FRBRer vs ISBD:
OWL vs DC AP

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FRBRer

- Functional Requirements for Bibliographic Records (entity-relationship)
  - Conceptual model based on recent thinking
  - So nothing "mandatory", sequenced, encoded
- Monolithic "record" split into 4 related parts
  - Cardinality constraints
  - Disjoint classes (10)
- Many properties with specific types
  - Inverse pairs, symmetric, disjoint, transitive …

Found 118 uses of Expression

Concept
　　Expression DisjointWith Concept

'Corporate Body'
　　Expression DisjointWith 'Corporate Body'

Event
　　Expression DisjointWith Event

Expression
　　Expression SubClassOf 'is realization of' exactly 1 Work
　　Expression DisjointWith Object
　　Expression DisjointWith Item
　　Expression DisjointWith 'Corporate Body'
　　Expression DisjointWith Manifestation
　　Expression DisjointWith Place
　　Expression DisjointWith Event
　　Expression DisjointWith Concept
　　Class: Expression
　　Work DisjointWith Expression
　　Expression DisjointWith Person

Item
　　Expression DisjointWith Item

Manifestation
　　Expression DisjointWith Manifestation
　　Manifestation SubClassOf 'is embodiment of' min 1 Expression

ISBD

- International Standard Bibliographic Description
  - Data model, basis of MARC encoding
  - Used by national agencies for interchange
- Monolithic record composed of 9 sub-blocks (Areas)
  - Sequencing and punctuation important
  - No relationship between Areas
  - Sub-aggregations with Areas
- "Mandatory if applicable"?
- Comprehensive usage guidelines
  - Area 0 uses controlled vocabularies for content

Label ⓘ	Type	URI ▲ ⓘ	Status
Resource	class	.../ns/isbd/elements/C2001	New-Proposed
ISBD Syntax Encoding Scheme	subclass	.../ns/isbd/elements/C2002	New-Proposed
Content Form And Media Type Area Encoding Scheme	subclass	.../ns/isbd/elements/C2003	New-Proposed
Title And Statement Of Responsibility Area Encoding Scheme	subclass	.../ns/isbd/elements/C2004	New-Proposed
Edition Area Encoding Scheme	subclass	.../ns/isbd/elements/C2005	New-Proposed
Material Or Type Of Resource Specific Area Encoding Scheme	subclass	.../ns/isbd/elements/C2006	New-Proposed
Publication, Production, Distribution, Etc Area Encoding Scheme	subclass	.../ns/isbd/elements/C2007	New-Proposed
Physical Description Area Encoding Scheme	subclass	.../ns/isbd/elements/C2008	New-Proposed
Series And Multipart Monographic Resource Area Encoding Scheme	subclass	.../ns/isbd/elements/C2009	New-Proposed
Note Area Encoding Scheme	subclass	.../ns/isbd/elements/C2010	New-Proposed
Resource Identifier And Terms Of Availability Area Encoding Scheme	subclass	.../ns/isbd/elements/C2011	New-Proposed
Mathematical Data Area Encoding Scheme	subclass	.../ns/isbd/elements/C2012	New-Proposed
Music Format Statement Area Encoding Scheme	subclass	.../ns/isbd/elements/C2013	New-Proposed
Numbering Area Encoding Scheme	subclass	.../ns/isbd/elements/C2014	New-Proposed
Specific Material Designation And Extent Encoding Scheme	subclass	.../ns/isbd/elements/C2015	New-Proposed
Other Physical Details Encoding Scheme	subclass	.../ns/isbd/elements/C2016	New-Proposed
Statement Of Coordinates And Equinox Encoding Scheme	subclass	.../ns/isbd/elements/C2017	New-Proposed
Place Of Publication, Production, Distribution Statement Encoding Scheme	subclass	.../ns/isbd/elements/C2018	New-Proposed
Name Of Publisher, Producer, Distributor Statement Encoding Scheme	subclass	.../ns/isbd/elements/C2019	New-Proposed
Statement Of Printing Or Manufacture Encoding Scheme	subclass	.../ns/isbd/elements/C2020	New-Proposed