They Changed the Rules Again?

Lori B. Murphy
DePaul University, lmurphy@depaul.edu

Recommended Citation
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AACR2 Revised Chapter 9

Change

‘People can be very frightened of change.’

Captain James T. Kirk
Change

‘I know engineers, they *love* to change things!’

Chief Medical Officer Lt. Cmdr. Leonard McCoy (Bones)

Objectives:

- Major revisions to Chapter 9 by the Joint Steering Committee for AACR
- To provide some background on the intent of the rule change
- To provide a variety of interesting real-life examples
- To provide links for further information
**Scope:**

- We will cover changes in Chapter 9:
  - GMD: electronic resource
  - Updated terminology
  - New definition of the chief source of information: item itself
  - Conventional terminology option
  - Harmonization with ISBD(ER)

**Scope:**

- We will NOT cover:
  - Direct access computer files (CD-ROMs, DVDs, or floppy disks)
  - Interactive multimedia
  - Metadata schemes other than MARC21
  - MARC tags
- No exercises or tests!
History behind Chapter 9

- 1978 “Machine-Readable Data Files” – AACR2
- 1984 Guidelines for Using AACR2
  Chapter 9 for Cataloging Microcomputer Software – ALA
- 1988 “Computer Files” – AACR2 1988 Revision

Scope of Chapter 9

“The new scope of the chapter reflects the accommodation to the new types of materials, particularly Internet Resources...” Barbara Tillett
**What’s the difference**

- Electronic Resources
- Internet Resources

**Electronic Resources**

- An electronic resource is a manifestation of a work encoded for manipulation by computer. The manifestation resides in a carrier access either directly or remotely.
  - Web resources (home pages, electronic documents, electronic serials, online systems and services, etc.)
  - Email discussion lists (AUTOCAT)
  - FTP
  - Telnet
  - CD-ROMs

OCLC
Internet Resources

- A digital document (Web page, FTP file, e-mail message, etc.) that can be downloaded from a remote server over the Internet.

Rule 0.24 What’s out & what’s in

- Out
  - The starting point for description being the physical form of the item in hand.
Rule 0.24 What’s out & what’s in

- **In**
  - Bring out all aspects of the item being described including:
    - Content
    - Carrier
    - Type of publication
    - Bibliographic relationships
    - Published or unpublished
  - Follow the more specific rules applying to the item being catalogued, whenever they differ from the general rules.

1.1C1 General Material Designation

- **Out**
  - The GMD [computer file]
  - The GMD [interactive multimedia]
- **In**
  - The GMD [electronic resource]
Chapter 9 Title

- **Out** [old title]
- Computer Files
- **In** [new title]
- Electronic Resources
9.0A. Scope

**Out**
...the description of files that are encoded for manipulation by computer.

9.0A. Scope

**In**

Electronic resources treated in one of two ways:

- **Direct access (local)**
  - Physical carrier exists (disc/disk, cassette, cartridge) that can be described.
  - Must be inserted either directly into a computerized device or an accompanying peripheral.

- **Remote access (networked)**
  - Has no physical carrier.
  - Access provided by use of an input-output device (e.g., a terminal) connected to either a computer system (e.g., networked resource), or to resources stored on a hard disk or other non-removable storage device.
9.0B1. Chief source of information

**Out**
- The chief source of information for computer files is the title screen(s).

**In** [revised wording]
- The chief source of information for e-resources is the entire item.

9.0B1. Chief source cont’d

“Formally presented evidence” includes:
- title screen(s)
- main menus
- program statements
- initial display(s) of information
- homepages(s)
- file headers(s) including “Subject” lines
- encoded metadata
  - TEI headers
  - HTML/XML meta tags
- physical carrier or its labels
9.0B1 Footnote 1 defining “Label”

- In [rewording of definition]
- 9.0B1
  - Paper plastic etc., label permanently affixed to a physical carrier, or information printed or embossed directly onto the physical carrier by the publisher, creator, etc., of the resource, as opposed to those on the container or to any label added locally.

9.1. Title and Statement of Responsibility Area

- Out
- GMD [computer file]
- In
  - Chief source of information for the title and statement of responsibility as covered in 9.0B1
  - GMD [electronic resource].
**9.2. Edition Area**

- **Out**
- **Nothing**
- **In**
- New sentences, examples and rules.

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**9.2.B. Edition statement**

- **In** [revised wording and new information]
- **9.2B1.** Revised wording:
  - Transcribe a statement relating to an edition of an electronic resource that contains differences from other editions of that resource, or to a named reissue of a resource...
- **9.2B1.** New sentence:
  - For frequently updated remote access electronic resources, see 9.2B8.
- **9.2B1.** New example:
  - Interactive version.
9.2. Edition statement cont’d

- **In** [Revised wording & new example]
- **9.2B3**:  
  - [Version 7, Rev. version]
  - [Windows 95 ed.]

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9.2. Edition statement cont’d

- **In** [Revised wording]
- **9.2B4**:  
  - Do not treat an issue of a resource that incorporates minor changes as a new edition. Such minor changes...
9.2. Edition statement cont’d

- **In** [New text]

- **9.2B5.**
  - If an item consists of multiple physical carriers, including accompanying materials, and there are multiple edition statement relating to the whole as well as to the parts of the resource, transcribe only the edition statement(s) relating to the whole resource in the edition area. Edition statements relating to parts may be given in a note.

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9.2. Edition statement cont’d

- **In** [New rule]

- **9.2B8.**
  - If a remote access electronic resource is frequently updated, omit the edition statement and give the information in a note (see 9.7B7)
9.3. Type and Extent of Resource Area

- The names of the area and its sub-sections have been changed.
- 9.3. [New Area name]
  - **Out:** File characteristics area
  - **In:** Type and extent of resource area

9.3A1. Type of Resource

- **In** [Revised wording]
- **Punctuation:**
  - Enclose each statement of extent in parentheses.
  - Precede a statement of the number of records, statements, etc., by a colon when that statement follows a statement of the number of files.
9.3B1. Type of Resource

- **Out** [sub-section name change]
- Sub-section name “Designation”
- Omission of the qualification, use this area only “when the information is readily available”.
- Use of the word computer in the three prescribed resource types
- **In** [revised wording]
  - electronic data
  - electronic program(s)
  - electronic data and program(s)

9.3B2. Extent of Resource

- **Out** [sub-section name change & omissions]
- “Number of records, statements, etc.”
- Use of the word computer
- Omission of the qualification, “If a file designation is given”.
- Omission of the statement, “if the file is compressed”
**9.3B2. Extent of Resource cont’d**

- **In** [revised wording and two new examples]
  - Electronic data (1 file : 350 records)
  - Electronic data (550 records)
  - Electronic data (1 file : 600 records, 240,000 bytes)
  - Electronic data (1 file : 2.5 gb)
  - Electronic data (1 file : 1.2 magabytes)

**9.4.B Publication, Distribution, Etc. Area**

- **Out**
- Nothing
- **In** [New rule]
- **9.4B2. General rule**
  - Consider all remote access electronic resources to be published.
9.4.C. Place of publication, distribution, etc.

- **In** [Revised wording]
  - **9.4C1.** Give the place of publication, distribution, etc., of an electronic resource as instructed in 1.4C.
  - **9.4C2.** Do not record a place of publication, distribution, etc., for an unpublished electronic resource. Do not record *s.l.* in such a case.

9.4.D. Name of publisher, distributor, etc.

- **In** [Revised wording]
  - **9.4D1.** Give the place of publisher, etc., and optionally the distributor, of a published electronic resource as instructed in 1.4D.
  - **9.4D2.** Do not record the name of a publisher, distributor, etc., for an unpublished electronic resource. Do not record *s.n.* in such a case.
9.4.D. Name of publisher, distributor, etc. cont’d

In [New example]

9.4D1. Name of publisher, distributor, etc.
[Honolulu?] M.R. Ogden (A personal home page)

9.4.F Date of publication, distribution, etc.

In [Revised wording and new example]

9.4F1.
- Give the date of publication, distribution, etc., of a published electronic resource as instructed in 1.4F
- [Jamestown, N.D.] : Northern Prairie Science Center, [1995?]-

9.4F2.
- Give the date of creation of an unpublished electronic resource.
9.4.F. Date of publication, distribution, etc. cont’d

- **In** [New rule]

- **9.4F4.**
  - If there is no publication, distribution, etc., date which applies to the item as a whole, and the item has multiple copyright dates which apply to various aspects of the production (e.g. programming, sound production, graphics, documentation), transcribe only the latest copyright date.
  - Optionally, transcribe the other dates in a note (see 9.7B7) or in a contents note (see 9.7B18)
9.5. Physical Description Area

- **Out**
- **Nothing**
- **In**
  - Option to use the conventional terminology to record the specific format of the physical carrier (9.5B1).

9.5.B.1. Extent of item (including specific material designation)

- **In** [revised wording]
- **9.5B1.**
  - Examples:
    - computer chip cartridge
    - computer disk
    - computer optical disc
    - computer tape cartridge
    - computer tape cassette
    - computer tape reel
9.5.B.1. Extent of item (including specific material designation) cont’d

- **In**
  - Option to use the conventional terminology to record the specific format of the physical carrier.
    - 1 CD-ROM
    - 2 Photo CDs
    - 1 DVD

9.5.C. Other physical details

- **Out**
- **Nothing**
- **In [Revised wording]**
  - 9.5C1.
    - If the *resource is specified to have sound or is known to*, give *sd*. If *it is specified or known* to display in two or more colours, give *col*. 
9.5.C. Other physical details

- **In** [Revised wording and new examples]
- 9.5C2.
  - Optionally, give *other* physical characteristics (*e.g.*, recording density, sectoring), if readily available and if they are considered to be important.
  - 1 computer disk: sd., col., single sided, single density, soft sectored
  - 2 computer tape reels: 6,250 bpi
  - If such characteristics cannot be given succinctly, give them in a note (see 9.B10).

9.6. Series Area

- **Out**
- Nothing
- **In** [Additional instructions]
- 9.6A1. Punctuation
  - Enclose a date following a numeric and/or alphabetic designation in parentheses.
  - Precede the title of a subseries, or the designation for a subseries, by a full stop.
  - Precede the title of a subseries following a designation for the subseries by a comma.
9.7. Note Area

- **Out**
- **Nothing**
- **In**
  - The content of several of the rules for the notes changed slightly.
  - Several new examples have been added.
  - There is one completely new note: 9.7B22: Item described.

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9.7B1. Nature and scope, system requirements, and mode of access note

- **Out**
- **Name of note**
- **In [New name]**
  - Nature and scope, system requirements, and mode of access note
9.7B1. Nature and scope, system requirements, and mode of access note

- **In** [New characteristics]
- **9.7B1. b)**
  - the type of any required or recommended hardware modifications

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9.7B1. Nature and scope, system requirements, and mode of access note

- **Out** [Removed examples]
  - System requirements: Apple family; 48K RAM; DOS 3.3
  - System requirements: Commodore Super PET SP9000; 64K; Commodore BASIC, version 4.0; dual disk drive
  - System requirements: Apple II or higher; 48K; DOS 3.3; Applesoft BASIC; some programs require game paddles
9.7B1. Nature and scope, system requirements, and mode of access note

- **In** [Added example]
  - Three new examples have been added that give helpful guidance on possible wording for 246 $i$:
    - **Title in HTML header**: American Birding Association home page
    - **Former title**: Butterflies of the United States (*Web resource title changed to*: Butterflies of North America)
    - **Second title screen**: Personal finances and other applications

9.7B4. Variations in title note

- **Out**
- Nothing
- **In**
- Three new examples have been added that give helpful guidance on possible wording for 246 $i$:
  - **Title in HTML header**: American Birding Association home page
  - **Former title**: Butterflies of the United States (*Web resource title changed to*: Butterflies of North America)
  - **Second title screen**: Personal finances and other applications
9.7B7. Edition and history note

- In
- New examples:
  - Frequently updated; last update: 2/18/97
  - Re-published on the Internet, Nov. 1997
  - Originally published in print: Pierre, SD: South Dakota Dept. of Game, Fish & Parks, Wildlife Division, c1991. (Report / South Dakota Division of Wildlife; no. 91-04)

9.7B8. Type and extent of source note

- Out
- Old name: “File characteristics.”

- In
- New name:
  - “Type and extent of resource.”

- New example:
  - File size: 520, 300, 280, 400, 320, 400, 500 records.
9.7B11. Accompanying material note

- Out
- Nothing
- In

New example

- Set accompanied by one teacher’s and parent’s guide, titled: Using primary sources / by James A. Peroco; and one user’s guide. A teacher’s guide accompanies each disc.

9.7B16. Other formats note

- Out
- Nothing
- In

New example

- Database also on CD-ROM; included in: Arctic and Antarctic regions (National Information Services Corp.)

- Database and other associated documentation available in a Mac version and in four PC-compatible formats: table-delimited ASCII file; SPSS portable file; Excel file; SAS formatted file
9.7B20. Copy being described, library’s holdings, and restrictions on use note

- **Out**
- Example: File closed until Jan. 1990
- **In**
- New example
  - Resource copied Apr. 1999 from local area network
  - Restricted to users at subscribing institutions

9.7B22. Item described note

- **Out**
- Nothing
- **In**
- New note
  - Resource copied Apr. 1999 from local area network
  - Restricted to users at subscribing institutions
**Glossary**

- **Electronic Resource**: new term; for changes to the definition, see the discussion of rule 9.0A. Scope.

- **Disk (Electronic resources)**: previously defined in a footnote in Chapter Nine.

- **File (Electronic resources)**: describes "a basic unit which electronic resources are organized and stored. Electronic resources can contain one or more files." This is the only valid use of the term "file" that remains in AACR.

- **Optical disc (Electronic resources)**: "disc" previously described in a footnote in Chapter Nine.

- **Deleted terms**: File name (Computer files); Multipart file
Glossary: Changed Terms

- **Computer file**: is now a reference to “Electronic Resource”.
- **Container**: the definition has been edited for clarity, to distinguish the container from the physical carrier.
- **Direct access (Electronic resources)**: qualifier updated.
- **Edition: Electronic resources**: qualifier updated.
- **Remote access (Electronic resources)**: qualifier updated.
- **Sleeve**: definition expanded; a “protective envelope” for any bibliographic material, not just for a sound disc.
- **Title Screen (Electronic resource)**: qualifier updated.

Chapter 9: Area 3  Up for discussion

- ALA proposal to remove area 3 from chapter 9. Constituencies were asked to further consider the options presented.
- The usefulness of the “file description area” has been questioned.
- There seems to be agreement that Area 3 should be eliminated from the rules.
- The remaining question is where information about the type and extent of the resource should be recorded in the description.
Chapter 9: Area 5 - Remote Resources

- A footnote to rule 9.5 currently states that a physical description is not given for remote-access resources – presumably on the grounds that there is no physical carrier to describe.
- This rule has also been questioned.
- The "physical description" has never been restricted to physical characteristics: for example, sound and colour apply to the content of the resource, and duration is a measure of the extent of the content.
- The current situation leads to inconsistency in whether the same specific material designation (SMD) for a networked electronic resource?
- The issue is unresolved, and discussions continue.

Further Chapter 9

- Joint Steering Committee for Revision of AACR
  http://www.nlc-bnc.ca/jsc/
- ALCTS/CCS/Committee on Cataloging: Description and Access
  http://www.ala.org/alcts/organization/ccs/ccda/ccda.html
- PCC Task Group on Implementation of Integrating Resources
  http://www.loc.gov/catdir/pcc/standards.html
E-resources, the final frontier.

These are the voyages of the Starship Enterprise.

Our never ending mission, to explore strange new web sites.
To seek out new formats and new standardizations.
To boldly go where no cataloger had gone before.

Acknowledgements

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References


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References

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