To: **Joint Steering Committee for Development of RDA**

From: **Alan Danskin, British Library Representative**

Subject: **Simplification of RDA 2.7-2.10. Follow up**

Related Documents

6JSC/BL rep/1 [*Simplification of RDA 2.7-2.10*]

6JSC/ALA/Discussion/4 *[Transcription issues associated with the Production Statement (RDA 2.7]*

6JSC/ALA/29 *[Clarifying core element status for "not identified" elements in the Distribution and Manufacture Statements (RDA 2.9 and 2.10]*

6JSC/CCC/15 *[Add instructions to supply terms indicating the function recorded under the optional addition provisions at 2.7.4.4, 2.8.4.4, 2.9.4.4 or 2.10.4.4, in a language and script preferred by the cataloguing agency]*

6JSC/BL/26 *[2.7 Production Statement: changing method of recording]*

CONTENTS

1 Abstract

The paper reviews and follows up the discussions on Production, Publication, Distribution and Manufacture Statements (PPDMS) at 2015 JSC Meeting. The paper develops the arguments around simplification for PPDM Statements into an alternative approach based on elements, relationships and transcription of statements.

The paper proposes the following change arising from actions assigned at November 2014 JSC Meeting:

- Deletion of the optional addition of statement of function from 2.7.4.4, 2.8.4.4, 2.9.4.4, 2.10.4.4

The more substantive Revision of 2.7 Production Statement to change the preferred source to any source and the method of recording from "transcribe" to "record" has been put forward as a separate proposal (see 6JSC/BL/26).

The implications of changing the method of recording dates (2.8.6 Date of Publication , 2.9.6 Date of Distribution, 2.10.6 Date of Manufacture and 2.11 Copyright Date have been review, but it is recommended that action is deferred in accordance with the JSC working principle.

Proposals for more extensive changes dependent on FR consolidation are developed in appendices to the paper: Appendix A outlines the structure for accommodating Place and Timespan as entities. Appendix B (isseus as a

separate document) proposes an alternative approach to PPDM. Recommendations include: relegation of aggregate statements to application profiles; introduction of Colophon and Imprint elements; definition of elements to record data as attributes or relationships and sufficient flexibility to transcribe or record data according to user needs and the type of resource.

2   Justification

The following actions were assigned to JSC constituencies in response to discussions on 2.7 Production Statement, 2.8 Publication Statement, 2.9 Distribution Statement and 2.10 Manufacture Statement (PPDMS).

6JSC/BL rep/1 *Simplification of 2.7-2.10*

> The JSC discussed the questions in the paper and noted that it may be beneficial to keep Production (2.7) separate. The JSC asked BL to prepare a proposal for 2015 that would look at how to simplify the instructions at 2.8-2.10 and also include 2.11 and issues raised in 6JSC/CCC/15

6JSC/ALA/Discussion/4 *Transcription issues associated with the Production Statement (RDA 2.7)*

> The JSC asked ALA to prepare a proposal for 2015 to rework instructions for unpublished resources into self-describing and non-self-describing. The JSC also asked ALA to look at a subset of "record" instructions and make general suggestions that can be added to the outcomes of the Technical WG task to investigate the composition of relationship data.

ALA subsequently requested the BL to include 2.7 in its proposal. For clarity, this has been issued as a separate paper 6JSC/BL/25.

6JSC/CCC/15 *Add instructions to supply terms indicating the function recorded under the optional addition provisions at 2.7.4.4, 2.8.4.4, 2.9.4.4 or 2.10.4.4, in a language and script preferred by the cataloguing agency*

> After discussing the proposal, the JSC decided that Alan Danskin should incorporate issues raised in the CCC proposal in the work resulting from 6JSC/BL rep/1. Dave Reser will submit Fast Track entries for wording changes in RDA 1.4 suggested in the LC response. [After the meeting, the JSC approved the changes to RDA 1.4; the revised wording appeared in the Feb. 2015 version of RDA Toolkit.]

This paper is a follow up to all of these actions. It develops the ideas presented in 6JSC/BL rep/1, in light of constituency responses and related papers, taking into account outcomes of the November 2014 JSC meeting. It also takes into account the proposals by Riva and Zumer for consolidation of the FR models presented in, *Introducing the FRBR library reference model*.

3   Issues requiring resolution

6JSC/BL rep/1 illustrated two different scenarios for simplification of PPDMS: Scenario A proposed stripping the sub-elements from the statements 2.7-.2.10; Scenario B additionally proposed deprecation of separate PPDMS statements in favour of a single element, provisionally designated as, "Issuance Statement". The table below summarises constituency responses to these options

Constituency	Scenario	Comment
ACOC	A	Maintain separate elements

Constituency	Scenario	Comment
ALA	A	Rare books community preferred B
CCC	Neither	Granularity vital and valuable in supporting user tasks but acknowledges the potential of B if Place and Timespan treated as related entities.
CILIP	B	
DNB	Neither	Disagree with whole approach
LC	Neither	A is preferred to B, but neither is regarded as an improvement

Concern was expressed by several constituencies that the simplified instructions would be insufficient to support user tasks. Specific concerns were expressed regarding representation of different sources of information and loss of granularity.

This feedback and discussion has been included in development of an alternative model, which is illustrated in Appendix B.

Its key features are:

1) Removal of aggregate statements from the element analysis table and RDA instructions.
2) Introduction of Colophon and Imprint elements for transcription of complete statements
3) Generic instructions to record elements for Place, Name and Date associated with the manifestation.
4) Place and Timespan entities

These features are discussed in more detail in 3.1-3.4 below.

3.1   Aggregate Elements
PPDM Statements are aggregate elements constructed by recording sub-elements for Place, Name and Date in a prescribed order. The order of elements and other constraints on statements are primarily driven by consideration of how the data should be displayed. This contradicts general principles of RDA and also creates complex elements. It is therefore proposed to move the instructions for aggregating elements to application profiles. This is consistent with RDA principles and provides flexibility to support different user tasks, international practitioner communities, and different citation conventions.

3.2   Colophon and Imprint
The capability to transcribe information about the production, publication, distribution and manufacture of a resource enables users to identify manifestations. This is particularly important for rare and early printed materials. Separating the statement into discrete elements is not always consistent with principles of transcription.   It is proposed to define new elements to accommodate complete transcribed statements: Colophon, for unpublished resources and Imprint for published resources.

3.3   Elements
Deprecating the aggregate elements 2.7 Production Statement, 2.8 Publication Statement, 2.9 Distribution Statement and 2.10 Manufacture Statement "orphans" the sub-elements for Place, Name and Date. An alternative structure for arranging these as elements is proposed in Appendix B.   The alternative structure aims

for consistency with current practice at the element level. This retains the granularity of the element set and eliminates some redundancy from the guidance.

3.4   Place and Timespan entities

6JSC/BL rep/1 proposed options for recording controlled information about places and dates as elements in Chapter 2 or as relationships to entities in new Chapters. JSC was not in favour of defining new attributes in Chapter 2. This option has not been further developed, existing attributes will be retained in Chapter 2, but a model for recording relationships is outlined in Appendix A.

6JSC/BL rep/1 proposed the inclusion of unconstrained entities for Place and Timespan in RDA and made some suggestions for how these might be incorporated. The recently published paper *Introducing the FRBR Library Reference Model* (Riva & Zumer, 2015), recommends definition of Place and Time-Span entities in consolidated FRBR and these are included in the approach outlined in Appendix A.

3.5   Transcription of Dates of Publication, Distribution and Manufacture

3.5.1   Background

6JSC/BL rep/1 proposed the transcription of dates of Production, Publication, Distribution and Manufacture for consistency with the other sub elements. JSC accepted the arguments put forward by ALA (see 6JSC/ALA/Discussion/4) that 2.7 Date of Production should be recorded not transcribed and this is proposed in 6JSC/BL/26.

This section therefore considers the impacts, risks and benefits of changing the method of recording dates from "record" to "transcribe". Date is the only sub-element of the PPDM statements that RDA does not require to be transcribed. The basic instructions on how to record dates go back at least to AACR. The RDA element analysis interprets the current instructions as a Syntax Encoding Schema (SES) meaning that the literal Value Surrogates are "typed". The SES is not (yet) formally defined.

3.5.2   Comparison

Transcribing the date of publication may change what has to be recorded. The table below compares the outputs of different methods, using examples from RDA.

Example	Data [Context]
2.8.6.3/Block 1/1	Recording Date of Publication
Source	1975
Recorded as	1975
Transcribe as:	1975
2.8.6.3/Block 1/3	Recording Date of Publication
Source	MDCCXXXIII
Recorded as	1733
Transcribed as	MDCCXXXIII
2.8.6.3/OA/Block 1/3	Dates not in Julian/Gregorian Calendars
Source	5730
Recorded as	5730 [1969 or 1970]
Transcribed as	5730
2.8.6.3/OA/Block 2/2	Dates in different calendars

Example	Data [Context]
Source	1377 H.Sh. 1419 H.Q.
Recorded as	1377 H.Sh. 1419 H.Q.
Transcribed as	1377 H.Sh. 1419 H.Q.
2.8.6.5/Block 1/	Multipart monographs, serials, and integrating resources
Source	1988
Recorded as	1988-
If transcribed:	1988
2.8.6.5/Block 2/	Multipart monographs, serials, and integrating resources (ceased or complete)
Source	1968 [date of first issue] 1973 [date of second issue]
Recorded as	1968-1973
If transcribed:	1963-1973 [invoking 1.7.3 to add punctuation for clarity]
2.8.6.5/Block 4	Multipart monographs, serials, and integrating resources (integrating resource)
Source	1995 [date of first published iterations] 1998 [date of last published iteration] 1999 [date of last known update]
Recorded as	1995-1998 [updated 1999]
If transcribed:	1995-1998 1999
2.8.6.5/Block 6/2	Multipart monographs, serials, and integrating resources (issue, part, iteration not available)
Source	1997 [date of first issue] 2000 [known date of last issue]
Recorded as	1997-[2000]
If transcribed:	1997- [invoking 1.7.3 to add punctuation for clarity]

These examples illustrate the importance of the instructions (SES) for contextualisation of dates. Contextualisation is particularly important for resources issued over time. Transcription offers a more faithful representation of the resource, which may facilitate identification. For most use cases transcription alone is insufficient and does not provide an equivalent outcome from the user perspective. The following solutions are proposed.

1. Record Dates as Relationship between Manifestation and Timespan
   - In addition to, or instead of, recording the date as an attribute of the manifestation.
   - In this option, the SES could be transferred to the putative chapter 15 Identifying Timespans
2. Note on Manifestation
   - If considered important, make a note to explain the date, e.g. 2.17.6
3. Separate transcribed element
   - If considered important, transcribe the date as part of the colophon or imprint

Note that in Appendix B it has been assumed that the current method of recording dates of production, publication, distribution and manufacture will be retained. If the dates are to be transcribed the, SES would have to be transferred to the putative Chapter 15 Identifying Timespans.

3.5.3   Other instructions affected
1.7 Transcription

2.8.1 Publication Statement,

2.9.1 Distribution Statement

2.10.1 Manufacture Statement

2.17.6-2.17.9

No change is required to 1.8 as this instruction also applies to numbers that are not dates.

Implications for Copyright date are discussed in the next section.

3.5.4   Internationalisation
The proposed amendments address issues of Anglo-American / Western calendric bias.

3.6   RDA 2.11 Copyright Date

3.6.1   Background
JSC asked that 2.11 Copyright Date also be considered the context of changes to PPDM.

3.6.1.1   Why record the copyright date?
RDA's treatment of Copyright Date as an attribute of the manifestation has been criticised[i]. Copyright protects the content of the resource and it follows that the date of copyright is an attribute of the expression(s) contained in a manifestation, not of the manifestation itself.

The copyright date appears as part of the Copyright Notice, usually printed on the manifestation. The copyright date may be the only date that appears on the manifestation and may be supplied by cataloguers in lieu of the date of publication. This seems to be the principle justification for recording copyright date as an attribute of the manifestation. A secondary consideration is that agencies responsible for describing resources may have obligations under legal deposit or copyright legislation to record the copyright date, although none of the policy statements associated with 2.11 make reference to any specific obligations.

RDA currently specifies that the copyright date is recorded data. The instructions for recording the copyright date are not the same as those for recording dates of publication, etc. The element analysis table, documents some differences between Copyright Date and other PPDM dates. Copyright date is not typed, i.e. there is no syntax encoding schema.

RDA	Element (property)	RDA classification	Value surrogate	Value string	
2.7.6	date of production	sub-element	literal	typed	RDA Date
2.8.6	date of publication	sub-element	literal	typed	RDA Date
2.9.6	date of distribution	sub-element	literal	typed	RDA Date
2.10.6	date of manufacture	sub-element	literal	typed	RDA Date

RDA	Element (property)	RDA classification	Value surrogate	Value string
2.11	copyright date	**element**	literal	**plain**

3.6.1.2 Source of Copyright Date

The source of the copyright date is usually the copyright notice printed on the resource. The components of a copyright notice vary between jurisdictions, but generally include: the word *copyright* and/or a copyright symbol; the year (or year range) of publication; the copyright owner's name. The copyright notice is included in the resource to make explicit its protection under copyright. RDA currently instructs cataloguers to record only the year (or range of years) and the copyright symbol.

3.6.1.3 Recording the copyright symbol

Instructions requiring cataloguers to record the copyright symbol go back at least as far as AACR (see Rule 141G) and were justified by the need to distinguish copyright dates from publication dates in a single imprint or publication statement, as illustrated in this example:

$$1946, [^{c}1945]$$

In RDA the copyright date is distinguished from other dates by its own metadata element, therefore the requirement to record the symbol is redundant.

3.6.1.4 Copyright and phonographic copyright

The distinction between "copyright" and "phonographic copyright" is currently indicated by recording the appropriate symbol, © or (p). The purpose of the symbols is to signify a distinction between the copyright of the sound recording and the copyright of the underlying work. This distinction is more appropriate to the expression of the work. There may be a case for renaming the Copyright Date as Copyright Notice Date and treating copyright dates as types of Date of Expression.

3.6.2   Conclusion

The justification for recording Copyright Date as an attribute of the manifestation is questionable. The copyright date is an attribute of the expression. RDA permits dates to be supplied if date of publication is not known. If the copyright date is used for this purpose, it is recorded as a date of publication not as copyright date. If the element is intended to record what is recorded on the resource, there is an argument that the method of recording should be transcription.

3.6.2.1   Comparisons

The examples below provide a comparison of the outcomes obtained by recording or transcribing Copyright Date.

Example 1	Data
Source	Copyright © 2014 by World Scientific Publishing Co. Pte. Ltd.
Recorded as	©2014
If transcribed:	2014
Example 2	
Source	© American Library Association 2014
Recorded as	©2014
If transcribed:	2014
Example 3	

Source	© MMXIV Tangled Bank Studios, LLC
Recorded as:	©2014
If transcribed:	MMXIV
Example 4	
Source	℗ 1980 The Copyright in This Sound Recording is Owned By Capitol Records Inc © 1980 Capitol Records Inc
Recorded as:	℗1980 ©1980
If transcribed :	1980

Recommendations:

1. JSC to consider re-designation of the 2.11 Copyright Date to Copyright Notice Date or Copyright Year.
2. Future revisions of RDA should provide for the transcription of the Copyright Date.
3. Specify Copyright Date or Date of Copyright as a relationship between Expression and Timespan.

4   Impact of the revisions

4.1   Entities for Place and Timespan

As illustrated in Appendix A, Place is already defined in Chapter 16. If Event is deprecated, Chapter 15 may be designated as Timespan (or Time-Span). Following the pattern established for Agents, additional chapters will be required to document relationships between Place/Timespan and other entities and between Places and Timespans. This expansion cannot be accommodated without renumbering.

4.2   Deprecation of Aggregate Elements

Deprecation of the aggregate elements for PPDM Statements simplifies the RDA element set by removing syntactical constraints and is expected to simplify mappings between RDA and other standards, such as Dublin Core and EAD. The change conflicts with ISBD, but functional interoperability can be maintained by specifying PPDM statements in an ISBD application profile.

Deprecation of the PPDM statements orphans their dependent instructions. There are (at least) three broad approaches to restructuring the instructions:

a) Repetition of the dependent instructions under each element
b) Introduce an alternative basis for collocation by regrouping elements
c) Comprehensive revision of elements used for transcription, recording and expressing relationships

The first option, repetition of the dependent instructions (Sources, Facsimiles, etc) is a mechanical change, which is not illustrated here. It would introduce considerable repetition, but that is consistent with practice elsewhere in RDA.

The second of these options is illustrated by Appendix B. The elements have been regrouped as place, name and date to maximise the number of instructions that can be shared. For the purposes of the illustration, it has been

assumed that changes to the method of recording Production Statement proposed in *6JSC/BL/26* are accepted and that a distinction will have to be made between the instructions for published and unpublished resources.

The restructuring also impacts 2.17 as illustrated in Appendix B. The change is essentially to delete the word "statement" from the element names, to create a Note on Production, Note on Publication, Note on Distribution and Note on Manufacture

The third option could be adopted if FR consolidation justifies a more fundamental structural change, the opportunity could be taken to make a clearer correlation between the recording method and element labels. This is not illustrated in this document.

4.3   Colophon/Imprint Elements
Introduction of these new elements supports the IDENTIFY user task. In MARC 21 the information could be recorded in 260 field, but a new subfield may be considered necessary.

4.4   Core designation of PPDM elements
The approval of 6JSC/ALA/29 effectively plugged the "cascading vortex of horror". PPDM elements with core status are now:

2.7.6   Date of Production

2.8.2   Place of Publication

2.8.4   Publisher's Name

2.8.6   Date of Publication

6JSC/BL rep/1/ALA Response asked whether, under Scenarios A or B, these elements should be designated core. ALA expressed the view that in such circumstances, "the primary mechanism for recording PPDM information should be via relationships, rather than transcription."

In most cases, relationships based on controlled terms or identifiers will provide more comprehensive support for user tasks, but privileging either elements or relationships must be at the expense of the other.

Recommendation

4. JSC to discuss whether it is appropriate for the RDA instructions/element set to specify core elements, or whether core elements are community defined in application profiles.

These changes will have a significant impact on the content and structure of RDA. The changes are intended to contribute to the creation of a more flexible instruction set to support the needs of different communities and improve the capacity of the metadata to serve all user tasks.

5   Changes
Proposals for changes to 2.7 Production Statement and 2.17 Details of Production Statement are documented in 6JSC/BL/26.

This paper proposes only 4 changes, affecting 2.7.4.4, 2.8.4.4, 2.9.4.4, 2.10.4.4

5.1   Deletion of Optional Additions at 2.7.4.4, 2.8.4.4. 2.9.4.3, and 2.10.4.4

Change 1

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Note: clean copy not provided because no text is changed or added.

2.7.4.4 Statement of Function

Record words or phrases indicating the function performed by a person, family, or corporate body as they appear on the source of information.

Optional Addition NLA PS BL PS LC-PCC PS D-A-CH

If the function of a person, family, or corporate body recorded in the producer's name sub-element is not explicit or clear, add a term indicating the function. Indicate that the information was taken from a source outside the resource itself (see 2.2.4 RDA).

Change 2

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Note: clean copy not provided because no text is changed or added.

2.8.4.4 Statement of Function

Record words or phrases indicating the function (other than solely publishing) performed by a person, family, or corporate body as they appear on the source of information.

> **EXAMPLE**
>
> SAGE Publications on behalf of McGill University
>
> Source of information reads: Published by SAGE Publications on behalf of McGill University
>
> In Kommission bei Otto Harrassowitz

Optional Addition NLA PS BL PS LC-PCC PS MLA D-A-CH

If the function of a person, family, or corporate body recorded in the publisher's name sub-element is not explicit or clear, add a term indicating the function. Indicate that the information was taken from a source outside the resource itself (see 2.2.4 RDA).

Change 3

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Note: clean copy not provided because no text is changed or added.

2.9.4.4 Statement of Function

Record words or phrases indicating the function performed by a person, family, or corporate body as they appear on the source of information.

EXAMPLE

Distributed by New York Graphic Society

Sold by Longman

Distributed by Independent Publishers Group

Distribution by: MapArt Publishing Corporation

Distributed by Coach House Records Ltd.

Optional Addition NLA PS BL PS LC-PCC PS D-A-CH

If the function of a person, family, or corporate body recorded in the distributor's name sub-element is not explicit or clear, add a term indicating the function. Indicate that the information was taken from a source outside the resource itself (see 2.2.4 RDA).

EXAMPLE

Guild Sound and Vision [distributor]

Voluntary Committee on Overseas Aid & Development [distributor]

Change 4

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Note: clean copy not provided because no text is changed or added.

2.10.4.4 Statement of Function

Record words or phrases indicating the function performed by a person, family, or corporate body as they appear on the source of information.

EXAMPLE

Manufactured and marketed by PolyGram Video, a division of PolyGram Records, Inc.

~~Optional Addition~~ NLA PS BL PS LC-PCC PS D-A-CH

~~If the function of a person, family, or corporate body recorded in the manufacturer's name sub-element is not explicit or clear, add a term indicating the function. Indicate that the information was taken from a source outside the resource itself (see~~ 2.2.4 RDA ~~).~~

6   Appendix A

6.1   Introduction

Appendix A illustrates an approach by which new entities may be incorporated into RDA to represent Timespan and the generalised Place entity proposed by the *FRBR Library Reference Model*. The general approach has been to follow the pattern already established for Persons, Families and Corporate Bodies.

Throughout the examples Timespan has been rendered without a hyphen, but should be understood to have the same scope and definition as the *LRM* entity Time-span

6.2   Identifying

Section 4 already contains instructions for Identifying Places. The current instructions are limited in scope and application, but can be extended as necessary to meet the needs of a generalised place attribute.

Section 4 Recording Attributes of ~~Concept, Object, Event,~~<u>Timespan &</u> Place

> 14   ~~Identifying Objects~~ (Placeholder)

> 15   ~~Identifying Events~~ <u>Identifying Timespans</u>

> 16   Identifying Places

In this illustration, the placeholder Chapter 14 Identifying Objects has been deprecated and place holder Chapter 15 Identifying Events has been re-scoped to identify Timespans.

FRBR RG has not made any recommendations regarding attributes for these entities. At present RDA only specifies Name of the Place and Identifier for Place. See 6.5 and 6.6 below for discussion of attributes for Place and Timespan.

6.3   Relationships with other entities

Section 7 was originally intended to document relationships of Group 3 entities. It has been partially repurposed to provide Guidance on Recording the Subject Relationship. In the following illustration, the current scope has been adjusted to accommodate the new elements. This structure can be justified on the pragmatic ground that place holder for relationships with places and events can be re-scoped, as in Section 4. There is also a logical justification of grouping relationships between Group 1 entities and *other* entities (i.e. not encompassed by Group 1 or 2.) in Section 7.

The illustration indicates that introducing Timespans and Places is not possible without displacing content following Chapter 23. A temporary numbering scheme has been used to avoid ambiguity.

Section 7 Recording <u>Subject Relationships</u> and Relationships to ~~Concepts, Objects, Events~~ Timespans, & Places

> 23   General Guidelines on Recording Subject Relationships

2P   General Guidelines on Recording Relationships to Timespans and Places

2Q   Timespans and Places Associated with a Work

  2Q1   Timespan Associated with Creation of a Work

    Date Created

  2Q2   Place Associated with Creation of a Work

    Place Created

2R   Timespans and Places Associated with an Expression

  2R1   Timespan Associated with Expression of a Work

    Date Expressed

    Date of Copyright

  2R2   Place Associated with Expression of a Work

    Place Expressed

2S   Timespans and Places Associated with a Manifestation

  2S1   Timespan Associated with Production of an Unpublished Manifestation

    Date Produced

  2S2   Timespan Associated with Publication of a Manifestation

    Date Published

  2S3   Timespan Asssociated with Distribution of a Manifestation

    Date Distributed

  2S4   Timespan Associated with Manufacture of a Manifestation

    Date Manufactured

  2S1   Place Associated with Production of an Unpublished Manifestation

    Place Produced

  2S2   Place Associated with Publication of a Manifestation

    Place Published

  2S3   Place Asssociated with Distribution of a Manifestation

    Place Distributed

2S4   Place Associated with Manufacture of a Manifestation

Place Manufactured

2T   Timespans and Places Associated with an Item

Date Purchased

Date of Deposit

Date Accessioned

Date Bound

2U   Timespans and Places Associated with an Agent

2U1   Timespans and Places Associated with a Person

Date Born

Place Born

Date Died

Place Died

Period Active

Place Active

2U2   Timespans and Places Associated with a Family

2U3   Timespans and Places Associated with a Corporate Body

It is assumed that the relationships can be expressed using any of the options currently permitted (the "four-fold path"). It will be noted that the relationships are paralleled by attributes for identification of the entity, e.g.:Timespan Associated with the Work/ Date of Work; Timespan Associated with Publication of a Manifestation/Date of Publication.

These general relationships may require further refinement (as EURIG has proposed in relation to Works and Expressions). A new appendix would be needed to accommodate appropriate relationship designators.

Appendix N   Relationship Designators: Relationships between a Resource and Timespans and Places Associated with the Resource

6.4 Relationships between entities

Section 10 was originally intended to document the relationships that exist between Group 3 entities. It could be re-scoped along the same lines as Sections 4 and 7.

Section 10 Recording Relationships between Timespans and Places.

These general relationships may require further refinement. The Placeholder Appendix L could accommodate appropriate relationship designators.

Appendix L   Relationship Designators: Relationships Between Timespans~~Concepts, Objects, Events~~, and Places

6.5   Attributes of Places

The Working Group on Places is reviewing treatment of place as an unconstrained entity. The following recommendations may be of value in determining future direction of the group's activities:

1) Identify and define attributes sufficient for identification of a place. For example, coordinates.
2) Replace the placeholder at 16.3 Identifier for the Place with appropriate guidance and instructions.
3) Replace the placeholder at 16.4 Constructing Access Points with appropriate guidance and instructions.
4) Develop RDA's infrastructure to enable the expression of relationships to and between places. The general requirement goes beyond the requirements of PPDM which are not in scope for this document.

6.6   Attributes of Timespan

FRBR-Library Reference Model (**http://library.ifla.org/1084/1/207-riva-en.pdf**) proposes the following definition of Time-span:

"A temporal extent having a beginning, an end and a duration."

Note that in CIDOC-CRM, from which the LRM entity is derived, Time-Span can be expressed as a primitive (E61), such as a date or range of dates. This is sufficient to record dates that may be required in RDA, including Date of Production, Date of Publication, Date of Distribution, Date of Manufacture.

6.6.1   Provisional Attributes of Timespan

Name of the Timespan

Beginning of Timespan

End of Timespan

Duration

Identifier for the Timespan

Calendar*

Notes

*6JSC/BL rep/1 suggested Calendar as an attribute of Timespan, however it may be more properly associated with Nomen. Whether it should be defined as a property in RDA or should be handled by a schema, is referred to the Technical Working Group.

5. Recommendations:

JSC to consider discuss formation of a WG on Timespan.

Technical WG to consider appropriate place of Calendar.

7 Appendix B

See accompanying document

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[i] *RDA issues for discussion by EURIG*
http://www.slainte.org.uk/eurig/docs/1201Paris/EURIG_technical_meeting_working_document_from_France_rev_AD.pdf