To: Joint Steering Committee for Development of RDA

From: Deirdre Kiorgaard, Chair, JSC

Subject: RDA Element analysis

                 Related document: 5JSC/RDA/Scope/Rev

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 <indecs> 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 <indecs> 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

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

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 most recent drafts of *RDA*.[3]

- 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 <indecs> 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).[4]

- 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.)

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[1] Godfrey Rust and Mark Bide, *The <indecs> metadata framework: principles, model and data dictionary* (June 2000)

[2] 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/>

[3] Elements for which there are new proposals currently under review by JSC, or for which structural changes have been proposed since the last draft of the relevant chapter of RDA was issued, are shaded. (The structures reflected for those elements are only tentative; they reflect what the Editor judges to be most consistent with the overall structure of RDA and with the DCMI Abstract Model, but are subject to review by JSC.)

[4] The classes of resources that serve as domains for the elements defined in Part A of *RDA* correspond to the group 1 entities defined in *FRBR*.

▪ Column H identifies the vocabulary encoding scheme specified for an element that is recorded using a non-literal value surrogate. (Vocabulary encoding 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 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.
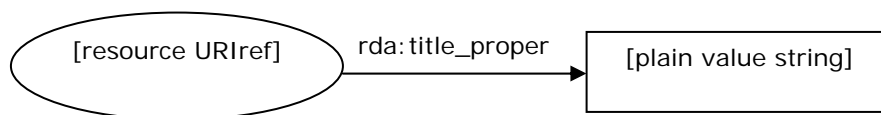
A *label* that consists of a composite string (e.g., a publication statement, a series statement, etc.) is encoded using a blank node to represent the aggregate label (i.e., the element), linked to *literal* value surrogates using either *plain* or *typed* value strings for each of the components of the label (i.e., each of the sub-elements).

```
    ┌──────────────────┐
    │ [resource URIref]│
    └──────────────────┘
              │                    rda:publisher        ┌──────────────────────┐
rda:publication_              _name                     │  [plain value string]│
  statement                                             └──────────────────────┘
              ↓
         ┌─────────┐         rda:place_of               ┌──────────────────────┐
         │         │──────── _publication ─────────────→│  [plain value string]│
         └─────────┘                                     └──────────────────────┘

                         rda:date_of                     ┌──────────────────────┐
                          _publication                   │  [plain value string]│
                                                          └──────────────────────┘
```
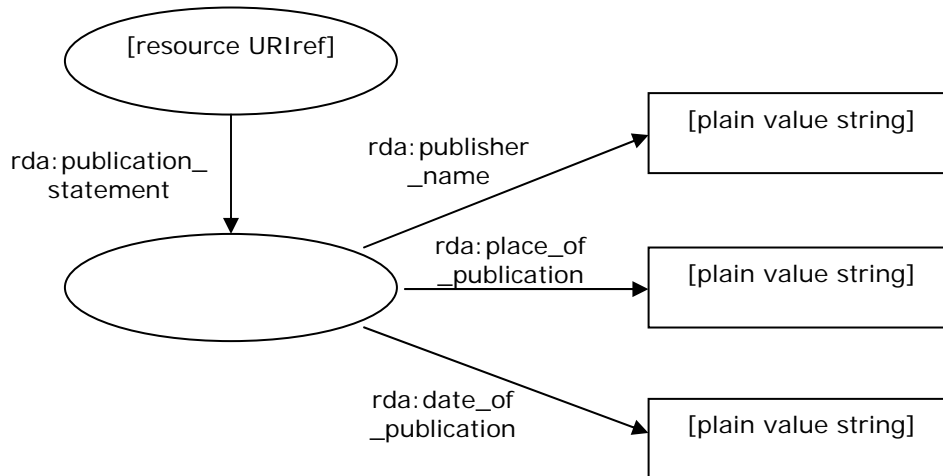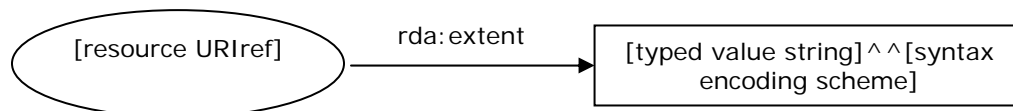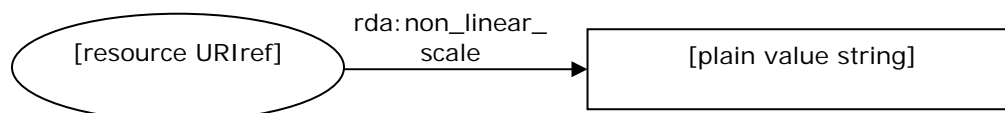
2.2 Quantities

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*.

```
  ┌──────────────────┐      rda:extent      ┌────────────────────────────────┐
  │ [resource URIref]│─────────────────────→│ [typed value string]^^[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., non-linear scale for cartographic content), the *quantity* is represented by a *non-literal* value surrogate using a *plain* value string.

```
  ┌──────────────────┐   rda:non_linear_    ┌────────────────────────────────┐
  │ [resource URIref]│───────scale─────────→│      [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*.

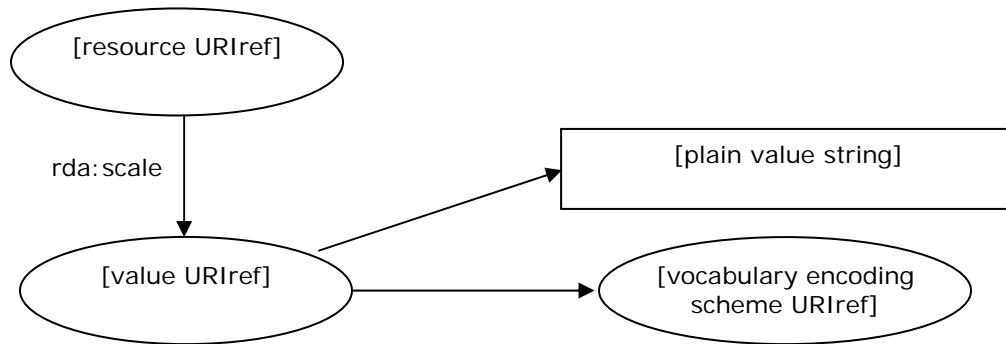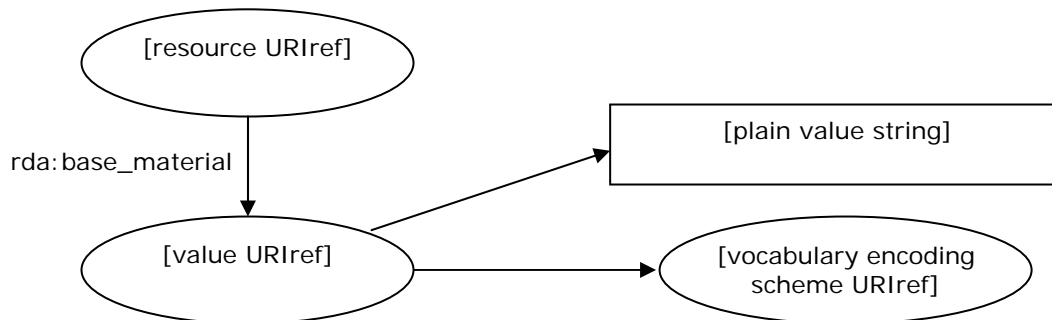The *vocabulary encoding scheme* associated with a quality is normally an RDA vocabulary encoding scheme (i.e., one that is specified within the RDA schema). However, RDA makes allowance for the use of terms from external vocabulary encoding schemes, provided the vocabulary encoding scheme that is used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

```
 _____                                    _____
(                )      rda:base_material           |                            |
(    [URIref]    )--------------------------------->|    [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).
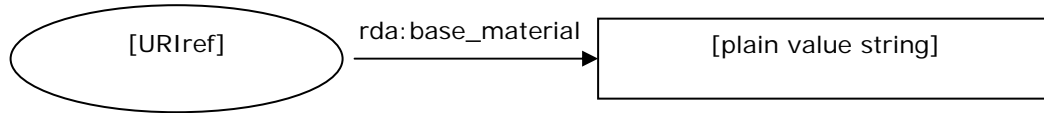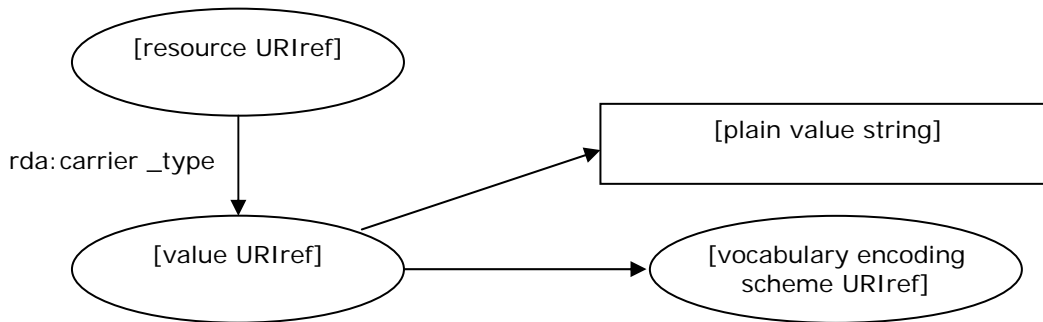
A *type* is represented by a *non-literal* value surrogate using a value URI reference that has an associated *plain* value string and *vocabulary encoding scheme*.

```
      _____
     (                      )
     (  [resource URIref]   )                     _____
     (                      )                    |                            |
      _____                     |    [plain value string]    |
              |                                   |_____|
rda:carrier _type                          _____/
              |                     _____/
              v                ____/
      _____  /                    _____
     (                      )/                    (                      )
     (   [value URIref]     )------------------>  ( [vocabulary encoding )
     (                      )                     (   scheme URIref]     )
      _____                       _____
```

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).[5]

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[5] 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).

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

a) by a *non-literal* value surrogate using a resource URI reference for the related resource
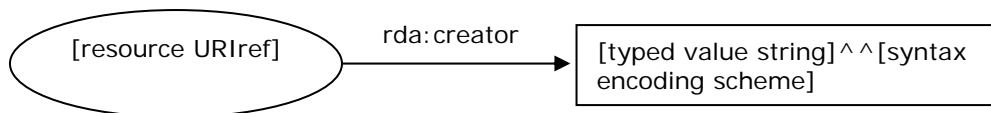
```
  (  [resource URIref]  ) ──rda:embodies──▶ (  [resource URIref]  )
```
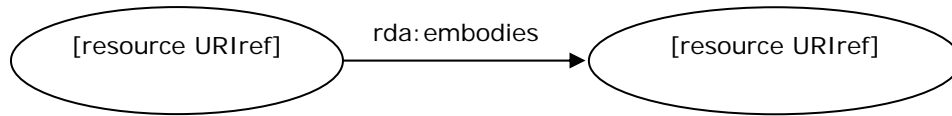
b) by a *non-literal* value surrogate using a *typed* value string formulated according to an RDA *syntax encoding scheme* for a controlled access point

```
  (  [resource URIref]  ) ──rda:creator──▶ [ [typed value string]^^[syntax encoding scheme] ]
```

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

```
  (  [resource URIref]  )
         │
         │ rda:equivalent_
         │ manifestation                          rda:title_proper
         ▼                              ┌──────────────────────▶ [ [plain value string] ]
  (              )──────────────────────┤  rda:publisher
                                        │  _name
                                        ├──────────────────────▶ [ [plain value string] ]
                                        │
                         rda:carrier_type│
                                        └──────────────────────▶ [ [typed value string]^^[syntax encoding scheme] ]
```
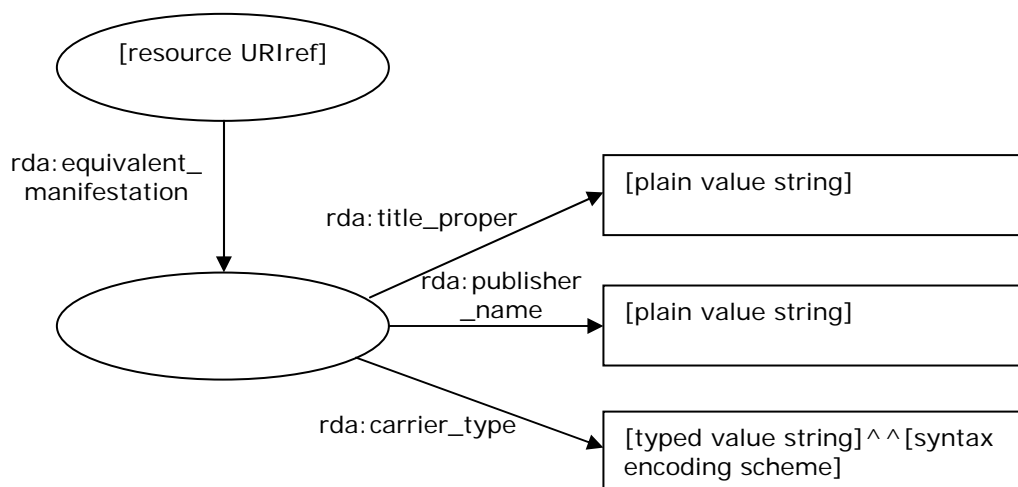
d) by a *non-literal* value surrogate using a *plain* value string to provide an unstructured description of the related resource
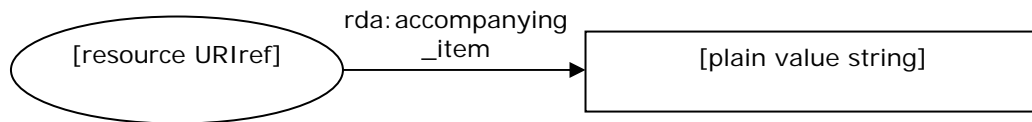
3. Outstanding issues

Assumptions

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

a) 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;

b) 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

c) 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). Such elements include the following: *resource identifier* and *preferred citation* (which may be associated with either a manifestation or an item); *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); *designation of role* (which may be associated with a person, family, or corporate body); *designation of relationship* (which may be associated with a work, expression, manifestation, or item); *other person, family, or corporate body associated with the content of a resource* (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 Annotations

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 *annotation*. In general, annotations are used to record information that falls outside the defined scope of the element that the annotation 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 an annotation 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 an annotation 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 an annotation is required in a particular instance. For example, if it is determined that a mechanism for linking an *annotation 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 an annotation was not required in that instance.

Further assessment is needed to determine whether the conventions for encoding annotations and the elements that may have an associated annotation in some instances need to be adjusted to permit a direct link between an annotation 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.

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<indecs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
2	**RESOURCE IDENTIFICATION**							
3	**Title**	element	label	manifestation	-	-	-	-
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	Alternative title	element sub-type	label	manifestation	literal	plain	n/a	n/a
7	Parallel alternative title	element sub-type	label	manifestation	literal	plain	n/a	n/a
8	Other title information	element sub-type	label	manifestation	literal	plain	n/a	n/a
9	Parallel other title information	element sub-type	label	manifestation	literal	plain	n/a	n/a
10	Variant title	element sub-type	label	manifestation	literal	plain	n/a	n/a
11	Earlier/later variant title	element sub-type	label	manifestation	literal	plain	n/a	n/a
12	Key title	element sub-type	label	manifestation	literal	plain	n/a	n/a
13	Abbreviated title	element sub-type	label	manifestation	literal	plain	n/a	n/a
14	Devised title	element sub-type	label	manifestation	literal	plain	n/a	n/a
15	**Statement of responsibility**	element	label	manifestation	-	-	-	-
16	Statement of responsibility relating to title	element sub-type	label	manifestation	literal	plain	n/a	n/a
17	Parallel statement of responsibility relating to title	element sub-type	label	manifestation	literal	plain	n/a	n/a
18	Statement of responsibility relating to the edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
19	Parallel statement of responsibility relating to the edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
20	Statement of responsibility relating to a named revision of an edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
21	Parallel statement of responsibility relating to a named revision of an edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
22	Statement of responsibility relating to series	element sub-type	label	manifestation	literal	plain	n/a	n/a
23	Parallel statement of responsibility relating to series	element sub-type	label	manifestation	literal	plain	n/a	n/a
24	Statement of responsibility relating to subseries	element sub-type	label	manifestation	literal	plain	n/a	n/a
25	Parallel statement of responsibility relating to subseries	element sub-type	label	manifestation	literal	plain	n/a	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<ind*e*cs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
26	**Edition statement**	element	label	manifestation	-	-	-	-
27	Statement designating edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
28	Parallel statement designating edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
29	Statement designating a named revision of an edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
30	Parallel statement designating a named revision of an edition	element sub-type	label	manifestation	literal	plain	n/a	n/a
31	**Numbering of serials**	element	label	manifestation	-	-	-	-
32	Numeric and/or alphbetic designation of first issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
33	Chronological designation of first issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
34	Numeric and/or alphbetic designation of last issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
35	Chronological designation of last issue or part	element sub-type	label	manifestation	literal	plain	n/a	n/a
36	Numeric and/or alphbetic designation of last issue or part of first sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
37	Chronological designation of last issue or part of first sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
38	Numeric and/or alphbetic designation of first issue or part of new sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
39	Chronological designation of first issue or part of new sequence	element sub-type	label	manifestation	literal	plain	n/a	n/a
40	**Production statement**	element	label	manifestation	-	-	-	-
41	*Place of production*	sub-element	label	manifestation	literal	plain	n/a	n/a
42	*Parallel place of production*	sub-element	label	manifestation	literal	plain	n/a	n/a
43	*Producer's name*	sub-element	label	manifestation	literal	plain	n/a	n/a
44	*Parallel producer's name*	sub-element	label	manifestation	literal	plain	n/a	n/a
45	*Date of production*	sub-element	label	manifestation	literal	plain	n/a	n/a
46	**Publication statement**	element	label	manifestation	-	-	-	-
47	*Place of publication*	sub-element	label	manifestation	literal	plain	n/a	n/a
48	*Parallel place of publication*	sub-element	label	manifestation	literal	plain	n/a	n/a
49	*Publisher's name*	sub-element	label	manifestation	literal	plain	n/a	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<ind*e*cs> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
50	*Parallel publisher's name*	sub-element	label	manifestation	literal	plain	n/a	n/a
51	*Date of publication*	sub-element	label	manifestation	literal	plain	n/a	n/a
52	**Distribution statement**	element	label	manifestation	-	-	-	-
53	*Place of distribution*	sub-element	label	manifestation	literal	plain	n/a	n/a
54	*Parallel place of distribution*	sub-element	label	manifestation	literal	plain	n/a	n/a
55	*Distributor's name*	sub-element	label	manifestation	literal	plain	n/a	n/a
56	*Parallel distributor's name*	sub-element	label	manifestation	literal	plain	n/a	n/a
57	*Date of distribution*	sub-element	label	manifestation	literal	plain	n/a	n/a
58	**Series statement**	element	label	manifestation	-	-	-	-
59	*Title proper of series*	sub-element	label	manifestation	literal	plain	n/a	n/a
60	*Parallel title of series*	sub-element	label	manifestation	literal	plain	n/a	n/a
61	*Other title information of series*	sub-element	label	manifestation	literal	plain	n/a	n/a
62	*Parallel other title information of series*	sub-element	label	manifestation	literal	plain	n/a	n/a
63	*ISSN of series*	sub-element	label	manifestation	literal	typed	ISO 3297	n/a
64	*Numbering within series*	sub-element	label	manifestation	literal	plain	n/a	n/a
65	*Title proper of subseries*	sub-element	label	manifestation	literal	plain	n/a	n/a
66	*Parallel title of subseries*	sub-element	label	manifestation	literal	plain	n/a	n/a
67	*Other title information of subseries*	sub-element	label	manifestation	literal	plain	n/a	n/a
68	*Parallel other title information of subseries*	sub-element	label	manifestation	literal	plain	n/a	n/a
69	*ISSN of subseries*	sub-element	label	manifestation	literal	typed	ISO 3297	n/a
70	*Numbering within subseries*	sub-element	label	manifestation	literal	plain	n/a	n/a
71	**Mode of issuance**	element	type	manifestation	non-literal	plain	n/a	RDA mode of issuance
72	**Frequency**	element	quality	manifestation	non-literal	plain	n/a	RDA frequency
73						plain	n/a	n/a
74	**Resource identifier**	element	label	-	-	-	-	-
75	Resource identifier (general)	element sub-type	label	-	literal	typed	as specified for identifier (if applicable)	n/a
76						typed	RDA resource identifier	n/a
77	Publisher's number for music	element sub-type	label	manifestation	literal	plain	n/a	n/a
78	Plate number for music	element sub-type	label	manifestation	literal	plain	n/a	n/a
79	**Preferred citation**	element	label	-	literal	plain	n/a	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<in*d*ecs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
80	**Custodial history**	element	role	item	non-literal	plain	n/a	n/s
81	**Immediate source of acquisition**	element	role	item	non-literal	plain	n/a	n/s
82	**Annotation**	element	-	manifestation	-	-	-	-
83	Annotation on title	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
84	Annotation on statement of responsibility	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
85	Annotation on edition statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
86	Annotation on numbering of serials	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
87	Annotation on production statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
88	Annotation on publication statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
89	Annotation on distribution statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
90	Annotation on series statement	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
91	Annotation on frequency	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
92	Annotation on basis for the description	element sub-type	quality?	manifestation	literal?	plain	n/a	n/a
93	**CARRIER**							
94	**Media type**	element	type	manifestation	non-literal	plain	n/a	RDA media type
95	**Carrier type**	element	type	manifestation	non-literal	plain	n/a	RDA carrier type
96	**Extent**	element	quantity	-	-	-	-	-
97	Exent (general)	element sub-type	quantity	-	non-literal	typed	RDA extent	n/a
98	Extent of cartographic resource	element sub-type	quantity	-	non-literal	typed	RDA extent of cartographic resources	n/a
99	Extent of notated music	element sub-type	quantity	-	non-literal	typed	RDA extent of notated music	n/a
100	Extent of still image	element sub-type	quantity	-	non-literal	typed	RDA extent of still images	n/a
101	Extent of text	element sub-type	quantity	-	non-literal	typed	RDA extent of text	n/a
102	Extent of three-dimensional form	element sub-type	quantity	-	non-literal	typed	RDA extent	n/a
103	**Dimensions**	element	quantity	-	-	-	-	-

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<in*d*ecs> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
104	Dimensions (general)	element sub-type	quantity	-	non-literal	typed	RDA dimensions	n/a
105	Dimensions of map, etc.	element sub-type	quantity	-	non-literal	typed	RDA dimensions of maps, etc.	n/a
106	Dimensions of still image	element sub-type	quantity	-	non-literal	typed	RDA dimensions of still images	n/a
107	**Base material**	element	quality	manifestation	-	-	-	-
108	Base material (general)	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA base material
109						plain	n/a	n/a
110	Base material for microfilm, microfiche, and motion picture film	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA base material (microfilm, microfiche, and motion picture film)
111						plain	n/a	n/a
112	**Applied material**	element	quality	manifestation	-	-	-	-
113	Applied material (general)	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA applied material
114						plain	n/a	n/a
115	Emulsion on microfilm and microfiche	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA emulsion (microfilm and microfiche)
116						plain	n/a	n/a
117	**Mount**	element	quality	manifestation	non-literal	plain	n/a	RDA base material
118						plain	n/a	n/a
119	**Production method**	element	quality	manifestation	-	-	-	-
120	Production method (general)	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA production method
121						plain	n/a	n/a
122	Production method for manuscripts	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA production method (manuscripts)

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<in*d*ecs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
123						plain	n/a	n/a
124	Production method for tactile resources	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA production method (tactile resources)
125						plain	n/a	n/a
126	**Generation**	element	quality	manifestation	-	-	-	-
127	Generation of audio recording	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (audio recordings)
128						plain	n/a	n/a
129	Generation of digital resource	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (digital resources)
130						plain	n/a	n/a
131	Generation of microform	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (microforms)
132						plain	n/a	n/a
133	Generation of motion picture film	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (motion picture films)
134						plain	n/a	n/a
135	Generation of videotape	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA generation (videotapes)
136						plain	n/a	n/a
137	**Layout**	element	quality	manifestation	-	-	-	-
138	Layout (general)	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA layout
139	Layout of map, etc.	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA layout of maps, etc.
140						plain	n/a	n/a
141	Layout of tactile music	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA layout (tactile music)
142						plain	n/a	n/a
143	Layout of tactile text	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA layout (tactile text)
144						plain	n/a	n/a
145	**Colour**	element	quality	manifestation	-	-	-	-
146	Colour (general)	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA colour

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<in*d*ecs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
147						plain	n/a	n/a
148	Colour of still image	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA colour (still images)
149						plain	n/a	n/a
150	Colour of moving images	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA colour (moving images)
151						plain	n/a	n/a
152	Colour of three-dimensional form	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA colour (three-dimensional forms)
153						plain	n/a	n/a
154	Colour of resource designed for persons with visual impairments	element sub-type	quality	manifestation	non-literal	plain	n/a	n/a
155	**Foliation**	element	quality	manifestation	non-literal	plain	n/a	RDA foliation
156						plain	n/a	n/a
157	**Font size**	element	quality	manifestation	non-literal	plain	n/a	RDA font size
158						plain	n/a	n/a
159	**Polarity**	element	quality	manifestation	non-literal	plain	n/a	RDA polarity
160						plain	n/a	n/a
161	**Reduction ratio**	element	quality	manifestation	non-literal	plain	n/a	RDA reduction ratio
162						plain	n/a	n/a
163	**Sound characteristics**	element	quality	manifestation	-	-	-	-
164	Presence of sound	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA sound characteristics
165						plain	n/a	n/a
166	Type of recording	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA type of recording
167						plain	n/a	n/a
168	Playing speed	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA playing speed
169						plain	n/a	n/a
170	Groove characteristic	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA groove characteristic
171						plain	n/a	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<in*d*ecs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
172	Track configuration	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA track configuration
173						plain	n/a	n/a
174	Tape configuration	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA tape configuration
175						plain	n/a	n/a
176	Configuration of playback channels	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA configuration of playback channels
177						plain	n/a	n/a
178	Special playback characteristics	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA special playback characteristics
179						plain	n/a	n/a
180	**Projection characteristics**	element	quality	manifestation	-	-	-	-
181	Presentation format	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA presentation format
182						plain	n/a	n/a
183	Projection speed	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA projection speed
184						plain	n/a	n/a
185	**Video characteristics**	element	quality	manifestation	-	-	-	-
186	Video format	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA video format
187						plain	n/a	n/a
188	Broadcast standard	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA broadcast standard
189						plain	n/a	n/a
190	**Digital file characteristics**	element	quality	manifestation	-	-	-	-
191	File type	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA file type
192						plain	n/a	n/a
193	Encoding format	element sub-type	quality	manifestation	non-literal	plain	n/a	RDA encoding format
194						plain	n/a	n/a
195	File size	element sub-type	quantity	manifestation	literal	typed	RDA file size	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<in*d*ecs> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
196	Transmission speed	element sub-type	quantity	manifestation	literal	typed	RDA transmission speed	n/a
197	Representation of cartographic images	element sub-type	quality	manifestation	-	-	-	-
198	*Data type*	sub-element	quality	manifestation	non-literal	plain	n/a	RDA data type
199	*Object type*	sub-element	quality	manifestation	non-literal	plain	n/a	RDA object type
200	*Number of objects*	sub-element	quantity	manifestation	non-literal	typed	RDA number of objects	n/a
201	**Equipment and system requirements**	element	role	manifestation	non-literal	plain	n/a	n/a
202	**Item-specific carrier characteristics**	element	quality	item	-	-	-	-
203	Item-specific carrier characteristics (general)	element sub-type	quality	item	non-literal	plain	n/a	n/a
204	Item-specific carrier characteristics of early printed resources	element sub-type	quality	item	non-literal	plain	n/a	n/a
205	**Place and date of finding**	element	role	item	-	-	-	-
206	*Place of finding*	sub-element	role	item	non-literal	plain	n/a	n/a
207	*Date of finding*	sub-element	role	item	non-literal	plain	n/a	n/a
208	**Annotation**	element	-	-	-	-	-	-
209	Annotation on extent of manifestation	element sub-type	quantity / quality	-	literal?	plain	n/a	n/a
210	Annotation on dimensions of manifestation	element sub-type	quantity / quality	-	literal?	plain	n/a	n/a
211	Annotation on changes in carrier characteristics	element sub-type	quality	-	literal?	plain	n/a	n/a
212	Annotation on extent of item	element sub-type	quantity / quality	-	literal?	plain	n/a	n/a
213	Annotation on dimensions of item	element sub-type	quantity / quality	-	literal?	plain	n/a	n/a
214	Annotation on finding	element sub-type	role?	-	literal?	plain	n/a	n/a
215	**CONTENT**							
216	**Content type**	element	type	expression	non-literal	plain	n/a	RDA content type

	A	B	C	D	E	F	G	H
1	RDA element	Classification	<ind*e*cs> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
217	**Nature of the content**	element	quality	work	non-literal	plain	n/a	RDA nature of work?
218						plain	n/a	n/a
219	**Coverage of the content**	element	quality	work	non-literal	plain	n/a	RDA geographical coverage? / RDA chronological coverage?
220						plain	n/a	n/a
221	**Intended audience**	element	quality	work	non-literal	plain	n/a	RDA intended audience?
222					literal	plain	n/a	n/a
223	**Summarization of the content**	element	quality	work	non-literal	plain	n/a	n/a
224	**System of arrangement**	element	quality	work?	non-literal	plain	n/a	n/a
225	**Dissertation**	element	role	work	-	-	-	-
226	*Degree*	sub-element	role	work	non-literal	plain	n/a	n/a
227	*Institution*	sub-element	role	work	non-literal	plain	n/a	n/a
228	*Year degree granted*	sub-element	role	work	non-literal	plain	n/a	n/a
229	**Place and date of capture**	element	role	expression	-	-	-	-
230	*Place of capture*	sub-element	role	expression	non-literal	plain	n/a	n/a
231	*Date of capture*	sub-element	role	expression	non-literal	plain	n/a	n/a
232	**Language of the content**	element	quality	expression	non-literal	plain	n/a	n/s
233	**Notational system**	element	quality	expression	-	-	-	-
234	Script	element sub-type	quality	expression	non-literal	plain	n/a	n/s
235	Music notation system	element sub-type	quality	expression	non-literal	plain	n/a	n/s
236	Tactile system of notation	element sub-type	quality	expression	non-literal	plain	n/a	RDA tactile system of notation
237						plain	n/a	n/a
238	**Illustrative content**	element	quality	expression	non-literal	plain	n/a	RDA illustrative content
239						plain	n/a	n/a
240	**Format of notated music**	element	label	expression	literal	plain	n/a	n/a
241	**Medium of performance of musical content**	element	quality	expression	non-literal	plain	n/a	n/s
242						plain	n/a	n/a
243	**Duration**	element	quantity	expression	non-literal	plain	n/a	n/a

RDA Element Analysis

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<in*d*ecs> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
244	**Scale**	element	quantity	expression	-	-	-	-
245	Scale of still image or three-dimensional form	element sub-type	quantity	expression	non-literal	typed	RDA scale (still image or three-dimensional form)	n/a
246	Scale of cartographic content	element sub-type	quantity	expression	non-literal	typed	RDA scale (cartographic content)	n/a
247						plain	n/a	RDA content not drawn to scale (cartographic content)
248	Additional scale information [cartographic content]	element sub-type	quantity / quality	expression	non-literal	plain	n/a	n/a
249	Variations in scale [cartographic content]	element sub-type	quantity / quality	expression	non-literal	typed	RDA variations in scale (cartographic content)	n/a
250						plain	n/a	RDA variations in scale (cartographic content)
251	Non-linear scale [cartographic content]	element sub-type	quantity / quality	expression	non-literal	plain	n/a	RDA non-linear scale (cartographic content)
252						plain	n/a	n/a
253	Vertical scale [cartographic content]	element sub-type	quantity	expression	non-literal	typed	RDA vertical scale (cartographic content)	n/a
254	**Projection of cartographic content**	element	label	expression	literal	plain	n/a	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<in*d*ecs> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
255	**Coordinates of cartographic content**	element	quantity	work?	-	-	-	-
256	Longitude and latitude	element sub-type	quantity	work?	non-literal	typed	RDA longitude and latitude	n/a
257	Strings of coordinate pairs	element sub-type	quantity	work?	non-literal	typed	RDA strings of coordinate pairs	n/a
258	Ascension and declination	element sub-type	quantity	work?	non-literal	typed	RDA ascension and declination	n/a
259	**Equinox**	element	quantity	work?	non-literal	typed	RDA equinox	n/a
260	**Epoch**	element	quantity	work?	non-literal	typed?	RDA epoch?	n/a
261	**Magnitude of cartographic content**	element	quantity	expression	non-literal	plain	n/a	n/a
262	**Other details of cartographic content**	element	quantity / quality	expression	non-literal	plain	n/a	n/a
263	Other mathematical data	element sub-type	quantity	expression	non-literal	plain	n/a	n/a
264	Other features of cartographic content	element sub-type	quality	expression	non-literal	plain	n/a	n/a
265	**Awards**	element	quality?	expression	non-literal	plain	n/a	n/a
266	**Annotation**	element	-	expression?	-	-	-	-
267	Annotation on capture	element sub-type	role?	expression?	literal?	plain	n/a	n/a
268	**ACQUISITION AND ACCESS**							
269	**Terms of availability**	element	quantity / quality	manifestation	non-literal	plain	n/a	n/a
270	**Contact information**	element	role?	-	non-literal	plain	n/a	n/a
271	**Restrictions on access**	element	quality	-	non-literal	plain	n/a	n/a
272	**Restrictions on use**	element	quality	-	non-literal	plain	n/a	n/a
273	**Appraisal and accrual**	element	quality	item	non-literal	plain	n/a	n/a
274	**PERSONS, FAMILIES, AND CORPORATE BODIES ASSOCIATED WITH A RESOURCE**							
275	**Designation of role**	element	role	-	non-literal	plain	n/a	RDA designation of role

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<in*d*ecs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
276	*Access points for persons, families, or corporate bodies associated with the work*							
277	**Creator**	element	role	work	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
278	**Originating body**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
279	**Person, family, or corporate body to whom the work has been dubiously or erroneously attributed**	element	role	work	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
280	**Other person, family, or corporate body associated with the work**	element	role	work	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
281	*Access points for other persons, families, or corporate bodies associated with the expression*							
282	**Contributor**	element	role	expression	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
283	*Access points for persons, families, or corporate bodies associated with the manifestation*							
284	**Producer**	element	role	manifestation	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<*indecs*\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
285	**Publisher**	element	role	manifestation	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
286	**Distributor**	element	role	manifestation	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
287	*Access points for persons, families, or corporate bodies associated with the item*							
288	**Owner**	element	role	item	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
289	**Custodian**	element	role	item	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
290	**Finder**	element	role	item	non-literal	typed	RDA controlled access point [person / family / corporate body]	n/a
291	*Access points for persons, families, or corporate bodies associated with legal works*							
292	**Jurisdiction governed**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a

	A	B	C	D	E	F	G	H
1	RDA element	Classification	<in*d*ecs> attribute type	Domain	Value surrogate	Value string	Syntax encoding scheme	Vocabulary encoding scheme
293	**Enacting jurisdiction**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
294	**Head of state, chief executive, or ruling executive body**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
295	**Legislative body**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
296	**Issuing agency or agent**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
297	**Promulgating agency or agent**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
298	**Court governed**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
299	**Body governed**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
300	**Issuing jurisdiction**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
301	**Signatory to a treaty, etc.**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<in*d*ecs> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
302	**International conference resulting in a treaty, etc.**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
303	**Court, tribunal, etc.**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
304	**Reporter [of court proceedings]**	element	role	work	non-literal	typed	RDA controlled access point [person]	n/a
305	**Person or corporate body prosecuted**	element	role	work	non-literal	typed	RDA controlled access point [person / corporate body]	n/a
306	**Person or corporate body indicted**	element	role	work	non-literal	typed	RDA controlled access point [person / corporate body]	n/a
307	**Person or corporate body bringing the action**	element	role	work	non-literal	typed	RDA controlled access point [person / corporate body]	n/a
308	**Person or corporate body on the opposing side**	element	role	work	non-literal	typed	RDA controlled access point [person / corporate body]	n/a
309	**Judge**	element	role	work	non-literal	typed	RDA controlled access point [person]	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<*indecs*\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
310	**Party to a case**	element	role	work	non-literal	typed	RDA controlled access point [person / corporate body]	n/a
311	**Lawyer representing a party**	element	role	work	non-literal	typed	RDA controlled access point [person]	n/a
312	*Access points for persons and corporate bodies associated with religious works*							
313	**Person associated with the sacred scripture**	element	role	work	non-literal	typed	RDA controlled access point [person]	n/a
314	**Harmonizer**	element	role	work	non-literal	typed	RDA controlled access point [person]	n/a
315	**Denominational body associated with the creed, etc.**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
316	**Person associated with the creed, etc.**	element	role	work	non-literal	typed	RDA controlled access point [person]	n/a
317	**Church or denominational body associated with the liturgical work**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
318	**Body within the church, etc., associated with the liturgical work**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a
319	*Access points for persons and corporate bodies associated with official communications*							
320	**Corporate access point for official issuing the communication**	element	role	work	non-literal	typed	RDA controlled access point [corporate body]	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<ind*ecs*> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
321	**Personal access point for the person issuing the communication**	element	role	work	non-literal	typed	RDA controlled access point [person]	n/a
322	**RELATED RESOURCES**							
323	**Designation of relationship**	element	role	-	non-literal	plain	n/a	RDA designation of relationship
324	*Relationship between a work and an expression of the work*							
325	**Expressed as**	element	role	work	non-literal	typed	as specified for identifier	n/a
326						typed	RDA controlled access point [expression]	n/a
327						plain	n/a	n/a
328	**Expresses**	element	role	expression	non-literal	typed	as specified for identifier	n/a
329						typed	RDA controlled access point [work]	n/a
330						plain	n/a	n/a
331	*Relationship between a manifestation and a work or expression embodied in the manifestation*							
332	**Manifested as**	element	role	-	non-literal	typed	as specified for identifier	n/a
333						plain	n/a	n/a
334	**Manifests**	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
335						typed	RDA controlled access point [work / expression]	n/a
336						plain	n/a	n/a
337	*Relationship between an item and a manifestation exemplified by the item*							
338	**Exemplified by**	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
339						plain	n/a	n/a
340	**Exemplifies**	element	role	item	non-literal	typed	as specified for identifier	

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<in*d*ecs> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
341						plain	n/a	n/a
342	*Equivalence relationships*							
343	**Equivalent manisfestation**	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
344						typed	RDA controlled access point [manifestation]	n/a
345						typed	n/s	n/a
346						plain	n/a	n/a
347	**Equivalent item**	element	role	manifestation	non-literal	typed	as specified for identifier	n/a
348						typed	RDA controlled access point [item]	n/a
349						typed	n/s	n/a
350						plain	n/a	n/a
351	*Derivative relationships*							
352	**Source work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
353						typed	RDA controlled access point [work / expression]	n/a
354						typed	n/s	n/a
355						plain	n/a	n/a
356	**Derivative work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
357						typed	RDA controlled access point [work / expression]	n/a
358						typed	n/s	n/a
359						plain	n/a	n/a
360	*Descriptive relationships*							
361	**Described entity**	element	role	-	non-literal	typed	as specified for identifier	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**<ind*ecs*> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
362						typed	RDA controlled access point [work / expression / manifestation / item]	n/a
363						typed	n/s	n/a
364						plain	n/a	n/a
365	**Describing work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
366						typed	RDA controlled access point [work / expression]	n/a
367						typed	n/s	n/a
368						plain	n/a	n/a
369	*Whole-part relationships*							
370	**Whole work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
371						typed	RDA controlled access point [work / expression]	n/a
372						typed	n/s	n/a
373						plain	n/a	n/a
374	**Part of work (or expression)**	element	role	-	4	typed	as specified for identifier	n/a
375						typed	RDA controlled access point [work / expression]	n/a
376						typed	n/s	n/a
377						plain	n/a	n/a
378	**Whole manifestation (or item)**	element	role	-	non-literal	typed	as specified for identifier	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<in*d*ecs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
379						typed	RDA controlled access point [manifestation / item]	n/a
380						typed	n/s	n/a
381						plain	n/a	n/a
382	**Part of manifestation (or item)**	element	role	-	non-literal	typed	as specified for identifier	n/a
383						typed	RDA controlled access point [manifestation / item]	n/a
384						typed	n/s	n/a
385						plain	n/a	n/a
386	*Accompanying relationships*							
387	**Augmenting work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
388						typed	RDA controlled access point [work / expression]	n/a
389						typed	n/s	n/a
390						plain	n/a	n/a
391	**Primary work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
392						typed	RDA controlled access point [work / expression]	n/a
393						typed	n/s	n/a
394						plain	n/a	n/a
395	**Complementary work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
396						typed	RDA controlled access point [work / expression]	n/a

	A	B	C	D	E	F	G	H
1	**RDA element**	**Classification**	**\<ind*e*cs\> attribute type**	**Domain**	**Value surrogate**	**Value string**	**Syntax encoding scheme**	**Vocabulary encoding scheme**
397						typed	n/s	n/a
398						plain	n/a	n/a
399	**Accompanying manifestation (or item)**	element	role	-	non-literal	typed	as specified for identifier	n/a
400						typed	RDA controlled access point [manifestation / item]	n/a
401						typed	n/s	n/a
402						plain	n/a	n/a
403	*Sequential relationships*							
404	**Preceding work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
405						typed	RDA controlled access point [work / expression]	n/a
406						typed	n/s	n/a
407						plain	n/a	n/a
408	**Succeeding work (or expression)**	element	role	-	non-literal	typed	as specified for identifier	n/a
409						typed	RDA controlled access point [work / expression]	n/a
410						typed	n/s	n/a
411						plain	n/a	n/a