BIBFRAME Item Proposal

June 24, 2015 *(typo corrected, September 10)*

Library of Congress

This is one of a group of change proposals for the BIBFRAME Vocabulary. In early 2014 the vocabulary was stabilized with the intent to keep it stable for a year for experimentation and discussion invited. This proposal is based on that discussion and suggestions from experts and the community over the year. Comments welcome to BIBFRAME@listserv.loc.gov .

By this proposal:

- Classes bf:HeldItem and bf:HeldMaterial are merged into a single class, bf:Item, a core class (not a subclass of bf:Annotation).
- A bf:Item may have components, each of which is a bf:Item.

The first removes the strong coupling of holdings and annotations; they remain loosely coupled. A bf:Item may be created and exist without being an annotation, or, it may be submitted as the body of an annotation. A bf:Item is referred to informally as either a simple item or a compound item. A simple item has no components; a compound item has components. (And the components of a compound item may be simple or compound.) Thus, a compound Item functionally serves the purpose of what was previously HeldMaterial; that is, a compound Item may be thought of, informally, as a summary description of several Items.

Classes

Class	SubClass Of
bf:Item	bf:Resource
bf:UsageAndAccessCondition	bf:Resource
bf:ShelfMark	bf:Identifier
bf:ShelfMarkDdc	bf:ShelfMark
bf:ShelfMarkLcc	bf:ShelfMark
bf:ShelfMarkNlm	bf:ShelfMark
bf:ShelfMarkUdc	bf:ShelfMark
bf:Barcode	bf:Identifier

Properties

Property	Property Of	Expected Value
bf:identifiedBy	bf:Resource	bf:Identifier, or a subclass (see note 1)
bf:componentOf	bf:Item	bf:Item (see note 2)
bf:hasComponent	bf:Item	bf:Item (see note 3)
bf:hasNote	bf:Resource	bf:Note (See note 4)
bf:usageAndAccess	bf:Item	bf:UsageAndAccessCondition (note 5)
bf:hasCondition	bf:UsageAndAccessCondition	RDF Resource
bf:enumerationAndChronology	bf:Item	Literal
bf:electronicLocator	bf:Item	Literal
bf:heldBy	bf:Item	bf:Organization
bf:hasHolder	bf:Agent	RDF Resource
bf:itemOf	bf:Item	bf:Instance
bf:subLocation	bf:Item	Literal

Notes:

1. Barcode and shelfMark(s) are each represented by a bf:Identifier, consistent with the Identifier proposal (forthcoming).
2. The object of bf:componentOf should always be a compound item. Its subject may be a simple or compound item.
3. The object of bf:hasComponent may be a simple or compound item. Its subject should always be a compound item.
4. bf: note is renamed bf:hasNote. It's range is bf:Note (to be defined, in a separate proposal, forthcoming). Subclasses of bf:Note may be defined for note types pertaining to items; none has been defined yet.
5. Class bf: UsageAndAccessCondition would cover access conditions, as well as policies including those for lending, reproduction, and retention. Subclasses may be defined for these and other individual types, but none is yet defined. It is a structure that may include a literal (rdfs:label), a resource (bf:hasCondition), or both.

Examples

In the following examples, Item 1 is a compound item which is a summary description of its components, simple items 2, 3, and 4. Item 5 is a simple item, not a component; it is an item of an instance which is a digital version corresponding to item 4.

Item 1 – Compound Item

```
<http://bibframe.example.org/item/item1>
        a                          bf:Item ;
        bf:hasComponent            <http://bibframe.example.org/item/item2>      ;
        bf:hasComponent            <http://bibframe.example.org/item/item3>      ;
        bf:hasComponent            <http://bibframe.example.org/item/item4>      ;

        bf:heldBy    [
                a                          bf:Organization ;
                rdfs:label                 "DLC"   ;
                bf:hasHolder               <http://id.loc.gov/vocabulary/organizations/dlc> .  ]  ;

        bf:subLocation             "Prints and Photographs Division Washington, D.C. 20540 USA"  ;

        bf:usageAndAccess   [
                a                          bf:UsageAndAccessCondition ;
                rdfs:label                 "Copyright and Other Restrictions apply"  ;
                bf:hasCondition            http://bibframe.example.com/condition/conditionX .  ]  ;

        bf:hasNote     [
                a                          bf: Note  ;
                rdf:value                  "Daguerreotypes collection 1840-1860" . ] .
```

Item 2 – Simple Item

```
<http://bibframe.example.org/item/item2>
        a                           bf:Item ;

        bf:identifiedBy [
                a                   bf:ShelfMark ;
                rdf:value           “DAG no. 1410” . ]  ;

        bf:componentOf              <http://bibframe.example.org/item/item1>      ;
        bf:itemOf                   <http://bibframe.example.org/instance/instance1>     .
```

Item 3 – Simple Item

```
<http://bibframe.example.org/item/item3>
        a                           bf:Item ;
        bf:identifiedBy [
                a                   bf:ShelfMark ;
                rdf:value           “DAG no. 1411” . ]  ;

        bf:componentOf              <http://bibframe.example.org/item/item1>      ;
        bf:itemOf                   <http://bibframe.example.org/instance/instance2>     .
```

Item 4 – Simple Item

```
<http://bibframe.example.org/item/item4>
        a                           bf:Item ;

        bf:identifiedBy [
                a                   bf:ShelfMark ;
                rdf:value           “DAG no. 1412” . ]  ;

        bf:componentOf              <http://bibframe.example.org/item/item1>      ;
        bf:itemOf                   <http://bibframe.example.org/instance/instance3>     .
```

Item 5 – Simple Item

```
<http://bibframe.example.org/item/item5>
        a                           bf:Item ;
        bf:electronicLocator        “http://hdl.loc.gov/loc.pnp/cph.3g11323”  ;
        bf:itemOf                   <http://bibframe.example.org/instance/instance3>     .
```