

# Bib-2 Attribute Set (Z39.50)

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## DOCUMENT HISTORY

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### VERSION 1.0

- Issued 2002-09-10.

#### CHANGES IN THE NINETH DRAFT (2002-03-26 - 2002-09-09)

- Deleted Bib-2 Expansion/Interpretation attributes (1) adjacent words, (2) all of these words, (3) any of these words, (4) left anchored. (Format/Structure attributes for (1) adjacent words, (2) all of these words, (3) any of these words added to Utility Set. Left anchored added to Utility Set as Expansion/Interpretation attribute (18).)
- Deleted Bib-2 Format/Structure attribute (1) Set of Words and renumbered the three remaining Bib-2 Format/Structure attributes.
- Revised examples that used above attributes and text in section on Utility Set that discussed these attributes.
- Added headers and footers to document.

#### CHANGES IN THE EIGHTH DRAFT (2001-08-29 - 2002-03-25)

- Renamed as "Final Draft"
- OID assigned: {1.2.840.10003.3.18}
- Added Bib-2 Expansion/Interpretation attributes (1) adjacent words, (2) all of these words, (3) any of these words, (4) left anchored.
- Revised Bib-2 Format/Structure attributes: removed values (1) adjacent words, (2) all of these words, (3) any of these words (now values of Bib-2 Expansion/Interpretation); added (1) set of words.
- Added introductory text for each table of attribute values (e.g., intro to Content Authorities for Geographic Referents)
- Assigned numbers to Bib-2 attributes
- Revised examples to include number references for each attribute.
- Added UNIMARC examples (courtesy of Liv Holm and Joe Altimus) to parallel Source info provided for MARC 21
- Separated out list of Content Authorities for Subject derived from codes specified in MARC 21 tag 650, 2<sup>nd</sup> indicator

- Renamed section from Bib-2 Access Point Attributes to Bib-2 Attributes and added subsection Introductory Notes to cover generally applicable notes on use of standard lists of code values and examples.
- Added labels and numbers to attributes in examples

#### **CHANGES IN THE SEVENTH DRAFT (2001-07-10 – 2001-08-28)**

Merged Semantic Qualifiers for GEOGRAPHIC REFERENT, leaving two values: place of publication, production or execution and place of event.

Redefined Bib-2 Format/Structure Attributes for searching personal names, to remove “modern European orientation”, assuming that the last name is the surname, and that names are entered in catalogues in inverted order. Replaced values with term “entry element” as used in AACR2rev. Added illustrative examples.

Text in notes for Subjects, Names and Resource Identifiers “softened”, removing statements that implied mandatory requirements, replacing them with recommendations

Added caption titles tables summarizing attribute usage for access points defined in Bib-2 and for the Cross-Domain Access Point Attributes used in Bib-2.

Added BICI as Resource Identifier; added title of standard to bibliography.

Changed all the citations for MARC21 from “[e.g., MARC 21 999]” to “Source: MARC21 999”  
When available, citations for other versions of MARC will be added here.

Citation for standards standardized within square brackets.

Corrected a multitude of typos that occurred in the retyping of the document.

#### **CHANGES IN THE SIXTH DRAFT (2001-05-22 –2001- 07-10)**

Revised examples for DURATION, GEOGRAPHIC REFERENT, DATE, NAME as follow-up to LeVan comments.

Revised GEOGRAPHIC REFERENT, adding Content Authorities for LC Classification Class G and Geographic Cutters, to be used in Place of Event (to cover info tagged in MARC tag 033), and generalizing values for Semantic Qualifiers. Added more examples to illustrate how this might be used with different combinations of Content Authorities and Semantic Qualifiers.

Added brief definitions and examples for Bib-2 Format/Structure Attributes

Added Format/Structure attributes for DATE (in parallel to what had been done for Duration)

Added note re using Utility Set’s Expansion/Interpretation attributes in DESCRIPTION preamble and illustrated such use in revised example.

Removed GMD and SMD as choices of Semantic Qualifiers for FORMAT and indicated that the Content Authority: ISBD includes both GMD and SMD.

Added ISO 639-1 as option for Content Authority for LANGUAGE.

Added note re Treatment of Hyphens in RESOURCE INDICATOR preamble.

Added definitions for values in Content Authorities for FORMAT, Semantic Qualifiers for NAME, SUBJECT and TITLE, Functional Qualifiers for SUBJECT.

Added Format/Structure attributes for NAME example.

Under SUBJECT, added U.S. Dept. of Defense Classification as a Content Authority for Topical Subject (Maybe need a new class, as this is only defined for Geographic Classification?)

Added [Cross Domain] as qualifier to Access Point label in all examples.

Assigned numbering to Bib-2 access point attributes; added reference numbering to access point attributes in Cross-Domain list

Deleted all occurrences of “other” and “unknown.” Reasoning is that in cases where searcher does not know a value, no qualifiers should be sent as part of the search string.

Reviewed and revised definitions to remove attributions (e.g., references to Bib-1)

Reworded UTILITY SET ATTRIBUTES intro (to get rid of phrase “useful for use...”)

Added publication details to References. Also new references for MARC21 and AACR2.

Retyped the document - drastic solution to clear up formatting problems and permit creation of pdf file. Much easier to manipulate document now.

#### CHANGES IN THE FIFTH DRAFT (2001-01-15 – 2001- 03-09)

- Revised the Scope
- Added basic examples for each access point.
- Removed note on DATE from list of Bib-2 access points. Also merged values of Semantic Qualifiers for Dates into list of values for Functional Qualifiers for Dates.
- Added Format/Structure attribute for DURATION.
- GEOGRAPHIC REFERENT: Removed **LC Classification – Class G** as a Content Authority. This can be searched using the Cross-Domain SUBJECT access point with the Semantic Qualifier = Classification and the Content Authority = LC Classification. (NOTE that this action was reversed in Draft 6 to cover the place of event.
- GEOGRAPHIC REFERENT: Moved **USMARC Code List for Geographic Areas** to list of Cross-Domain SUBJECT Content authorities.
- Removed MICROFORM GENERATION as a Bib-2 Access Point Attribute. This information can be searched more efficiently using the MARC Attribute Set.

- Reviewed list of Semantic Qualifiers for Numbers and removed those which are appropriate for use as qualifiers for (Cross Domain) Resource Identifiers. Added them to new list of Semantic Qualifiers for Resource Identifiers.
- After a review of the content authorities for many of the Content Authorities for NUMBERS, removed NUMBERS as a separate Bib-2 Access Point Attribute. Semantic Qualifiers and Content Authorities were added as appropriate to either the Cross-Domain RESOURCE IDENTIFIER access point (i.e., added or the Cross-Domain SUBJECT access point (i.e., added Classification as a Semantic Qualifier and Bliss, DDC, LC Classification, MOS, UDC, etc. as Content authorities.)

Added note that the Utility Set Attribute access point “Local Call Number of Record” is to be used when searching for those resource identifiers that are locally assigned by the holder of the item.

- Moved references to use of various MARC Relators, Sources, Description Conventions Codes in XD NAME and SUBJECT to introductory notes in the appropriate sections. Added examples of codes that might be used, and notes on the usage of these codes.
- Added a note at beginning of section on Utility Set Attributes that on use of other values and attributes from this set.
- Removed Format/Structure as a Utility Set Attribute (since the Utility Set has not defined any values for this attribute) and added a new table for this attribute as a Bib-2 Attribute.

#### **CHANGES IN THE FOURTH DRAFT (2000-11-21)**

- Added Referenced Standards; combined with references to Other Z39.50 Attribute Architecture documents in a new section REFERENCES.
- Created new “Attribute Set for Searching Music Materials” and moved music-related attributes to that set.
- Reorganized layout, brought together all information on each access point attribute in one place, enhanced with more definitions of data (from MARC21) and added searching examples to the Bib-2 access point attributes.
- Separated out Cross-Domain attributes from the “pure” Bib-2 attributes. Noted that there are not many “pure” Bib-2 attributes left at the end of the exercise...
- Separated out Cross-Domain qualifiers for date (those associated with the resource) and the Utility qualifiers for date (those associated with the record or metadata), added an explanatory paragraph in the Bib-2 text and deleted the following values from the Cross-Domain semantic qualifiers for Dates:
  - Date record added to database
  - Date record status assigned
  - Last modification date (This date, in MARC 21, definitely refers to the record not the resource.)

- Added Functional Qualifiers for Date.
- Changed NOTE to Cross-Domain DESCRIPTION and added Semantic Qualifiers. Pared down the list of Semantic Qualifiers to only those that provided substantive information.
- Changed TOPICAL SUBJECT to Cross-Domain subject, and added Semantic Qualifiers topical and other types of subjects and Functional Qualifiers to provide attributes for main headings and subdivisions.
- TREATMENT deleted as a separate access point and added as a Semantic Qualifier for Cross Domain SUBJECT.
- INDEXED BY deleted as a separate access point. Can be handled as a Semantic Qualifier for Cross Domain TITLE.
- INSTITUTION access point merged with Cross-Domain NAME.
- RECORD SOURCE deleted. as a separate access point. Can be handled by the Utility Set.
- Deleted KIND OF PATENT APPLICATION as it was unclear where the information would be found identified as such in a bibliographic record. If required, should be handled in separate Patent Attribute Set.
- Text added in the Scope to note that attributes with one-to-one relationships with MARC tags will be defined only in the MARC Attribute Set. Access points that appear to be derived from specific MARC tags, such as BIBLIOGRAPHIC LEVEL, RECORD LINKING TYPE and RECORD STATUS, were deleted from Bib-2.
- Barbara Shuh, NLC, acted as editor for draft four.
- Moved Attribute Definitions to end of document; these will retained for context, at least until Bib-2 is finalized.
- Renamed following attributes to conform to Cross-Domain name:

<b>Former Name</b>	<b>New Name</b>
Form or genre	Resource type
Language of Item	Language
Material Type	Format

- Barb Shuh and Lennie Stovel added “Comments” to document the discussion of questions and outstanding issues. (These Comments are accessible by Viewing Comments in Word or by printing the comments.)

#### **CHANGES IN THE THIRD DRAFT (2000-01-10)**

- Delete Chronological subject use attribute
- Add definitions from ISO/DIS 8459-5
- Add definitions from the Cross-Domain attribute set
- Add definitions from bib-1
- Miscellaneous minor and editorial changes

#### **CHANGES IN THE SECOND DRAFT**

- Functional Qualifier added
- Access point Identifier added (to distinguish identifiers from numbers)
- Format/structure attribute Key changed to Derived Key
- Utility attributes section aligned with Draft 3, July 1999
- Cross-Domain (version 1.3) attributes added

Miscellaneous minor and editorial changes