#bibframe and RDA and Profiles
The Bibliographic Framework Initiative will re-imagine and implement a bibliographic environment for a post-MARC, networked world.
Core Classes

Work
Instance
Authority
Annotation
Resource reflecting the conceptual essence of the cataloged item.
Resource reflecting a material embodiment of a BIBFRAME Work.
An Authority represents a key Concept or Thing. Works and Instances, for example, have defined relationships to these important Concepts and Things.
Authority

For a

Person
Organization
Family
Meeting
Jurisdiction
Place
Topic
Temporal Concept
Annotation

Resource that asserts additional information about another BIBFRAME resource.
Bibframe and RDA
Las aventuras de Huck / Mark Twain ; traducción y prólogo de Carlos Pereyra.

312 pages ; 24 cm

Finn, Huckleberry Fiction.
Runaway children Fiction.
Boys Fiction.
Mississippi River Fiction.
000 00728cam a2200217u 450
001 12010145
005 20040316101221.0
008 000516q19201929sp f 000 0 spa
010 __ $a 92004818
040 ‡a DLC ‡c DLC ‡d DLC
050 ‡a PS1305 ‡b .A66 1920
100 ‡a Twain, Mark, ‡d 1835-1910, ‡e author.
240 ‡a Adventures of Huckleberry Finn. ‡i Spanish
245 ‡a Las aventuras de Huck / ‡c Mark Twain ; traducción y prólogo de Carlos Pereyra.
264 ‡a Madrid : ‡b R. Caro Raggio, ‡c 1920.
300 ‡a 312 pages ; ‡c 24 cm
600 ‡a Finn, Huckleberry ‡v Fiction.
650 ‡a Runaway children ‡v Fiction.
650 ‡a Boys ‡v Fiction.
651 ‡a Mississippi River ‡v Fiction.
BIBFRAME Instance & RDA Manifestation

000 00728cam a2200217u 450
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BIBFRAME Profiles: Introduction and Specification
Draft — 5 May 2014

This document introduces and defines BIBFRAME Profiles, and describes how they are created, maintained and used. It gives an overview of the purpose of BIBFRAME Profiles, describes how they can be used to support unique community's descriptive practices, and provides specific examples of how profiles can be constructed.

Status of this Document
- Draft for public review (5 May 2014)
- Please send general comments about this document to the listserv bibframe@loc.gov or via email to bcommenis@loc.gov.
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- Serialization
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BIBFRAME Profile “spec” describes...

...an information model and reference serialization to support a means for identifying and describing structural constraints.
A Profile...

...defines a means in which a resource can be constrained to enumerate the properties that may be used to describe it, and the ways the property values surrogate may be given.

...is primarily a means for an application, e.g. cataloging tool, to guide a cataloger in the creation or modification of a BIBFRAME record.
Structurally, a Profile...

...is defined by a set of "resources templates."

Each resource template is further defined by an array of "property templates."

"Value Constraints" can be applied to properties and they define or constrain the permissible values associated with properties.
{ "Profile": {
  "id": "profile:bf:WEMI",
  "title": "WEMI - Simple",
  "resourceTemplates": [
    {
      "resourceURI": "http://bibframe.org/vocab/Work",
      "id": "profile:bf:WEMI:Work",
      "resourceLabel": "Work",
      "propertyTemplates": [
        {
          "propertyURI": "http://bibframe.org/vocab/sameWork",
          "propertyLabel": "Lookup",
          "type": "resource",
          "valueConstraint": {
            "repeatable": "false",
            "useValuesFrom": ["http://id.loc.gov/resources/works"
          ]
        }
      ]
    }
  ]
}
Demo Time
LC BIBFRAME website:  
http://www.loc.gov/bibframe/

BIBFRAME Vocabulary  
http://bibframe.org/vocab/

BIBFRAME Tools  
http://bibframe.org/tools/

Compare MARC-2-BIBFRAME  
http://bibframe.org/tools/compare/

BIBFRAME Editor  
http://bibframe.org/tools/editor/

Join the conversation:  
http://listserv.loc.gov/listarch/bibframe.html

Grab some code:  
https://github.com/lcnetdev/