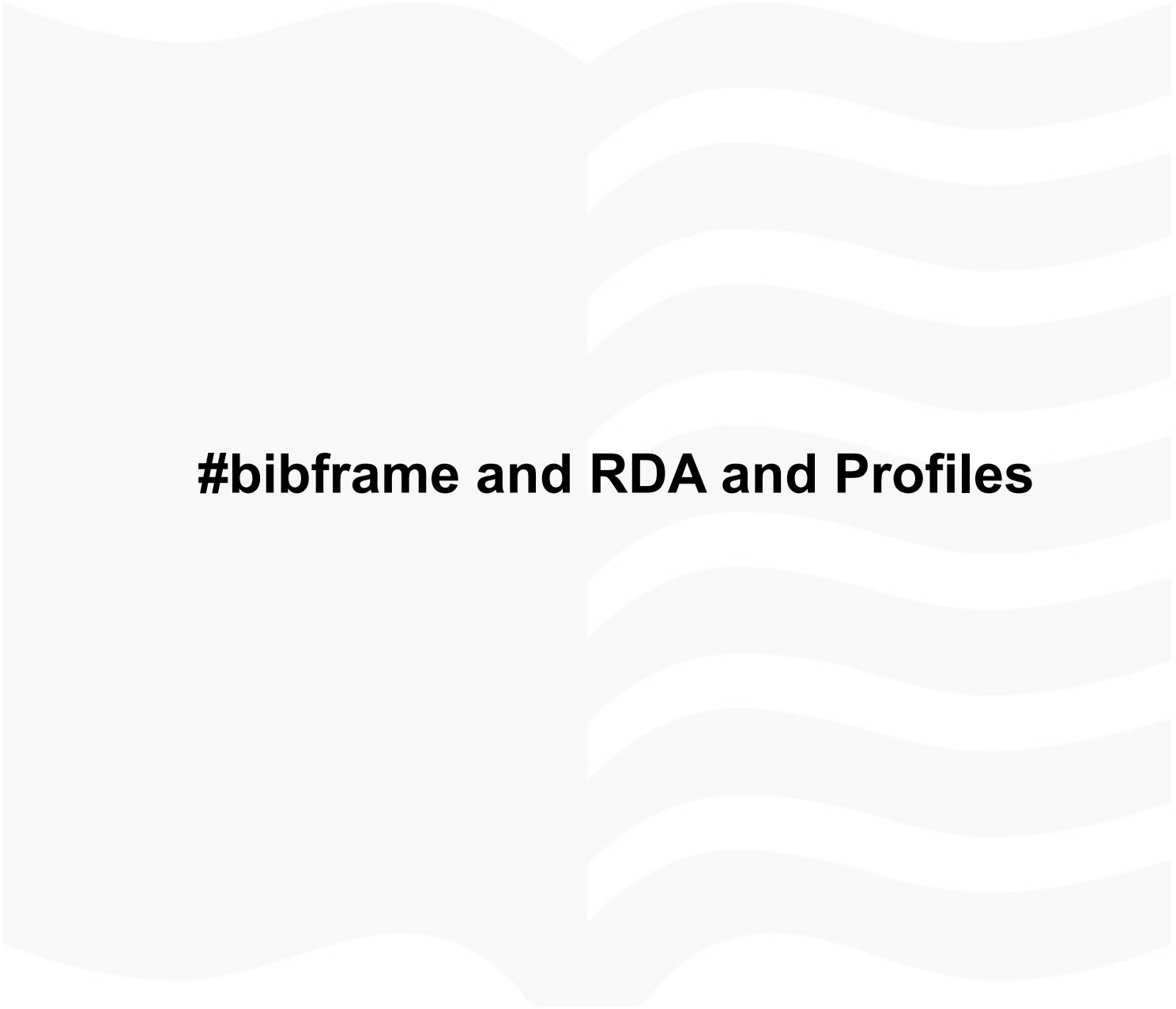




#bibframe and RDA and Profiles



LIBRARY OF CONGRESS

Kevin Ford [kefo@loc.gov; @3windmills]

10 October 2014

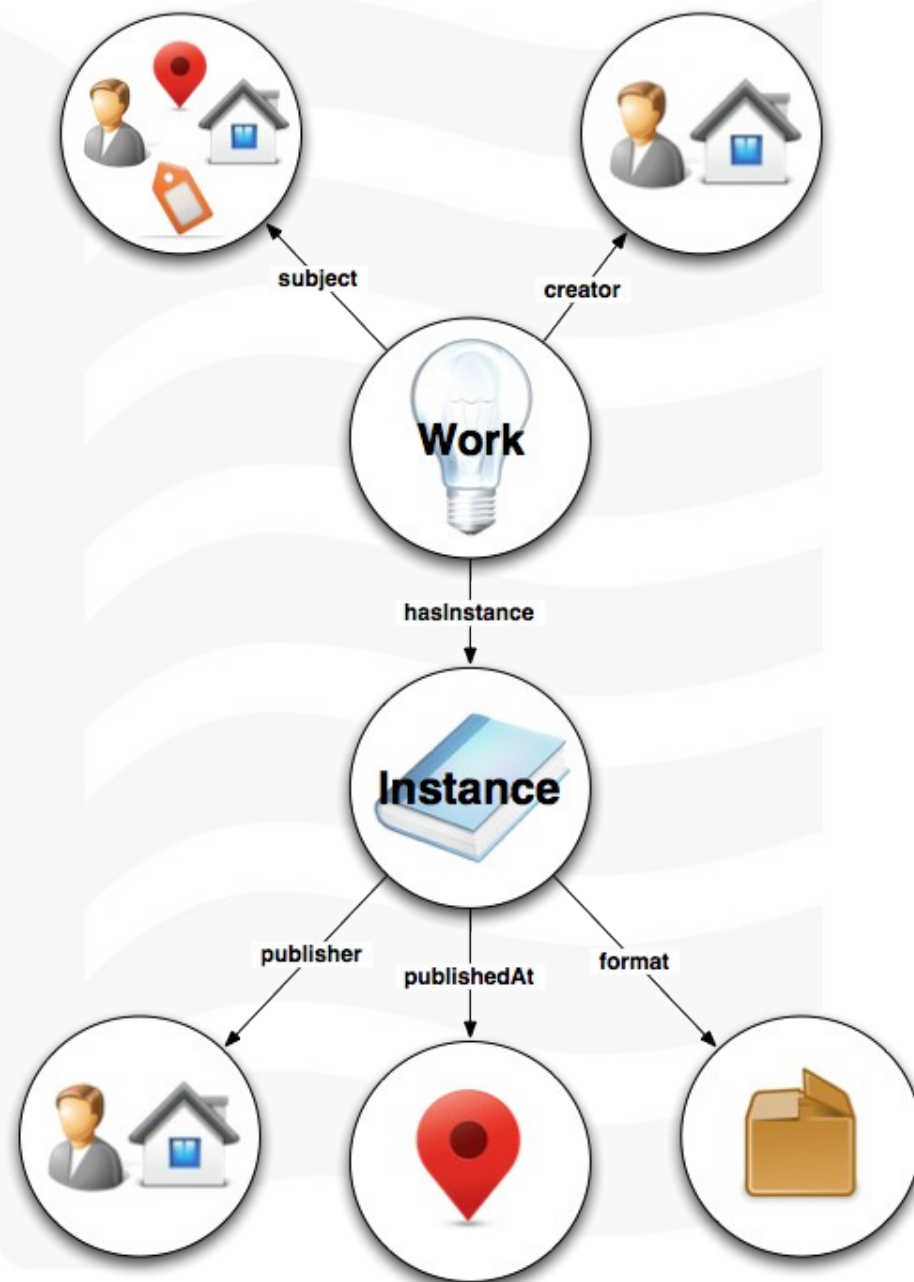
Dublin Core Conference 2014, Austin, TX

**The Bibliographic Framework Initiative
will re-imagine and implement a
bibliographic environment for a post-
MARC, networked world.**

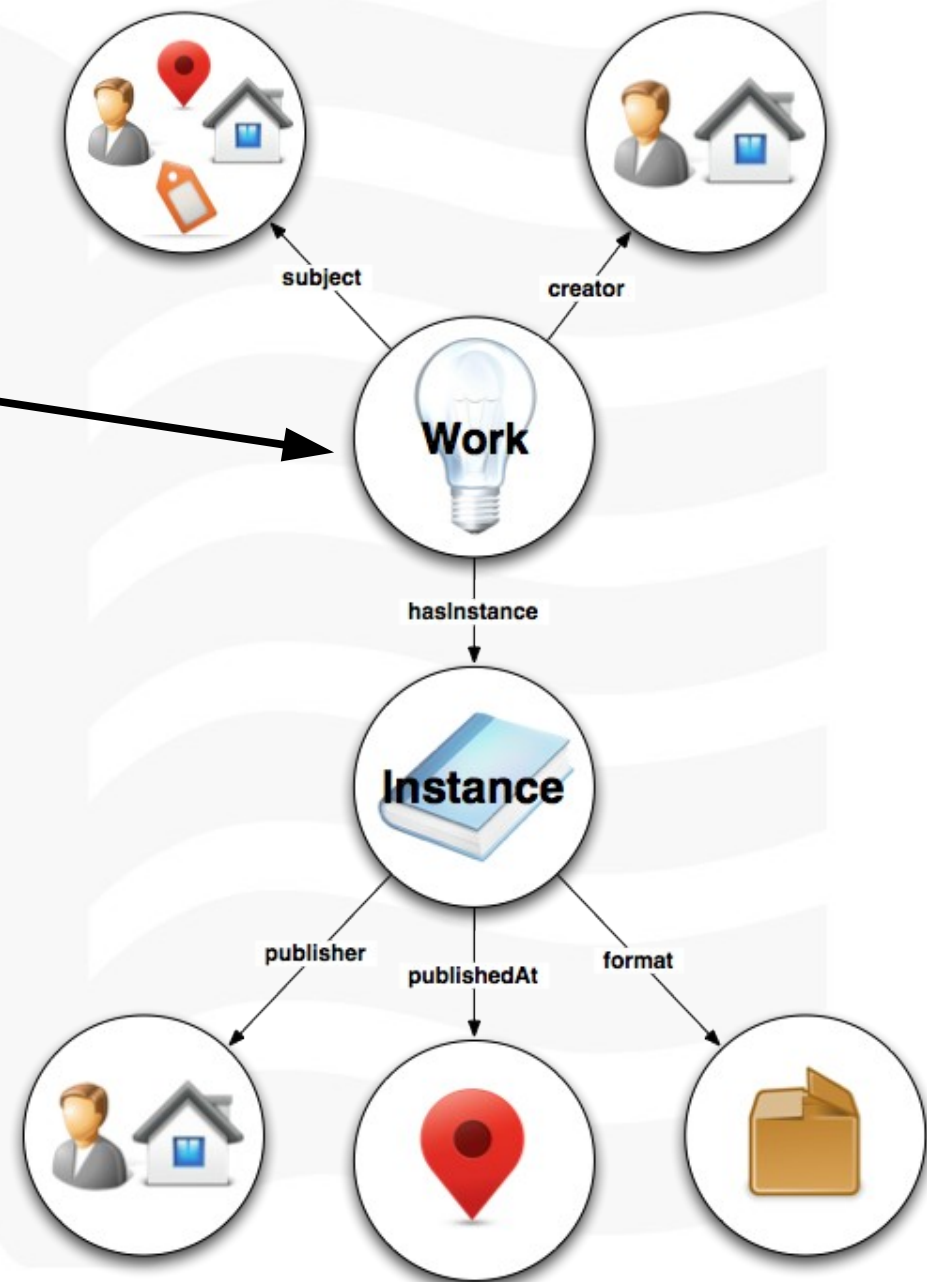


Core Classes

Work
Instance
Authority
Annotation



Work

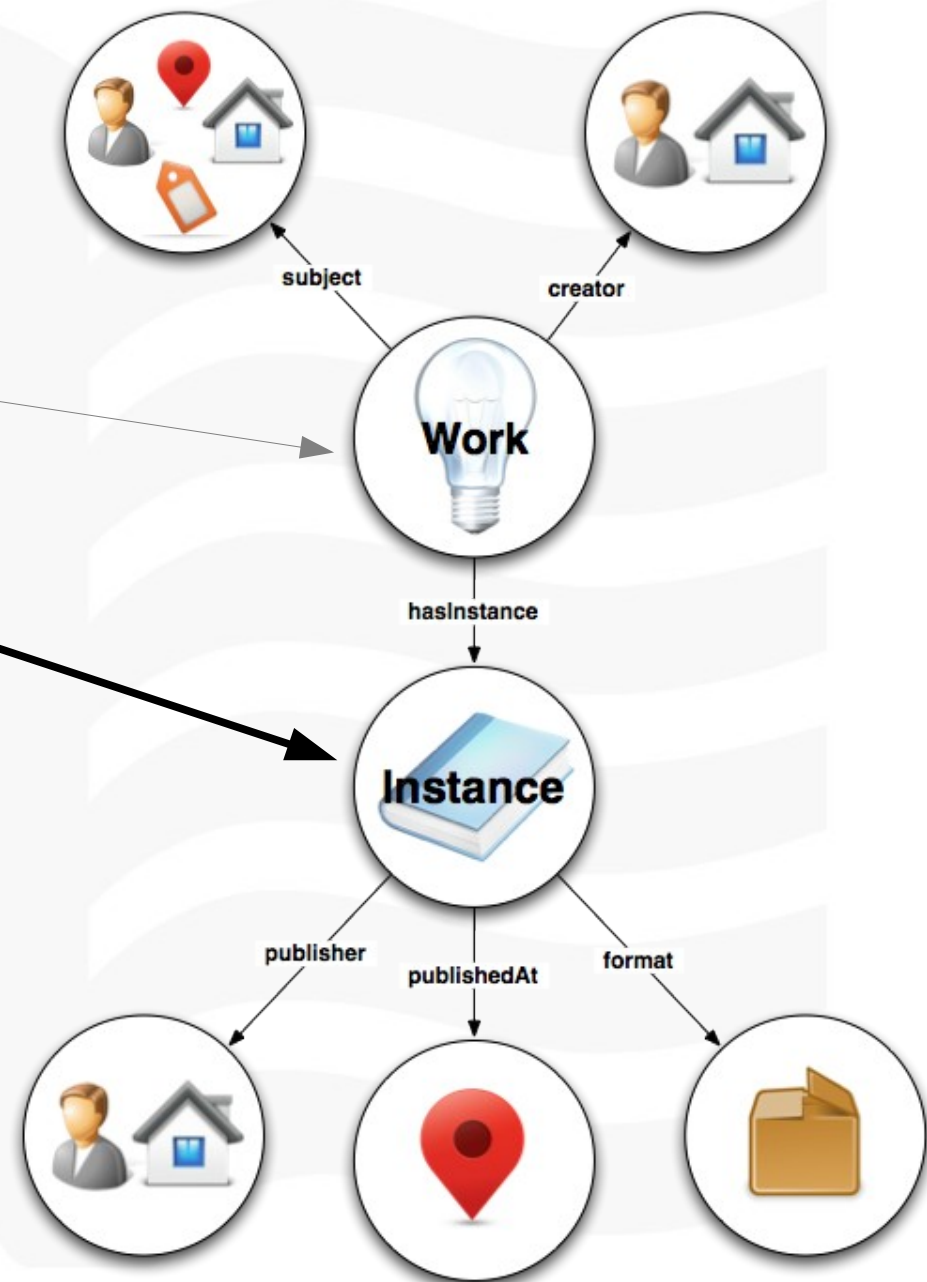


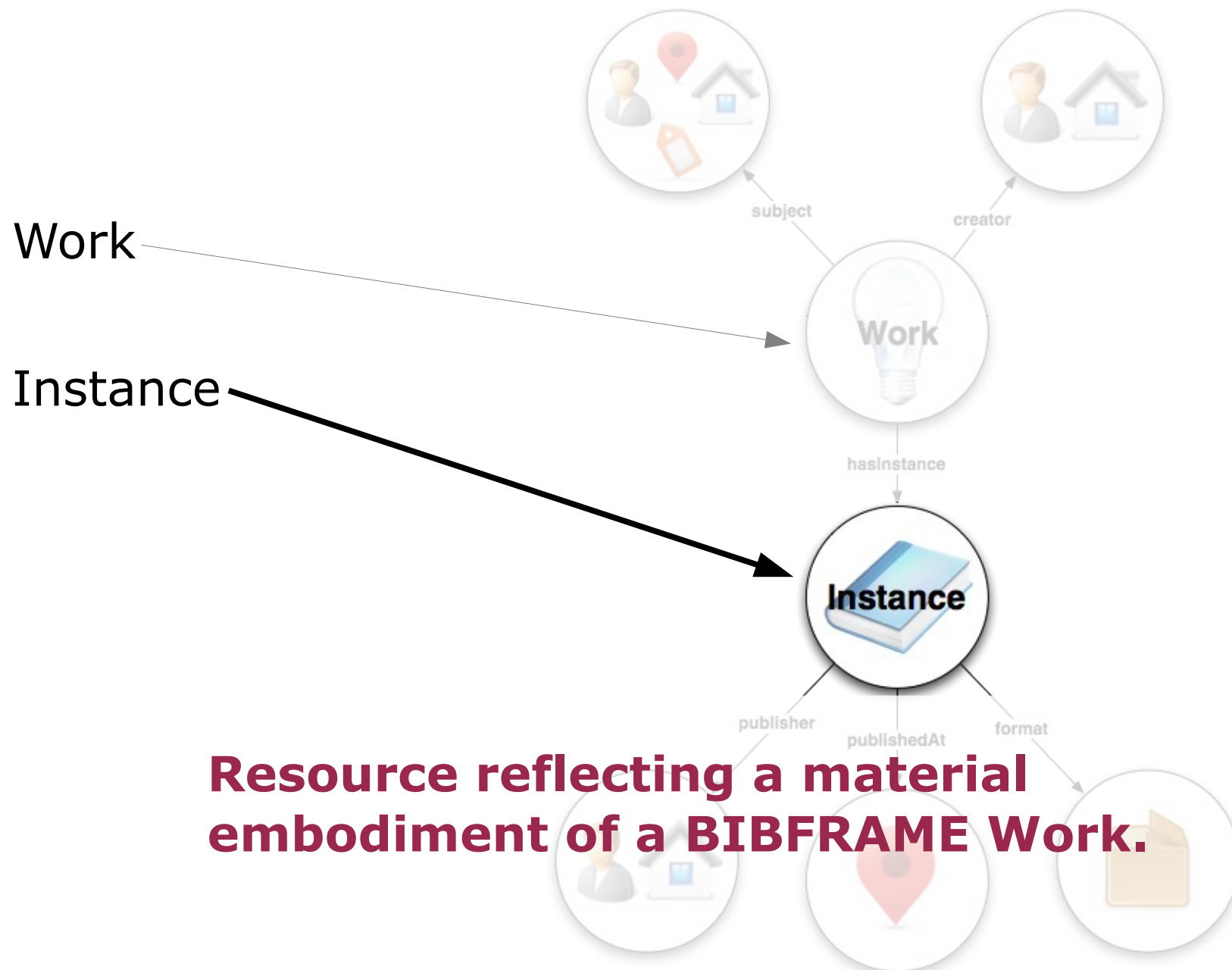
Work

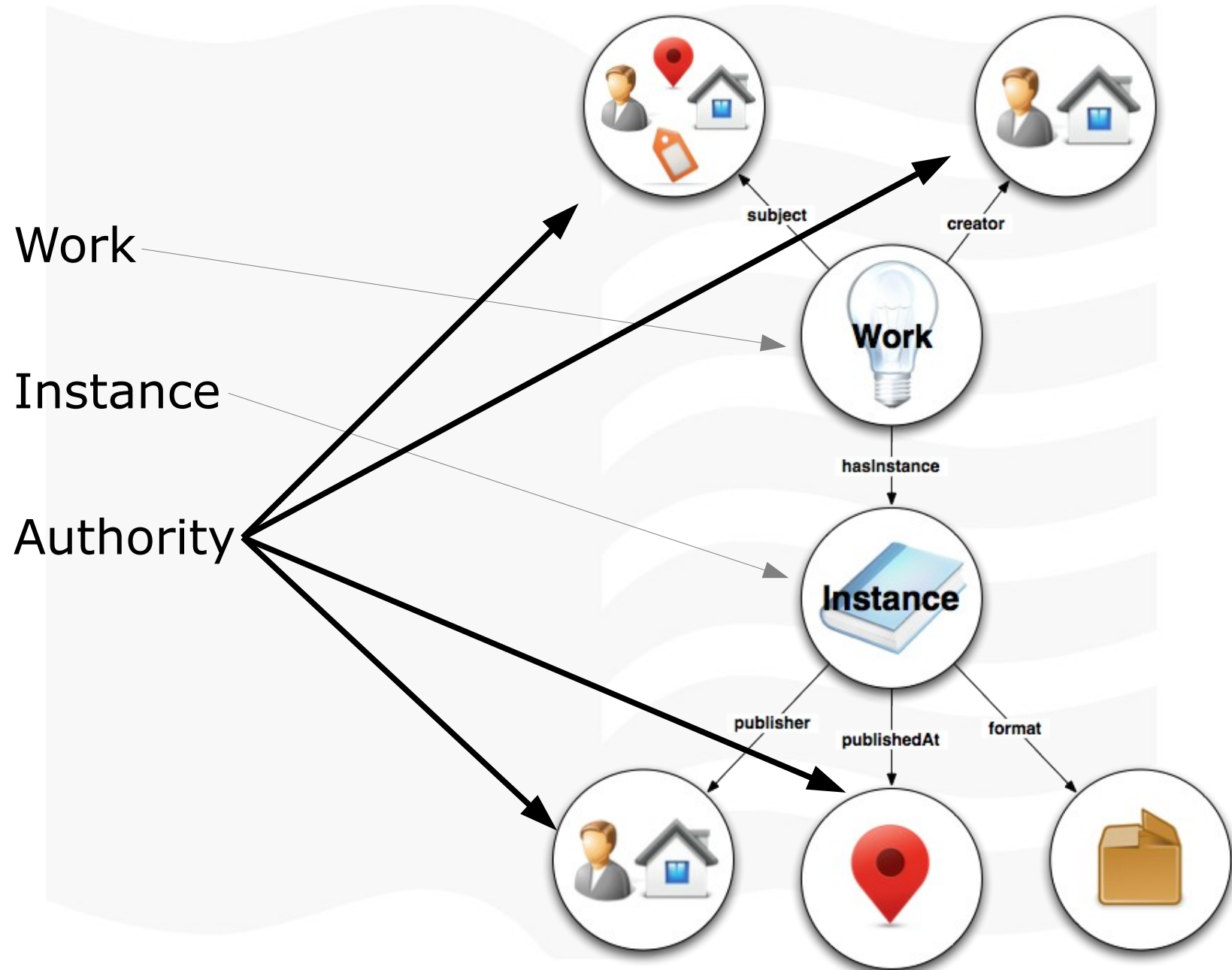


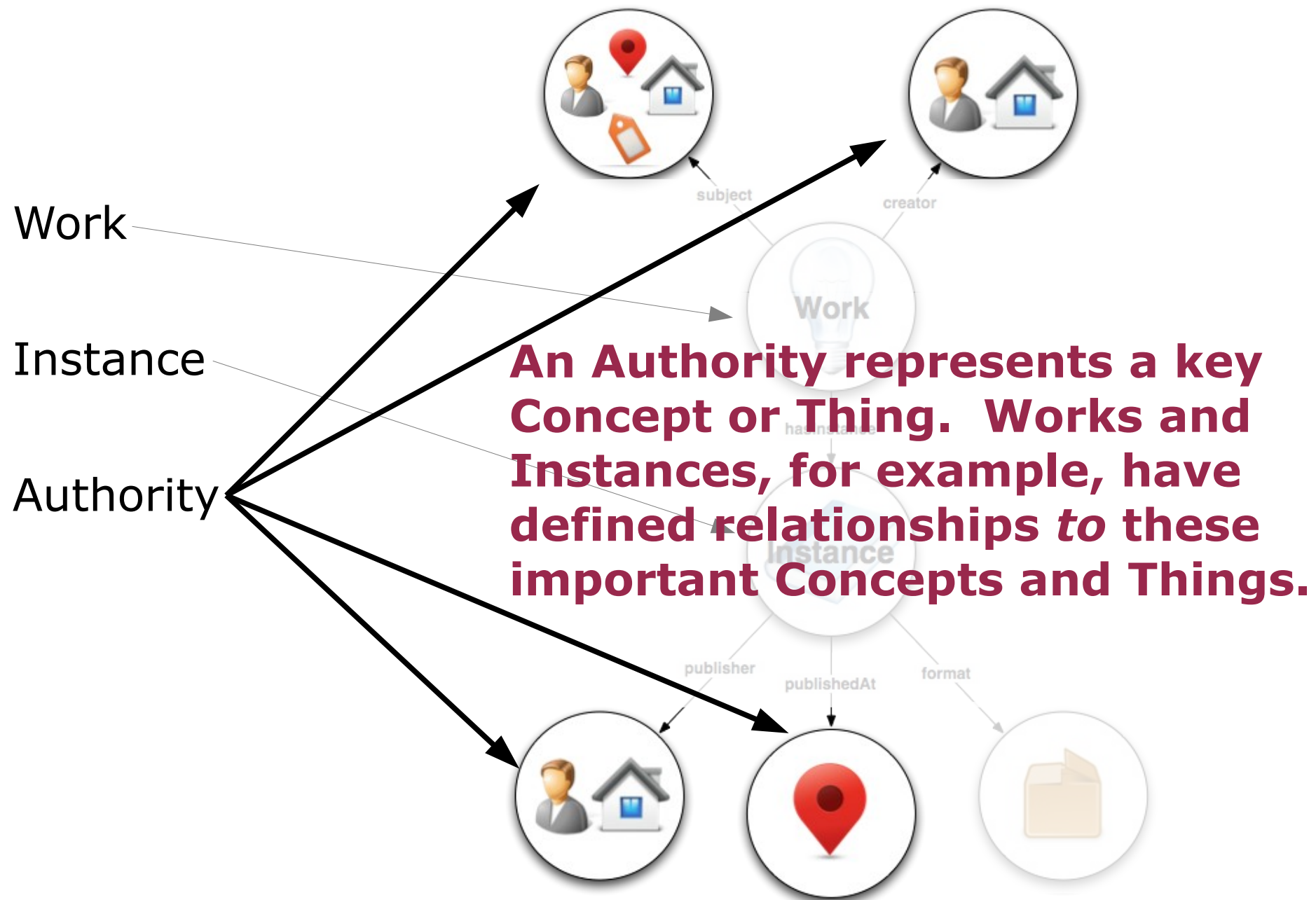
Work

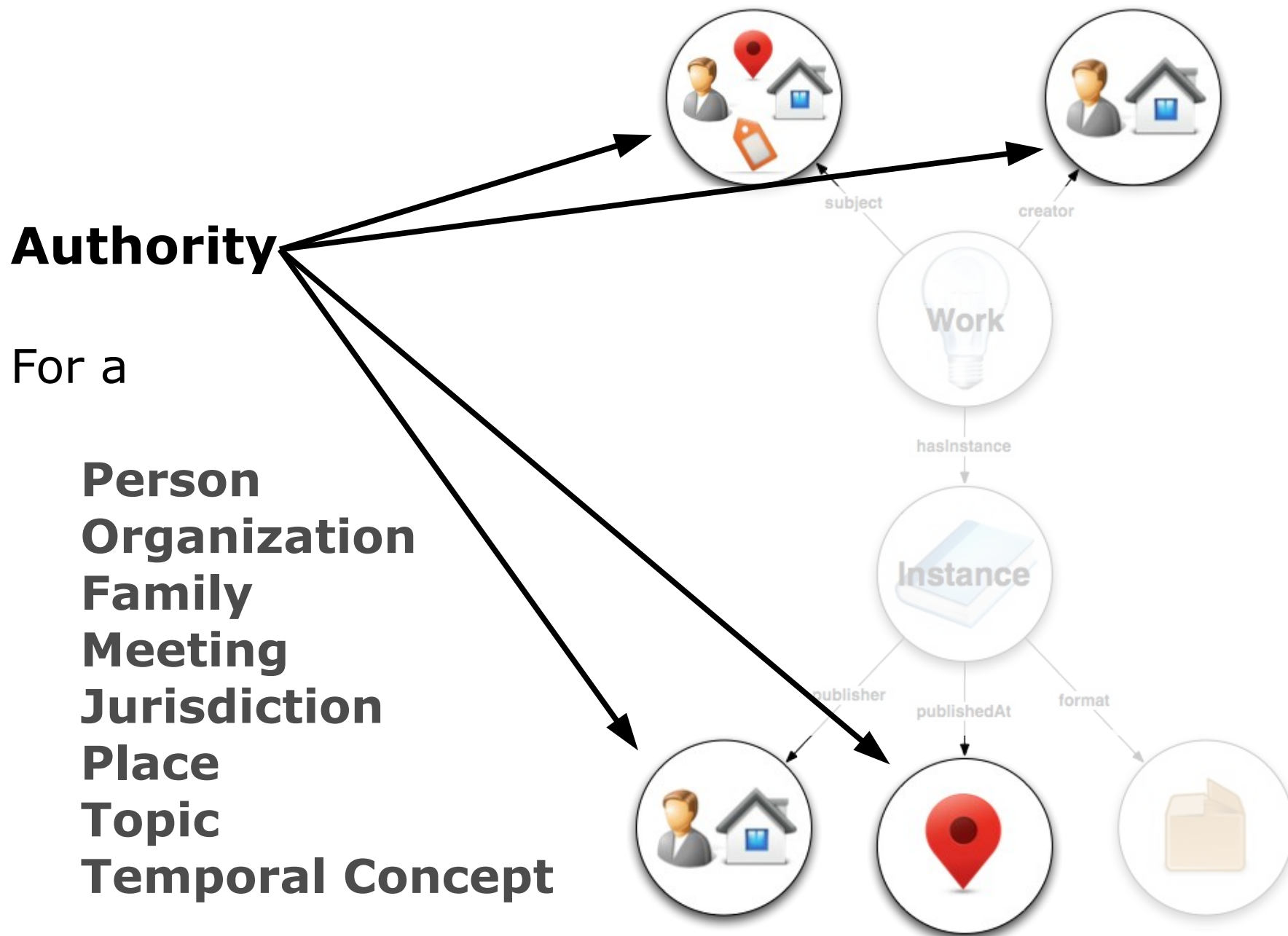
Instance



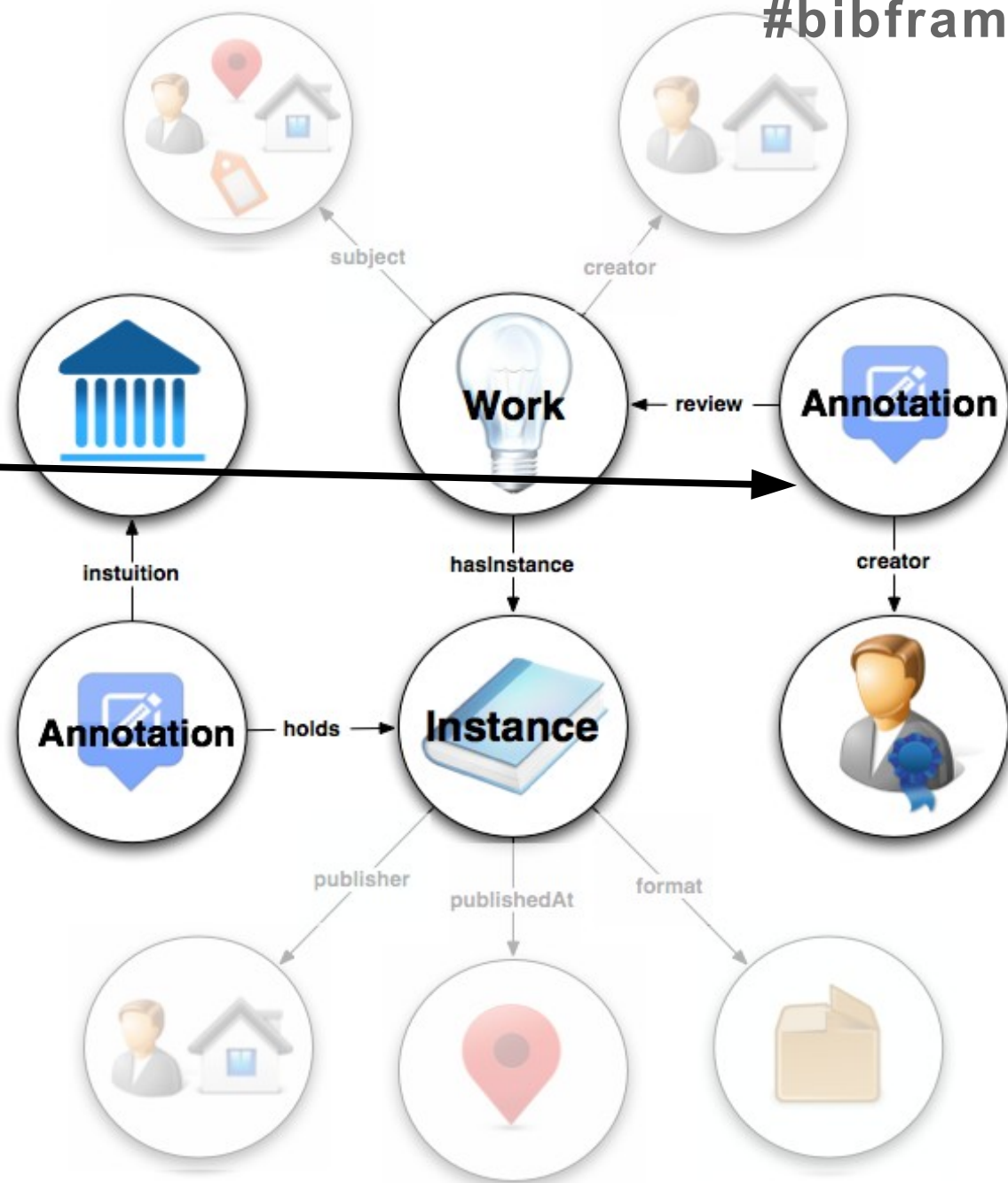




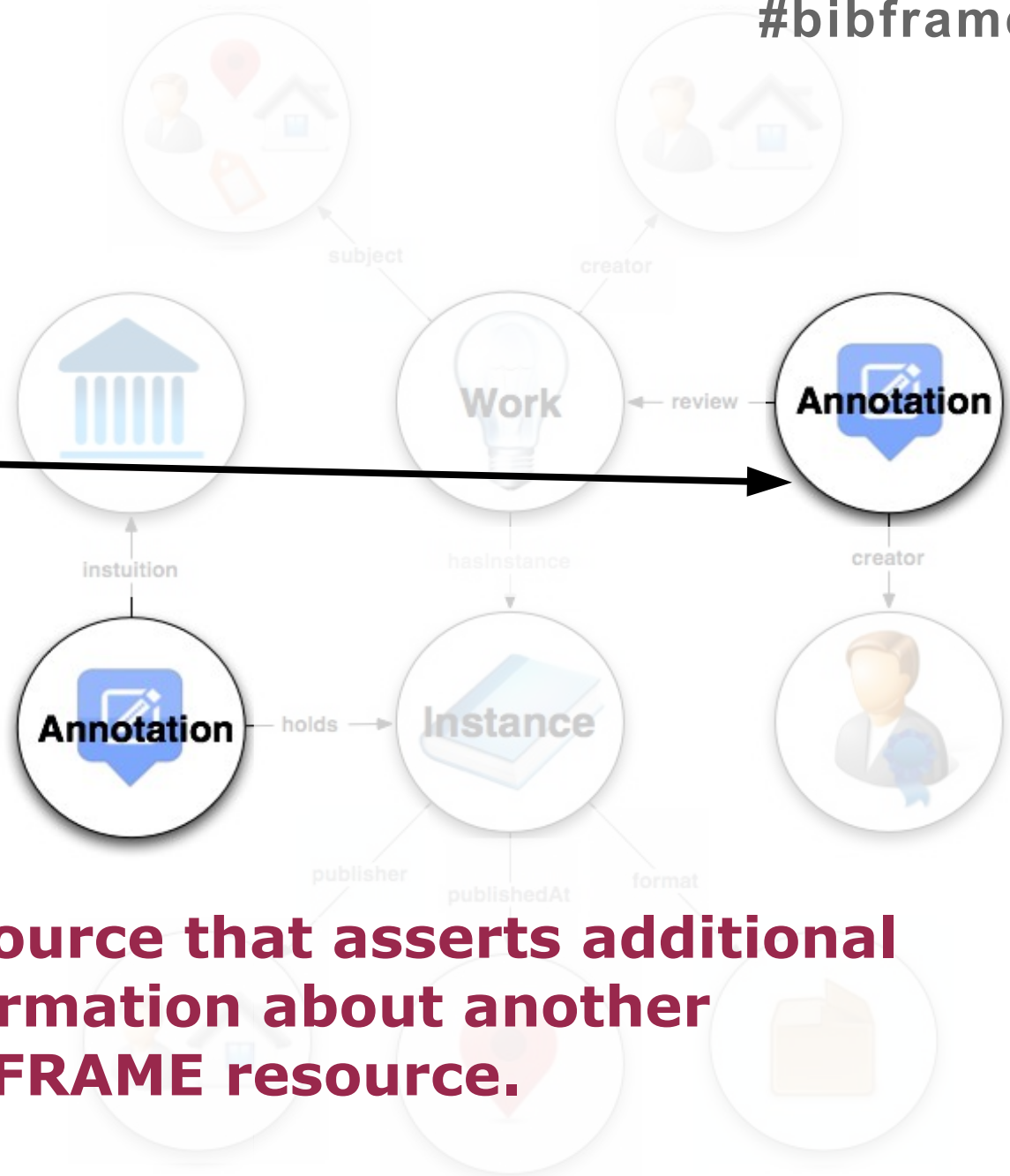




Annotation



Annotation



Bibframe and RDA



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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. #l 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.



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BIBFRAME Work
&
RDA Work



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BIBFRAME Work
&
RDA Expression



000 00728cam a2200217u 450
001 12010145
005 20040316101221.0
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BIBFRAME Instance
&
RDA Manifestation



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001 12010145

005 20040316101221.0

008 000516q19201929sp f 000 0 spa

010 __ \$a 92004818

040 #a DLC #c DLC #d DLC

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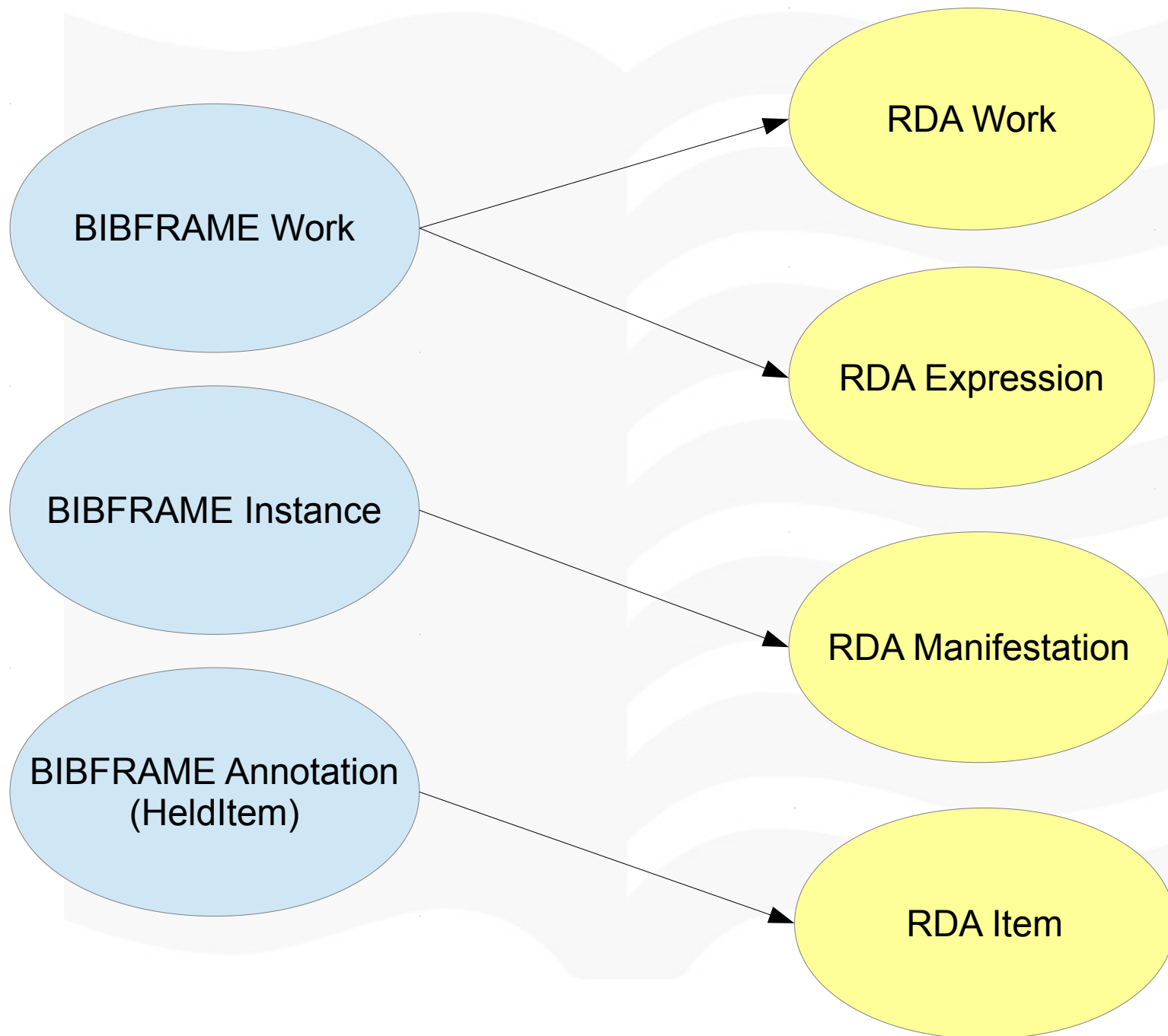
650 #a Runaway children #v Fiction.

650 #a Boys #v Fiction.

651 #a Mississippi River #v Fiction.

BIBFRAME HeldItem
&
RDA Item





BIBFRAME

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Implementation & Testing

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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 bfcomments@loc.gov.
- ♦ To the extent possible under law, the Library of Congress has waived all copyright and related or neighboring rights to this work.

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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/>

Thanks. Questions?

