	Generation of motion picture film	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (motion picture films)
137						plain	n/a	n/a
138	Generation of videotape	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (videotapes)
139						plain	n/a	n/a



## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
140	<b>Layout</b>	element	quality	manifestation	non-literal	plain	n/a	RDA layout
141	Layout of cartographic images	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA layout of cartographic images
142						plain	n/a	n/a
143	Layout of tactile musical notation	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA layout (tactile musical notation)
144						plain	n/a	n/a
145	Layout of tactile text	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA layout (tactile text)
146						plain	n/a	n/a
147	<b>Book format</b>	element	quality	manifestation	non-literal	plain	n/a	RDA book format
148						plain	n/a	n/a
149	<b>Font size</b>	element	quality	manifestation	non-literal	plain	n/a	RDA font size
150						plain	n/a	n/a
151	<b>Polarity</b>	element	quality	manifestation	non-literal	plain	n/a	RDA polarity
152						plain	n/a	n/a
153	<b>Reduction ratio</b>	element	quality	manifestation	non-literal	plain	n/a	RDA reduction ratio
154						plain	n/a	n/a
155	<b>Sound characteristics</b>	element	quality	manifestation	non-literal	plain	-	-
156	Type of recording	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA type of recording
157						plain	n/a	n/a
158	Recording medium	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA recording medium
159						plain	n/a	n/a
160	Playing speed	element sub-type	quantity	manifestation	non-literal	plain	RDA playing speed	n/a
161						plain	n/a	n/a
162	Groove characteristic	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA groove width; RDA groove pitch
163						plain	n/a	n/a

## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		Classification	<index> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
164	Track configuration	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA track confinuration
165						plain	n/a	n/a
166	Tape configuration	element sub-type	quality	manifestation	non-literal	plain	n/a	n/a
167	Configuration of playback channels	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA configuration of playback channels
168						plain	n/a	n/a
169	Special playback characteristic	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA special playback characteristic
170						plain	n/a	n/a
171	<b>Projection characteristics of motion picture film</b>	element	quality	manifestation	non-literal	plain	-	-
172	Presentation format	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA presentation format
173						plain	n/a	n/a
174	Projection speed	element sub-type	quality	manifestation	non-literal	plain	RDA projection speed	n/a
175						plain	n/a	n/a
176	<b>Video characteristics</b>	element	quality	manifestation	non-literal	plain	n/a	-
177	Video format	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA video format
178						plain	n/a	n/a
179	Broadcast standard	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA broadcast standard
180						plain	n/a	n/a
181	<b>Digital file characteristics</b>	element	quality	manifestation	non-literal	plain	n/a	-
182	File type	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA file type
183						plain	n/a	n/a
184	Encoding format	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA encoding format
185						plain	n/a	n/a
186	Regional encoding	element sub-type	quality	manifestation	non-literal	plain	n/a	n/a
187	File size	element sub-type	quantity	manifestation	literal	typed	RDA file size	n/a

## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;indecs&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
188	Transmission speed	element sub-type	quantity	manifestation	literal	typed	RDA transmission speed	n/a
189	Digital representation of cartographic images	element sub-type	quality	manifestation	non-literal	-	-	-
190	<i>Data type</i>	sub-element	quality	manifestation	non-literal	plain	n/a	RDA data type
191	<i>Object type</i>	sub-element	quality	manifestation	non-literal	plain	n/a	RDA object type
192	<i>Number of objects</i>	sub-element	quantity	manifestation	non-literal	typed	RDA number of objects	n/a
193	<b>Equipment and system requirements</b>	element	role	manifestation	non-literal	plain	n/a	n/a
194	<b>Item-specific carrier characteristics</b>	element	quality	item	non-literal	plain	n/a	n/a
195	Item-specific carrier characteristics of early printed resources	element sub-type	quality	item	non-literal	plain	n/a	n/a
196	<b>Note</b>	element	-	-	literal?	plain	n/a	n/a
197	Note on extent of manifestation	element sub-type	quantity / quality	manifestation	literal?	plain	n/a	n/a
198	Note on dimensions of manifestation	element sub-type	quantity / quality	manifestation	literal?	plain	n/a	n/a
199	Note on changes in carrier characteristics	element sub-type	quality	manifestation	literal?	plain	n/a	n/a
200	Note on extent of item	element sub-type	quantity / quality	item	literal?	plain	n/a	n/a
201	Note on dimensions of item	element sub-type	quantity / quality	item	literal?	plain	n/a	n/a
202	<b>PROVIDING ACQUISITION AND ACCESS INFORMATION</b>							
203	<b>Terms of availability</b>	element	quantity / quality	manifestation	non-literal	plain	n/a	n/a
204	<b>Contact information</b>	element	role?	-	non-literal	plain	n/a	n/a
205	<b>Restrictions on access</b>	element	quality	-	non-literal	plain	n/a	n/a
206	<b>Restrictions on use</b>	element	quality	-	non-literal	plain	n/a	n/a
207	<b>Uniform Resource Locator</b>	element	label	-	literal	typed	as specified for URLs	n/a

RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		Classification	<index> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
208	<b>RECORDING ATTRIBUTES OF WORKS AND EXPRESSIONS</b>							
209	<b>Status of identification</b>	element	quality	-	non-literal	plain	n/a	RDA status of identification
210	<b>Source consulted</b>	element	role?	-	non-literal	plain	n/a	n/a
211	<b>Cataloguer's note</b>	element	?	-	non-literal	plain	n/a	n/a
212	<b>IDENTIFYING WORKS AND EXPRESSIONS</b>							
213	<b>Title of the work</b>	element	label	work	literal	plain	n/a	n/a
214	Preferred title for the work	element sub-type	label	work	literal	plain	n/a	RDA conventional collective title; RDA groups of books of the Bible
215	Variant title for the work	element sub-type	label	work	literal	plain	n/a	n/a
216	<b>Form of work</b>	element	type?	work	non-literal	plain	n/a	n/a
217	<b>Date of work</b>	element	role?	work	non-literal	plain	n/a	n/a
218	<b>Place of origin of the work</b>	element	role?	work	non-literal	plain	n/a	n/a
219	<b>Medium of performance</b>	element	role?	work	non-literal	plain	n/a	RDA medium of performance
220	<b>Numeric designation</b>	element	label	work	non-literal	plain	n/a	n/a
221	<b>Key</b>	element	quality	work	non-literal	plain	n/a	n/a
222	<b>Signatory to a treaty, etc.</b>	element	role?	work	non-literal	plain	n/a	n/a
223	<b>Other distinguishing characteristic of the work</b>	element	quality	work	non-literal	plain	n/a	n/a
224	<b>Original language of the work</b>	element	quality	work	non-literal	plain	n/a	ISO 639-2
225	<b>History of the work</b>	element	role?	work	non-literal	plain	n/a	n/a
226	<b>Identifier for the work</b>	element	label	work	literal	typed	RDA identifier	n/a
227	<b>Content type</b>	element	type	expression	non-literal	plain	n/a	RDA content type
228	<b>Date of expression</b>	element	role?	expression	non-literal	plain	n/a	n/a
229	<b>Language of expression</b>	element	quality	expression	non-literal	plain	n/a	ISO 639-2
230	<b>Other distinguishing characteristic of the expression</b>	element	quality	expression	non-literal	plain	n/a	n/a
231	<b>Identifier for the expression</b>	element	label	expression	literal	typed	RDA identifier	n/a
232	<b>DESCRIBING CONTENT</b>							
233	<b>Nature of the content</b>	element	quality	work	non-literal	plain	n/a	n/a
234	<b>Coverage of the content</b>	element	quality	work	non-literal	plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		Classification	<index> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
235	<b>Coordinates of cartographic content</b>	element	quantity	work	non-literal	typed	-	n/a
236	Longitude and latitude	element sub-type	quantity	work	non-literal	typed	RDA longitude and latitude	n/a
237	Strings of coordinate pairs	element sub-type	quantity	work	non-literal	typed	RDA strings of coordinate pairs	n/a
238	Right ascension and declination	element sub-type	quantity	work	non-literal	typed	RDA right ascension and declination	n/a
239	<b>Equinox</b>	element	quantity	work	non-literal	typed	RDA equinox	n/a
240	<b>Epoch</b>	element	quantity	work	non-literal	typed?	RDA epoch?	n/a
241	<b>Intended audience</b>	element	quality	work	non-literal	plain	n/a	n/a
242	<b>System of organization</b>	element	quality	work	non-literal	plain	n/a	n/a
243	<b>Dissertation or theses information</b>	element	role	work	non-literal	plain	n/a	n/a
244	<i>Academic degree</i>	sub-element	role	work	non-literal	plain	n/a	n/a
245	<i>Granting institution or faculty</i>	sub-element	role	work	non-literal	plain	n/a	n/a
246	<i>Year degree granted</i>	sub-element	role	work	non-literal	plain	n/a	n/a
247	<b>Summarization of the content</b>	element	quality	expression	non-literal	plain	n/a	n/a
248	<b>Place and date of capture</b>	element	role	expression	non-literal	plain	n/a	n/a
249	<i>Place of capture</i>	sub-element	role	expression	non-literal	plain	n/a	n/a
250	<i>Date of capture</i>	sub-element	role	expression	non-literal	plain	n/a	n/a
251	<b>Language of the content</b>	element	quality	expression	non-literal	plain	n/a	n/a
252	<b>Form of notation</b>	element	quality	expression	non-literal	plain	n/a	-
253	Script	element sub-type	quality	expression	non-literal	plain	n/a	ISO 15924
254	Form of musical notation	element sub-type	quality	expression	non-literal	plain	n/a	RDA form of musical notation
255	Form of tactile notation	element sub-type	quality	expression	non-literal	plain	n/a	RDA form of tactile notation
256						plain	n/a	n/a
257	<b>Accessibility content</b>	element	quality	expression	non-literal	plain	n/a	n/a
258	<b>Illustrative content</b>	element	quality	expression	non-literal	plain	n/a	RDA illustrative content
259						plain	n/a	n/a
260	<b>Supplementary content</b>	element	quality	expression	non-literal	plain	n/a	n/a

## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
261	<b>Colour content</b>	element	quality	expression	non-literal	plain	n/a	n/a
262	Colour of still image	element sub-type	quality	expression	non-literal	plain	n/a	RDA colour (still images)
263						plain	n/a	n/a
264	Colour of moving images	element sub-type	quality	expression	non-literal	plain	n/a	RDA colour (moving images)
265						plain	n/a	n/a
266	Colour of three-dimensional form	element sub-type	quality	expression	non-literal	plain	n/a	RDA colour (three-dimensional forms)
267						plain	n/a	n/a
268	Colour of resource designed for persons with visual impairments	element sub-type	quality	expression	non-literal	plain	n/a	n/a
269	<b>Sound content</b>	element	quality	expression	non-literal	plain	n/a	RDA sound content
270						plain	n/a	n/a
271	<b>Aspect ratio</b>	element	quantity	expression	non-literal	plain	n/a	RDA aspect ratio
272						plain	n/a	n/a
273	<b>Format of notated music</b>	element	label	expression	non-literal	plain	n/a	RDA format of notated music
274						plain	n/a	n/a
275	<b>Medium of performance of musical content</b>	element	quality	expression	non-literal	plain	n/a	n/a
276						plain	n/a	n/a
277	<b>Duration</b>	element	quantity	expression	non-literal	plain	n/a	n/a
278	<b>Performer, narrator, and/or presenter</b>	element	role	expression	non-literal	plain	n/a	n/a
279	<b>Artistic and/or technical credits</b>	element	role	expression	non-literal	plain	n/a	n/a
280	<b>Scale</b>	element	quantity	expression	non-literal	-	-	-
281	Scale of still image or three-dimensional form	element sub-type	quantity	expression	non-literal	typed	RDA scale (still image or three-dimensional form)	RDA content not drawn to scale

## RDA Element Analysis

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	A	B	C	D	E	F	G	H
1		Classification	<index> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
282	Horizontal scale of cartographic content	element sub-type	quantity	expression	non-literal	typed	RDA scale (cartographic content)	n/a
283						plain	n/a	RDA content not drawn to scale
284	Vertical scale of cartographic content	element sub-type	quantity	expression	non-literal	typed	RDA vertical scale (cartographic content)	n/a
285	Additional scale information	element sub-type	quantity / quality	expression	non-literal	plain	n/a	n/a
286	<b>Projection of cartographic content</b>	element	label	expression	literal	plain	n/a	n/a
287	<b>Other details of cartographic content</b>	element	quantity / quality	expression	non-literal	plain	n/a	n/a
288	<b>Awards</b>	element	quality?	expression	non-literal	plain	n/a	n/a
289	<b>RECORDING ATTRIBUTES OF PERSONS, FAMILIES, AND CORPORATE BODIES</b>							
290	<b>Scope of usage</b>	element	role?	name	non-literal	plain	n/a	n/a
291	<b>Date of usage</b>	element	role?	name	non-literal	plain	n/a	n/a
292	<b>Status of identification</b>	element	quality	-	non-literal	plain	n/a	RDA status of identification
293	<b>Undifferentiated name indicator</b>	element	quality	-	non-literal	plain	n/a	n/a
294	<b>Source consulted</b>	element	role?	-	non-literal	plain	n/a	n/a
295	<b>Cataloguer's note</b>	element	?	-	non-literal	plain	n/a	n/a
296	<b>IDENTIFYING PERSONS</b>							
297	<b>Name of the person</b>	element	label	person	literal	plain	n/a	n/a
298	Preferred name for the person	element sub-type	label	person	literal	plain	n/a	n/a
299	Variant name for the person	element sub-type	label	person	literal	plain	n/a	n/a
300	<b>Date associated with the person</b>	element	role?	person	non-literal	-	n/a	n/a
301	Date of birth	element sub-type	role?	person	non-literal	typed	n/a	n/a
302	Date of death	element sub-type	role?	person	non-literal	typed	n/a	n/a
303	Period of activity	element sub-type	role?	person	non-literal	plain	n/a	n/a
304	<b>Title of the person</b>	element	label	person	non-literal	plain	n/a	n/a
305	<b>Fuller form of name</b>	element	label	person	non-literal	plain	n/a	n/a
306	<b>Other designation associated with the person</b>	element	label	person	non-literal	plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		Classification	<indecs> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
307	<b>Gender</b>	element	quality	person	non-literal	plain	n/a	RDA gender
308					non-literal	plain	n/a	n/a
309	<b>Place of birth</b>	element	role?	person	non-literal	plain	n/a	n/a
310	<b>Place of death</b>	element	role?	person	non-literal	plain	n/a	n/a
311	<b>Country associated with the person</b>	element	role?	person	non-literal	plain	n/a	n/a
312	<b>Place of residence</b>	element	role?	person	non-literal	plain	n/a	n/a
313	<b>Address of the person</b>	element	role?	person	non-literal	plain	n/a	n/a
314	<b>Affiliation</b>	element	role?	person	non-literal	plain	n/a	n/a
315	<b>Language of the person</b>	element	quality	person	non-literal	plain	n/a	ISO 639-2
316	<b>Field of activity of the person</b>	element	role?	person	non-literal	plain	n/a	n/a
317	<b>Profession or occupation</b>	element	role?	person	non-literal	plain	n/a	n/a
318	<b>Biographical information</b>	element	role?	person	non-literal	plain	n/a	n/a
319	<b>Identifier for the person</b>	element	label	person	literal	typed	RDA identifier	n/a
320	<b>IDENTIFYING FAMILIES</b>							
321	<b>Name of the family</b>	element	label	family	literal	plain	n/a	n/a
322	Preferred name for the family	element sub-type	label	family	literal	plain	n/a	n/a
323	Variant name for the family	element sub-type	label	family	literal	plain	n/a	n/a
324	<b>Type of family</b>	element	quality?	family	non-literal	plain	n/a	n/a
325	<b>Date associated with the family</b>	element	role?	family	non-literal	plain	n/a	n/a
326	<b>Place associated with the family</b>	element	role?	family	non-literal	plain	n/a	n/a
327	<b>Prominent member of the family</b>	element	role?	family	non-literal	plain	n/a	n/a
328	<b>Hereditary title</b>	element	role?	family	non-literal	plain	n/a	n/a
329	<b>Family history</b>	element	role?	family	non-literal	plain	n/a	n/a
330	<b>Identifier for the family</b>	element	label	family	literal	typed	RDA identifier	n/a
331	<b>IDENTIFYING CORPORATE BODIES</b>							
332	<b>Name of the corporate body</b>	element	label	corporate body	literal	plain	n/a	n/a
333	Preferred name for the corporate body	element sub-type	label	corporate body	literal	plain	n/a	n/a
334	Variant name for the corporate body	element sub-type	label	corporate body	literal	plain	n/a	n/a
335	<b>Place associated with the corporate body</b>	element	role?	corporate body	non-literal	plain	n/a	n/a
336	Location of conference, etc.	element sub-type	role?	corporate body	non-literal	plain	n/a	n/a
337	Location of headquarters	element sub-type	role?	corporate body	non-literal	plain	n/a	n/a
338	<b>Date associated with the corporate body</b>	element	role?	corporate body	non-literal	plain	n/a	n/a
339	Date of conference, etc.	element sub-type	role?	corporate body	non-literal	plain	n/a	n/a



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	A	B	C	D	E	F	G	H
1		Classification	<index> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
340	Date of establishment	element sub-type	role?	corporate body	non-literal	plain	n/a	n/a
341	Date of termination	element sub-type	role?	corporate body	non-literal	plain	n/a	n/a
342	<b>Associated institution</b>	element	role?	corporate body	non-literal	plain	RDA preferred access point representing corporate body	n/a
343						plain		
344	<b>Other designation associated with the corporate body</b>	element	label	corporate body	non-literal	plain	n/a	n/a
345	<b>Language of the corporate body</b>	element	quality	corporate body	non-literal	plain	n/a	ISO 639-2
346	<b>Address of the corporate body</b>	element	role?	corporate body	non-literal	plain	n/a	n/a
347	<b>Field of activity of the corporate body</b>	element	role?	corporate body	non-literal	plain	n/a	n/a
348	<b>Corporate history</b>	element	role?	corporate body	non-literal	plain	n/a	n/a
349	<b>Identifier for the corporate body</b>	element	label	corporate body	literal	typed	RDA identifier	n/a
350	<b>RECORDING ATTRIBUTES OF CONCEPTS, OBJECTS, EVENTS, AND PLACES</b>							
351	<b>Scope of usage</b>	element	role?	name	non-literal	plain	n/a	n/a
352	<b>Status of identification</b>	element	quality	-	non-literal	plain	n/a	n/a
353	<b>Source consulted</b>	element	quality	-	non-literal	plain	n/a	n/a
354	<b>Cataloguer's note</b>	element	quality	-	non-literal	plain	n/a	n/a
355	<b>IDENTIFYING CONCEPTS</b>							
356	<b>Term for the concept</b>	element	label	concept	literal	plain	n/a	n/a
357	Preferred term for the concept	element sub-type	label	concept	literal	plain	n/a	n/a
358	Variant term for the concept	element sub-type	label	concept	literal	plain	n/a	n/a
359	<b>Type of concept</b>	element	type	concept	non-literal	plain	n/a	RDA type of concept
360	<b>Identifier for the concept</b>	element	label	concept	literal	typed	RDA identifier	n/a
361	<b>IDENTIFYING OBJECTS</b>							
362	<b>Name of the object</b>	element	label	object	literal	plain	n/a	n/a
363	Preferred name for the object	element sub-type	label	object	literal	plain	n/a	n/a
364	Variant name for the object	element sub-type	label	object	literal	plain	n/a	n/a
365	<b>Type of object</b>	element	type	object	non-literal	plain	n/a	RDA type of object
366	<b>Date of production</b>	element	role?	object	non-literal	plain	n/a	n/a
367	<b>Place of production</b>	element	role?	object	non-literal	plain	n/a	n/a
368	<b>Producer / fabricator</b>	element	role?	object	non-literal	plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
369	<b>Physical medium</b>	element	quality	object	non-literal	plain	n/a	RDA physical medium
370	<b>Identifier for the object</b>	element	label	object	literal	typed	RDA identifier	n/a
371	<b>IDENTIFYING EVENTS</b>							
372	<b>Name of the event</b>	element	label	event	literal	plain	n/a	n/a
373	Preferred name for the event	element sub-type	label	event	literal	plain	n/a	n/a
374	Variant name for the event	element sub-type	label	event	literal	plain	n/a	n/a
375	<b>Date associated with the event</b>	element	role?	event	non-literal	plain	n/a	n/a
376	<b>Place associated with the event</b>	element	role?	event	non-literal	plain	n/a	n/a
377	<b>Identifier for the event</b>	element	label	event	literal	typed	RDA identifier	n/a
378	<b>IDENTIFYING PLACES</b>							
379	<b>Name of the place</b>	element	label	place	literal	plain	n/a	n/a
380	Preferred name for the place	element sub-type	label	place	literal	plain	n/a	n/a
381	Variant name for the place	element sub-type	label	place	literal	plain	n/a	n/a
382	<b>Coordinates</b>	element	quantity?	place	non-literal	plain	n/a	n/a
383	<b>Other geographical information</b>	element	quality?	place	non-literal	plain	n/a	n/a
384	<b>Identifier for the place</b>	element	label	place	literal	typed	RDA identifier	n/a
385	<b>RECORDING PRIMARY RELATIONSHIPS BETWEEN WORK, EXPRESSION, MANIFESTATION, AND ITEM</b>							
386	<b>Expression of work</b>	element	role	work	non-literal	typed	as specified for identifier	n/a
387						typed	RDA preferred access point [expression]	n/a
388						plain	n/a	n/a
389	<b>Work expressed</b>	element	role	expression	non-literal	typed	as specified for identifier	n/a
390						typed	RDA preferred access point [work]	n/a
391						plain	n/a	n/a
392	<b>Manifestation of work</b>	element	role	work	non-literal	typed	as specified for identifier	n/a
393						plain	n/a	n/a
394	<b>Work manifested</b>	element	role	manifestation	non-literal	typed	as specified for identifier	n/a

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
395						typed	RDA preferred access point [work / expression]	n/a
396						plain	n/a	n/a
397	<b>Manifestation of expression</b>	element	role	expression	non-literal	typed	as specified for identifier	n/a
398						plain	n/a	n/a
399	<b>Expression manifested</b>	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
400						typed	RDA preferred access point [work / expression]	n/a
401						plain	n/a	n/a
402	<b>Item of manifestation</b>	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
403						plain	n/a	n/a
404	<b>Manifestation exemplified</b>	element	role	item	non-literal	typed	as specified for identifier	n/a
405						plain	n/a	n/a
406	<b>RECORDING RELATIONSHIPS TO PERSONS, FAMILIES, AND CORPORATE BODIES ASSOCIATED WITH A RESOURCE</b>							
407	<b>Relationship designator</b>	element	role	-	non-literal	plain	n/a	RDA relationship designator
408	<b>PERSONS, FAMILIES, AND CORPORATE BODIES ASSOCIATED WITH A WORK</b>							
409	<b>Creator</b>	element	role	work	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
410	<b>Other person, family, or corporate body associated with a work</b>	element	role	work	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
411	<b>PERSONS, FAMILIES, AND CORPORATE BODIES ASSOCIATED WITH AN EXPRESSION</b>							
412	<b>Contributor</b>	element	role	expression	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
413	<b>PERSONS, FAMILIES, AND CORPORATE BODIES ASSOCIATED WITH A MANIFESTATION</b>							
414	<b>Producer</b>	element	role	manifestation	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
415	<b>Publisher</b>	element	role	manifestation	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
416	<b>Distributor</b>	element	role	manifestation	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
417	<b>Manufacturer</b>	element	role	manifestation	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
418	<b>Other person, family, or corporate body associated with a manifestation</b>	element	role	manifestation	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
419	<b>PERSONS, FAMILIES, AND CORPORATE BODIES ASSOCIATED WITH AN ITEM</b>							
420	<b>Owner</b>	element	role	item	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
421	<b>Custodian</b>	element	role	item	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
422	<b>Other person, family, or corporate body associated with an item</b>	element	role	item	non-literal	typed	RDA preferred access point [person / family / corporate body]	n/a
423	<b>RECORDING SUBJECT RELATIONSHIPS</b>							
424	<b>Relationship designator</b>	element	role	-	non-literal	plain	n/a	RDA relationship designator

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
425	<b>RECORDING RELATIONSHIPS BETWEEN WORKS, EXPRESSIONS, MANIFESTATIONS, AND ITEMS</b>							
426	<b>Relationship designator</b>	element	role	-	non-literal	plain	n/a	RDA relationship designator
427	<b>Explanation of relationship</b>	element	role	-	non-literal	plain	n/a	n/a
428	<b>Numbering of part</b>	element	role	work	non-literal	plain	n/a	n/a
429	<b>Source consulted</b>	element	role?	-	non-literal	plain	n/a	n/a
430	<b>Cataloguer's note</b>	element	?	-	non-literal	plain	n/a	n/a
431	<b>RELATED WORKS</b>							
432	<b>Related work</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
433						typed	RDA preferred access point [work]	n/a
434						typed	n/s	n/a
435						plain	n/a	n/a
436	<b>RELATED EXPRESSIONS</b>							
437	<b>Related expression</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
438						typed	RDA preferred access point [expression]	n/a
439						typed	n/s	n/a
440						plain	n/a	n/a
441	<b>RELATED MANIFESTATIONS</b>							
442	<b>Related manifestation</b>	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
443						typed	n/s	n/a
444						plain	n/a	n/a
445	<b>RELATED ITEMS</b>							
446	<b>Related item</b>	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
447						typed	n/s	n/a
448						plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		<b>Classification</b>	<b>&lt;index&gt; attribute type</b>	<b>Domain</b>	<b>Value surrogate</b>	<b>Value string</b>	<b>Syntax encoding scheme</b>	<b>Vocabulary encoding scheme</b>
449	<b>RECORDING RELATIONSHIPS BETWEEN PERSONS, FAMILIES, AND CORPORATE BODIES</b>							
450	<b>Relationship designator</b>	element	role	-	non-literal	plain	n/a	RDA relationship designator
451	<b>Explanation of relationship</b>	element	role	-	non-literal	plain	n/a	n/a
452	<b>Source consulted</b>	element	role?	-	non-literal	plain	n/a	n/a
453	<b>Cataloguer's note</b>	element	?	-	non-literal	plain	n/a	n/a
454	<b>RELATED PERSONS</b>							
455	<b>Related person</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
456						typed	RDA preferred access point [person]	n/a
457	<b>RELATED FAMILIES</b>							
458	<b>Related family</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
459						typed	RDA preferred access point [family]	n/a
460	<b>RELATED CORPORATE BODIES</b>							
461	<b>Related corporate body</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
462						typed	RDA preferred access point [corporate body]	n/a
463	<b>RECORDING RELATIONSHIPS BETWEEN CONCEPTS, OBJECTS, EVENTS, AND PLACES</b>							
464	<b>Relationship designator</b>	element	role	-	non-literal	plain	n/a	RDA relationship designator
465	<b>Explanation of relationship</b>	element	role	-	non-literal	plain	n/a	n/a
466	<b>Source consulted</b>	element	role?	-	non-literal	plain	n/a	n/a
467	<b>Cataloguer's note</b>	element	?	-	non-literal	plain	n/a	n/a

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	A	B	C	D	E	F	G	H
1		Classification	<index> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
468	<b>RELATED CONCEPTS</b>							
469	<b>Related concept</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
470						typed	RDA preferred access point [person]	n/a
471	<b>RELATED OBJECTS</b>							
472	<b>Related object</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
473						typed	RDA preferred access point [family]	n/a
474	<b>RELATED EVENTS</b>							
475	<b>Related event</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
476						typed	RDA preferred access point [corporate body]	n/a
477	<b>RELATED PLACES</b>							
478	<b>Related place</b>	element	role	-	non-literal	typed	as specified for identifier	n/a
479						typed	RDA preferred access point [corporate body]	n/a