

To: RDA Steering Committee
From: Thomas Brenndorfer, Extent Working Group Chair
Subject: Proposal for Manifestation: **extent of embodied content** and its subtype elements

Abstract

As a subelement of Manifestation: **extent of manifestation**, the proposed element Manifestation: **extent of embodied content** and its subtypes are used to record measurements of the layout of content that is embodied in a manifestation.

Justification

This element, its subtypes, and associated vocabulary encoding schemes cover the dimensions, layout, and other quantifications of embodied expressions as a distinct set of aspects of the extent of manifestations. The values recorded for these elements may be used to construct values for superelement Manifestation: **extent of manifestation** in accordance with string encoding schemes, providing flexibility and support for legacy values. Refer to the main proposal RSC/ExtentWG/2025/1 and the Discussion Paper [RSC/ExtentWG/2024/1/rev2](#) for additional background information.

Proposed element and subtypes:

Manifestation: **extent of embodied content**

Manifestation: **designation of number of sound channels**

Manifestation: **dimensions of embodied content**

Manifestation: **duration of embodied content** [covered in RSC/ExtentWG/2025/6]

Manifestation: **image resolution**

Manifestation: **number of sound channels**

Manifestation: **reduction ratio**

Manifestation: **reduction ratio designation**

Apply the Prerecording instructions for Manifestation: **extent of embodied content**.

This element is a *subelement* of the *superelement* Manifestation: **extent of manifestation**.

Apply the Prerecording instructions to Manifestation: **extent of embodied content** and its subtypes:

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: **manifestation extent statement**.

Recommendation #1. Manifestation: **extent of embodied content**

Proposed definition: A measurement of the layout of content that is embodied in a manifestation.

Recommendation 1: Create the element Manifestation: **extent of embodied content**. Associate the new vocabulary encoding scheme **RDA Layout of Embodied Content** with this element.

In the Prerecording section include the language establishing this element as a subelement of Manifestation: **extent of manifestation** and providing the option of using a value of Manifestation: **manifestation extent statement**.

This element is a *subelement* of the *superelement* Manifestation: **extent of manifestation**.

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: **manifestation extent statement**.

Recommendation #2. Manifestation: configuration of playback channels [replace with designation of number of sound channels, and, number of sound channels]

Current definition: A number of sound channels used to make a recording.

Recommendation 2.1: Delete Manifestation: configuration of playback channels and replace it with two new elements, Manifestation: designation of number of sound channels and Manifestation: number of sound channels.

Recommendation 2.2: Separate from Manifestation: configuration of playback channels the element Manifestation: designation of number of sound channels, retaining it as a subtype of Manifestation: sound characteristic. Associate the vocabulary encoding scheme **RDA Configuration of Playback Channels** with this element, carrying forward the applicable instructions from Manifestation: configuration of playback channels. Add Manifestation: designation of number of sound channels as a subtype of Manifestation: extent of embodied content.

Definition for new element Manifestation: designation of number of sound channels: A general designation of the number of sound channels used to make a recording.

In the Prerecording section include the language providing the option of using a value of Manifestation: manifestation extent statement.

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: manifestation extent statement.

Recommendation 2.3: Separate from Manifestation: configuration of playback channels the element Manifestation: number of sound channels, retaining it as a subtype of Manifestation: sound characteristic. Add Manifestation: number of sound channels as a subtype of Manifestation: extent of embodied content.

Definition for new element Manifestation: number of sound channels: A number of sound channels used to make a recording.

In the Prerecording section include the language providing the option of using a value of Manifestation: **manifestation extent statement**.

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: **manifestation extent statement**.

Recommendation #3. Manifestation: **image resolution** [current label: resolution]

Recommendation 3: For the current element Manifestation: **resolution** replace the element reference label “resolution” with “image resolution”. Add Manifestation: **image resolution** as a subtype of Manifestation: **extent of embodied content**.

Retain current definition: A clarity or fineness of detail in a digital image, expressed by the measurement of the image in pixels, etc.

Update the Prerecording section to include the language providing the option of using a value of Manifestation: **manifestation extent statement**.

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: **manifestation extent statement**.

Recommendation #4. Manifestation: **reduction ratio**

Recommendation 4: Add Manifestation: **reduction ratio** as a subtype of Manifestation: **extent of embodied content**.

Retain current definition: A numerical ratio of the size of a micro-image in relation to the original from which it was produced.

Update the Prerecording section to include the language providing the option of using a value of Manifestation: **manifestation extent statement**.

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: **manifestation extent statement**.

Recommendation #5. Manifestation: **reduction ratio designation**

Recommendation 5: Add Manifestation: **reduction ratio designation** as a subtype of Manifestation: **extent of embodied content**.

Retain current definition: A general designation of the size of a micro-image in relation to the original from which it was produced.

Update the Prerecording section to include the language providing the option of using a value of Manifestation: **manifestation extent statement**.

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: **manifestation extent statement**.

Recommendation #6. Manifestation: **dimensions of embodied content**

This element will absorb the elements related to the dimensions of pictorial or cartographic areas
Manifestation: **dimensions of still image** and Manifestation: **dimensions of cartographic image**.

The following instructions will move to Community Resources: dimensions of text blocks as currently found in Manifestation: **dimensions** (https://access.rdatoolkit.org/en-US_ala-cc95f0fd-c059-334d-b240-c7379e396c7d/div_eh5_2v3_z2b and https://access.rdatoolkit.org/en-US_ala-cc95f0fd-c059-334d-b240-c7379e396c7d/div_aft_3v3_z2b). Many of these instructions are for

values that relate the dimensions of embodied content to the extent of the unit. Given the string encoding schemes involved, these complex instructions will need to become part of Community Resources to produce values for the superelement Manifestation: **extent of manifestation**.

Recommendation 6: Create the new element Manifestation: **dimensions of embodied content**. Add Manifestation: **dimensions of embodied content** as a subtype of Manifestation: **extent of embodied content**.

Proposed definition: A measurement of the size of the layout of content that is embodied in a manifestation.

Include in the Prerecording section the language providing the option of using a value of Manifestation: **manifestation extent statement**.

For general guidance and instructions on recording a statement from a manifestation that reproduces another manifestation, see Guidance: Manifestation statements.

Manifestation statements of facsimiles and reproductions.

OPTION

Record an unstructured description within a value of Manifestation: **manifestation extent statement**.

Recommendation #7. RDA Layout Unit of Embodied Content Vocabulary Encoding Scheme

Recommendation 7: Create a new vocabulary encoding scheme **RDA Layout Unit of Embodied Content**. From the current RDA VES Carrier Extent Unit, move the terms *column* and *page*, and update their definitions to reflect the new context. Add the term *frame* and *line*. The term *line* is a common layout unit of extent in the Jewish scribal and manuscript communities. This vocabulary encoding scheme will have incomplete coverage of scope, and additional values may be included in the future.

Recommendation 7.1

column

Current definition: A unit of extent that consists of one of two or more vertical sections of text appearing on the same page or leaf.

Proposed definition: A layout of embodied content where content is arranged in two or more vertical sections on a page, separated by vertical gutters.

Recommendation 7.2

frame

Proposed definition: A layout of embodied content where content is arranged in two or more blocks, separated by horizontal or vertical gutters.

Recommendation 7.3

line

Proposed definition: A layout of embodied content where text is inscribed in a horizontal row on parchment.

Recommendation 7.4

page

Current definition: A unit of extent that consists of a single side of a leaf.

Proposed definition: A layout of embodied content where content is embodied on one side of a leaf or sheet.

Summary of recommendations

Recommendation 1: Create the element Manifestation: **extent of embodied content**.

Recommendation 2.1: Delete Manifestation: **configuration of playback channels** and replace it with two new elements, Manifestation: **designation of number of sound channels** and Manifestation: **number of sound channels**.

Recommendation 2.2: Separate from Manifestation: **configuration of playback channels** the element Manifestation: **designation of number of sound channels**, retaining it as a subtype of Manifestation: **sound characteristic**. Associate the vocabulary encoding scheme **RDA Configuration of Playback Channels** with this element, carrying forward the applicable

instructions from Manifestation: **configuration of playback channels**. Add Manifestation: **designation of number of sound channels** as a subtype of Manifestation: **extent of embodied content**.

Recommendation 2.3: Separate from Manifestation: **configuration of playback channels** the element Manifestation: **number of sound channels**, retaining it as a subtype of Manifestation: **sound characteristic**. Add Manifestation: **number of sound channels** as a subtype of Manifestation: **extent of embodied content**.

Recommendation 3: For the current element Manifestation: **resolution** replace the element reference label “resolution” with “image resolution”. Add Manifestation: **image resolution** as a subtype of Manifestation: **extent of embodied content**.

Recommendation 4: Add Manifestation: **reduction ratio** as a subtype of Manifestation: **extent of embodied content**.

Recommendation 5: Add Manifestation: **reduction ratio designation** as a subtype of Manifestation: **extent of embodied content**.

Recommendation 6: Create the new element Manifestation: **dimensions of embodied content**. Add Manifestation: **dimensions of embodied content** as a subtype of Manifestation: **extent of embodied content**.

Recommendation 7: Create a new vocabulary encoding scheme **RDA Layout Unit of Embodied Content**.

Recommendation 7.1: column – update definition

Recommendation 7.2: frame – new term

Recommendation 7.3: line – new term

Recommendation 7.4: page – update definition