

Diachronic works

A VERY SHORT INTRODUCTION

CRCC FORUM <ALA MIDWINTER MTG, SEATTLE, 28 JANUARY 2019>

A solid orange horizontal bar at the bottom of the slide.

Continuing resources and conceptual models

Continuing resources continue to be the stone in the shoe of all conceptual models

Outline

1. What is a diachronic Work?
2. What were they thinking?
3. How does it affect me?
4. Good night, and good luck (for monograph catalogers)

Question 1:

What is a diachronic work?

What is a diachronic work?

A work may be planned to be embodied in a manifestation in a single act of publication or production or in a sequence of two or more such acts carried out at distinct intervals. The plan determines whether the content is fixed as a *static work*, or is changed over time as a *diachronic work*.

A diachronic work may be planned to replace the content of a single expression (*integrating work*) or to accumulate the content by accumulating a sequence of expressions that are embodied at intervals of time (*successive work*).

New Work element: **extension plan**

Definition and scope: A categorization reflecting an intention to extend the content of a work

Values: Taken from RDA Extension Plan (VES)

- static plan [1001]
- integrating determinate plan [1002]
- integrating indeterminate plan [1003]
- successive determinate plan [1004]
- successive indeterminate plan (serial work plan) [1005]

Integrating indeterminate plan

POLITIK WIRTSCHAFT FINANZEN FEUILLETON SPORT GESELLSCHAFT STIL TECHNIK WISSEN REISE KARRIERE RHEIN-MAIN Login

Shop Stellenmarkt Archiv Mehr Freitag, 02. Februar 2018 E-Paper ABONNEMENT

ANZEIGE

Frankfurter Allgemeine

HERAUSGEGEBEN VON WERNER D'INCA, JÜRGEN KAUBE, BERTHOLD KOHLER, HOLGER STELTZNER Frankfurt am Main 5*

THEMEN DES TAGES VERLUSTBRINGER DEUTSCHE-BANK-AKTIE BORIS BECKER GEHT ES GUT SO HÄLT IHR AKKU LÄNGER! FA.Z.-NEWTICKER



DIGITALISIERUNG

Sind wirklich 3,4 Millionen Arbeitsplätze in Gefahr?

Die Digitalisierung kostet Millionen Arbeitsplätze, warnt der Chef des IT-Verbands in der F.A.Z. Er erntet heftigen Widerspruch.

BRITTA BEEGER UND THIEMO HEEG vor 9 Minuten

Integrating determinate plan

The screenshot shows the website for the IFLA World Library and Information Congress 2017. The browser address bar shows '2017.ifla.org'. The page features a navigation menu with items: About WLIC, Programme, Registration, Exhibition & Sponsorship, Travel, Accommodation & Tours, and Newsletter. Below the menu is a banner with three images: a city street, a modern building, and a library interior. The banner text reads 'Libraries. Solidarity. Society.' Below the banner is a 'News' section with two articles. The first article is dated 10 November 2017, 14:32 and is titled 'Now Available: WLIC 2017 Live Stream Recordings'. The second article is dated 24 August 2017, 16:11 and is titled 'Honours and Awards at the IFLA WLIC 2017 Closing Session'. A 'READ ALL NEWS' button is located to the right of the first article.

2017.ifla.org

IFLA WLIC 2017 WROCLAW

IFLA World Library and Information Congress
83rd IFLA General Conference and Assembly
19–25 August 2017, Wrocław, Poland
Libraries. Solidarity. Society.

News Acknowledgements

About WLIC Programme Registration Exhibition & Sponsorship Travel, Accommodation & Tours Newsletter

Libraries. Solidarity. Society.

News

10 November 2017, 14:32
Now Available: WLIC 2017 Live Stream Recordings
WLIC 2017 live stream videos are now available. If you missed the inspiring Opening Ceremony, President's Session, IFLA Highlights Session [...]

24 August 2017, 16:11
Honours and Awards at the IFLA WLIC 2017 Closing Session
During the Closing Session on 24 August, IFLA President Donna Scheeder and IFLA Professional Committee Chair Maria Carme Torras i Calvo conferred [...]

READ ALL NEWS

Successive determinate plan

Twelfth Census of the United States.

CENSUS BULLETIN.

No. 18.

WASHINGTON, D. C.

November 28, 1900.

POPULATION OF IDAHO BY COUNTIES AND MINOR CIVIL DIVISIONS.

This bulletin, prepared under the direction of Mr. WILLIAM C. HUNT, chief statistician for population, gives the aggregate population of Idaho by counties and minor civil divisions, according to the official count of the returns of the Twelfth Census, taken as of June 1, 1900.

Idaho was organized as a territory March 8, 1863, and admitted as a state July 3, 1890. Table 1 shows the population of Idaho at each census from 1870 to 1900, inclusive, together with the increase by number and per cent during each decade.

TABLE 1.—POPULATION OF IDAHO: 1870 TO 1900.

CENSUS YEARS.	Population.	INCREASE.	
		Number.	Per cent.
1900.....	161,772	77,887	91.7
1890.....	84,885	61,776	158.7
1880.....	23,109	17,611	117.4
1870.....	6,498		

The population of the state in 1900 is 161,772 as compared with a population in 1890 of 84,885. This shows an increase during the decade of 77,887, or 91.7 per cent. A part of this increase is due to the fact that there were 4,064 Indians and 99 other persons, or a total of 4,163 persons, on Indian reservations, etc., in Idaho, who were specially enumerated in 1890 under the provisions of the census act, but were not included in the general population of the state at that census. The population of Idaho in 1870 was 14,998, and in 1880, 23,610, showing an increase from 1870 to 1880 of 17,611, or 117.4 per cent. During the next ten years its population was increased by 61,776, or 158.7 per cent, giving a total population in 1890, as stated in the report for that census, of 84,885.

The population of Idaho in 1900 is more than ten times as large as the population given for 1870, the first census taken after its organization as a territory in 1863.

The total land surface of Idaho is, approximately, 84,500 square miles, the average number of persons to the square mile at the censuses of 1880 and 1900 being as follows: 1880, 1.0; 1900, 1.9.

(CP 111)

Successive indeterminate plan



Question 2:
What were they thinking?

A new way of thinking about serials

The IFLA Library Reference Model (LRM) and its modeling of aggregates and serials

Treatment of aggregates and serials: FRBR vs. LRM

FRBR

- a single Work embodied in **one or more** Expressions embodied in **one or more** Manifestations

LRM

5.7 Modelling of aggregates

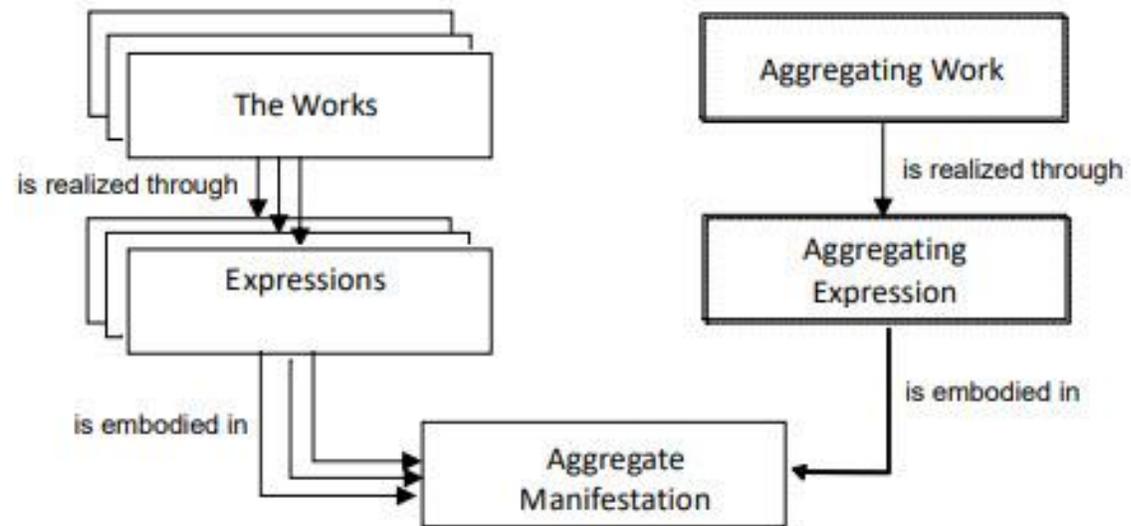
- A single aggregating Work realized in a **single** aggregating Expression embodied in **one or more** aggregate Manifestations [W-E lock]

5.8 Modelling of serials

- A single serial Work realized in a **single** serial Expression embodied in a **single** serial Manifestation [W-E-M lock]

Modeling of aggregates in LRM (5.7)

Figure 5.7 General Model for Aggregates

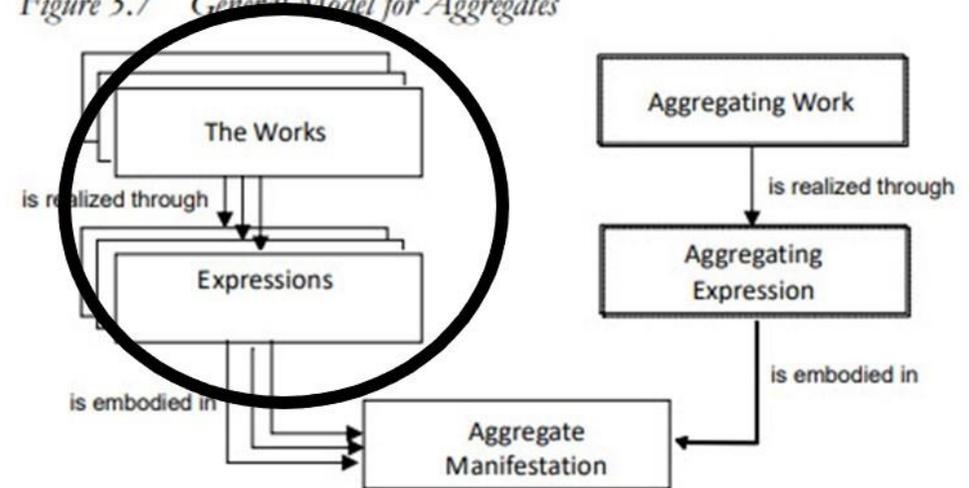


A journal issue: aggregated expressions

Individual independent contributions:

- Editorials
- Letters
- News items
- Research articles

Figure 5.7 General Model for Aggregates

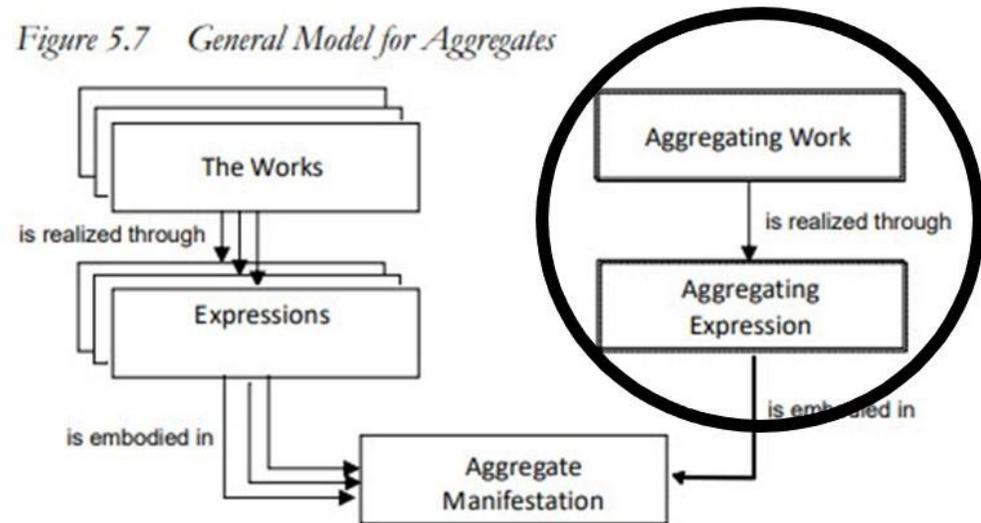


A journal issue: aggregating expression

The work of the editorial staff:

- Scope of the journal and/or issue
- Layout of the journal and/or issue (house style)
- Selection of the contributions
- Arrangement of the contributions

Figure 5.7 General Model for Aggregates



W-E lock: Rubber Soul

stereo PCS

STEREO PCSO 3075
MONO PMCO 1267





THE BEATLES

1. **GOVE MY CAR** - Paul and John with George - Paul on piano
2. **NORWEGIAN WOOD** (This Bird Has Flies) - John (with Paul) - George on sitar
3. **YOU WON'T SEE ME** - Paul (with John and George) - Paul on piano, Mal Urgal - Evans on harmonium
4. **WHEREVER I AM** - John and Paul and George
5. **THINK FOR YOURSELF** (Harrison) - George (with John and Paul) - Paul on four Bass
6. **THE WORD** - John and Paul and George - Paul on piano, George Martin on harmonium
7. **MICHELLE** - Paul (with John and George)

1965 1965

1. **WHAT GOES ON** - (Lennon) - McCartney - Starkey - Ringo (with Paul and John)
2. **ONE** - John (with Paul and George)
3. **I'M LOOKING THROUGH YOU** - Paul (with John) - Ringo on Hammond Organ
4. **ON MY LIFE** - John and Paul - George Martin on piano
5. **WAIT** - John and Paul
6. **IF I NEEDED SOMEONE** - (Harrison) - George (with John and Paul)
7. **RUN FOR YOUR LIFE** - John (with Paul and George)

All titles composed Lennon-McCartney (except "Think For Yourself" and "I Needed Someone"),
Reprints produced by Robert Freeman. © 1965







STEREO

PARLOPHONE LONG-PLAYING 33 1/3 R.P.M. RECORD

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MADE AND DISTRIBUTED IN AUSTRALIA BY E.M.I. (AUSTRALIA) LIMITED, SYDNEY, NEW SOUTH WALES
Manufacturers of World-Famous "His Master's Voice" Record Players, Radio and Television Receivers.






CAPITOL'S NEW IMPROVED FULL DIMENSIONAL STEREO SOUNDS BETTER THAN STEREO HAS EVER SOUNDED BEFORE!

... better, in fact, than has ever been possible for stereo records to sound before. Now you can enjoy the results of the latest in our ever - ending series of technical developments when you listen to Capitol's new improved Full Dimension Stereo - Chew "transparency" in the vocal passages. Chew "impact" in the percussion. Chew "crispness" in the brass. Chew "bite" to the brass. Chew crisp clarity such as you've thrilled to in a good live performance. Whether your stereo photograph is modest, or the finest that money can buy - you'll get better, more lifelike sound when you listen to Capitol's new improved Full Dimension Stereo - better than stereo has ever sounded before!

MADE IN U.S.A. • FACTORIES: SEASANTON, PA. - LOS ANGELES, CALIF. - JACKSONVILLE, FL.

THIS STEREO RECORD SHOULD BE PLAYED ONLY WITH A STEREO CARTRIDGE AND NEEDLE TO AVOID DAMAGE. **ST 2442**

ALSO AVAILABLE IN REGULAR MONOPHONIC



THE BEATLES

Side One

I'VE JUST SEEN A FACE - Paul

NORWEGIAN WOOD (This Bird Has Flies) - John (with Paul - George on sitar)

YOU WON'T SEE ME - Paul (with John and George - Paul on piano, "Organ" Evans on Hammond)

THINK FOR YOURSELF - George (with John and Paul - Paul on four Bass)

THE WORD - John, Paul and George (Paul on piano, George Martin on Hammond)

MICHELLE - Paul (with John and George)

"Think For Yourself" by George Harrison, all other selections by Lennon & McCartney

Side Two

IT'S ONLY LOVE - John and Paul

GIRL - John (with Paul and George)

I'M LOOKING THROUGH YOU - Paul (with John - Ringo on Hammond organ)

ON MY LIFE - John and Paul (George Martin on piano)

WAIT - John and Paul

IF I NEEDED SOMEONE - (Harrison) - George (with John and Paul)

RUN FOR YOUR LIFE - John (with Paul and George)

Produced by GEORGE MARTIN

Photography: Robert Freeman

2



Consequences for subject cataloging

- No Work entity corresponds to the *collective content* of an aggregate.
- Subject headings are either:
 - Assigned to **one or more of the *aggregated Works*** to represent their content (e.g., subject headings assigned to *War and Peace* in an edition that includes a separate Introduction)
 - Assigned to **the *aggregating Work*** to correspond to the subject scope of its selection criteria (e.g., subject headings assigned to the journal *Nature*)

Modeling of serials in LRM (5.8)

Serials have:

- Whole-part relationships to their issues
- Aggregate relationships to articles

A serial Work is the analog of the aggregating Work in the modeling of aggregates. To quote LRM, its essence is **“the editorial concepts that guide the production of the issues that comprise the resulting aggregate Manifestation.”**

Because serials can change over time (e.g., regional editions of newspapers, online versions of print serials), **“it ensues that any serial Work can be said to have only one Expression and one Manifestation.”** [WEM lock]

Extension: RDA ONIX Framework for Resource Categorization (ROF)

Version 1.0 (August 2006)

- Extension mode
 - Succession / integration / not applicable
- Extension termination
 - Determinate / indeterminate / not applicable
- Extension requirement [not incorporated into RDA]
 - Essential / inessential / not applicable

WE and WEM locks

Cardinality restrictions for specific kinds of work

The following restrictions apply when using a relationship element to form a coherent description of a specific kind of work:

- A *static work* that is an *aggregating work* must be realized by one and only one expression.
- A *diachronic work* must be realized by one and only one expression and be embodied in one and only one manifestation.

Question 3: How does it affect me?

How does this play out in our world?

- In **MARC** most of the change will be invisible
- For **continuing resources**, each manifestation is a work
- For **online resources**, a single description will continue to represent manifestations and expressions from different providers (PS?)
- We may want a **grouping** mechanism

MARC, etc.

In MARC, for continuing resources:

→ no real change

In MARC, for multipart monographs issued over time:

→ not our problem

In Linked Data:

→ maybe link RDA vocabularies to BIBFRAME?

How do I describe a diachronic work?

- Record common characteristics of the parts, issues, or iterations of a diachronic work
- If a variation in the value of a common characteristic appears on a different part, issue, or iteration of a work:
 - Record information about the change of value using **Work: note on work**
 - Record the new value for the characteristic using a separate Work element
 - Record provenance data to indicate the scope of validity for changed values using **Work: scope of validity**
 - [For guidance, see Data provenance: **Recording a scope for validity of metadata**]
 - Example: volumes 1-3, 5, 9-13
 - Record provenance data to indicate the timespan of validity for changed values using **Work: related timespan of validity**
 - [For guidance, see Data provenance: **Recording a timespan for validity of metadata**]
 - Example: 1975-2013

Note on work (the blue pill)

[321] ## \$a Weekly, \$b 2014-2018

<rdac:WorkABC> <rdaw:noteOnWork> “Weekly, 2014-2018”

Timespan for validity (the red pill)

```
<rdac:Work123> <rdaw:frequency> <rdafr:weekly>  
<rdac:Work123> <rdaw:relatedWorkOfWork> <rdac:Work123MW1>  
<rdac:Work123MW1> <rdf:type> <rdf:statement>  
<rdac:Work123MW1> <rdf:subject> <rdac:Work123>  
<rdac:Work123MW1> <rdf:predicate> <rdaw:frequency>  
<rdac:Work123MW1> <rdf:object> <rdafr:weekly>  
<rdac:Work123MW1> <rdaw:relatedTimespanOfWork> <rdac:Timespan123MW1>  
<rdac:Timespan123MW1> <rdat:beginning> <rdac:Nomen123MW1T1>  
<rdac:Nomen123MW1T1> <rdan:nomenString> "2014"  
<rdac:Timespan123MW1> <rdat:end> <rdac:Nomen123MW1T2>  
<rdac:Nomen123MW1T2> <rdan:nomenString> "2018"
```

Triples

<subject> <predicate> <object>

<Work X> <hasTitle> “And Now for Something Completely Different”

Metadata work

A **metadata work** is a work that is a **metadata statement** or a **metadata description set**

A **metadata statement** is a piece of metadata that assigns a value to an **RDA element** that describes an individual instance of an **RDA entity**

A **metadata description set** is one or more **metadata statements** that describe and relate individual instances of one or more **RDA entities**

Good night, and good luck

What about multipart monographs issued over time?

- RDA extends the WEM lock to *all* resources issued over time

Encyclopædia Britannica (3rd edition)

3rd edition (1788-97) ca. 300 weekly fascicles [first editor (vols 1-12) died in 1793] [volume t.p. printed separately and sent to subscribers when complete with date 1797]

3rd edition (1797) 18 volumes

- Supplement (1801) 2 volumes
- Supplement. 2nd edition (1803) 2 volumes

Dobson's Encyclopædia (1798-) by printer Thomas Dobson, who moved from Edinburgh to Philadelphia in 1783, added some American content, and edited the original to remove what he perceived as British bias. Price: 5 Pennsylvania dollars per volume

- Supplement (1803) 3 volumes

Moore's Dublin Edition (1790-1798). The original edition, with "many corrections and additions"

- Supplement (1801) 2 volumes

That which must not be named

- RDA continues to avoid “continuing resource” as a term
- Pragmatically speaking, a continuing resource in the new RDA is a diachronic work that
 - has an indeterminate extension termination OR
 - has a determinate extension termination, but only because it is tied to a related event (e.g., 2019 ALA Midwinter Meeting, the 1900 US Census) that is itself determinate