

# ***FRBR: Things You Should Know, But Were Afraid To Ask***

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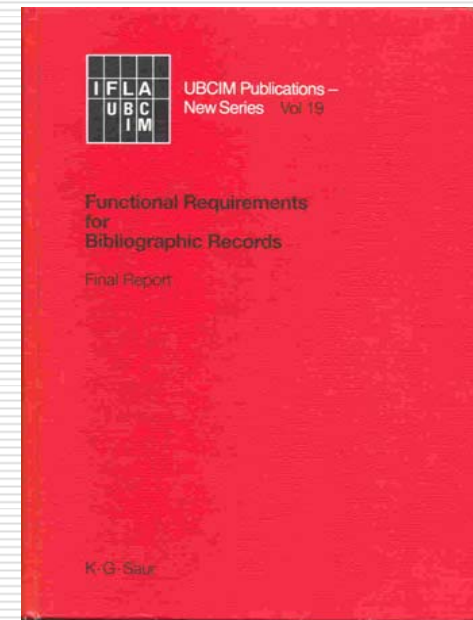
Presented by

Dr. Barbara B. Tillett

Chief, Policy & Standards  
Division

Library of Congress

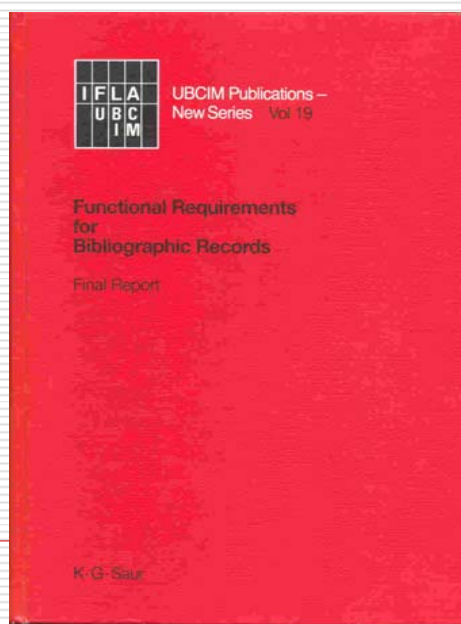
RDA Seminar, March 2012

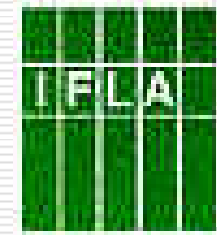


# FRBR

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- What is FRBR?
- Why do we need it?
- Where and how can we use it?

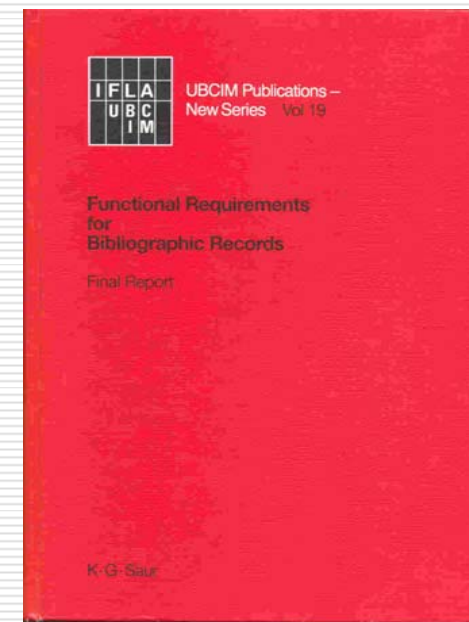




# What is FRBR?

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- Functional Requirements for Bibliographic Records
  - IFLA publication 1998
  - FRBR Review Group

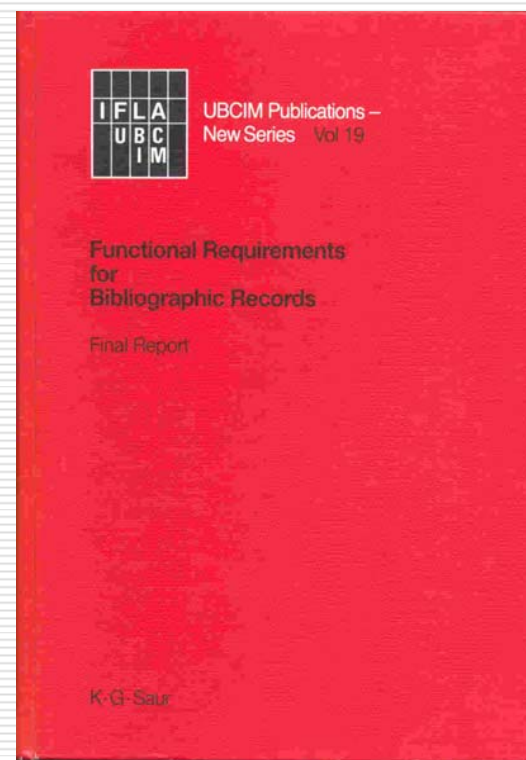


# Functional Requirements for Bibliographic Records (FRBR)

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- Entity-relationship model
  - Entities: Group 1, 2, 3
  - Relationships
  - Attributes
- User tasks
  - Find
  - Identify
  - Select
  - Obtain
- National level record elements (mandatory & optional data)



# Bibliographic Universe



# What's a conceptual model?

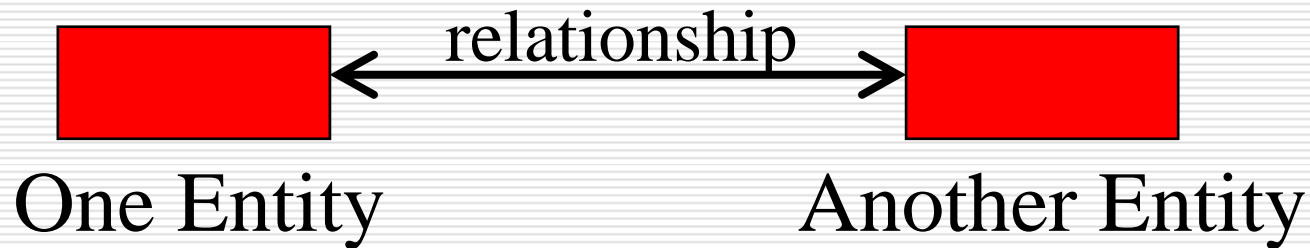
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- Abstract depiction of the universe of things being described
  - The things in that universe (**entities**)
  - Identifying characteristics of those entities (**attributes**)
  - The **relationships** among the entities

# FRBR's Entity-Relationship Model

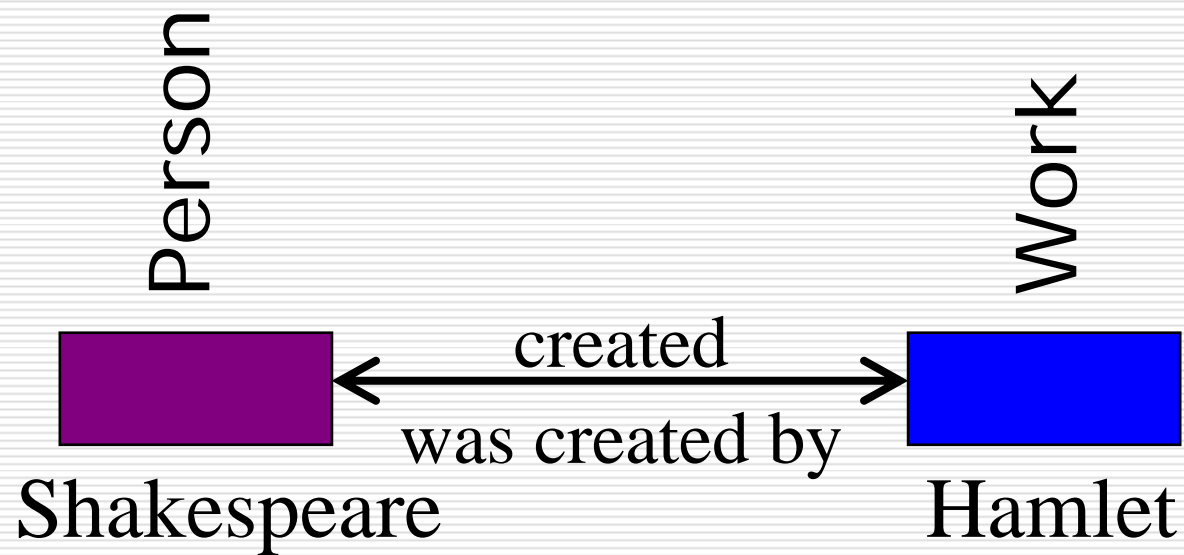
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- Entities
- Relationships
- Attributes (data elements)



# FRBR's Entity-Relationship Model

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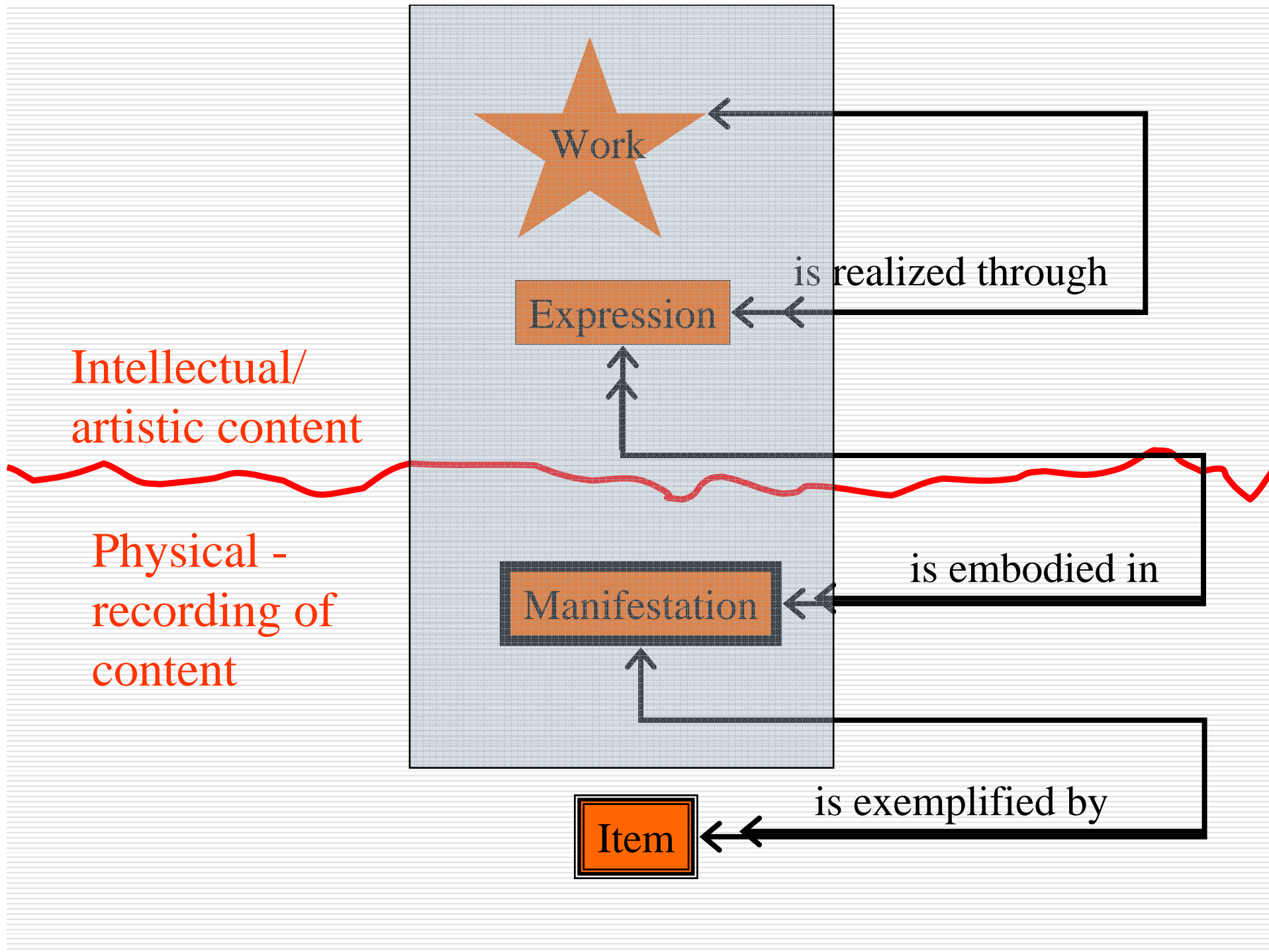


# FRBR Entities

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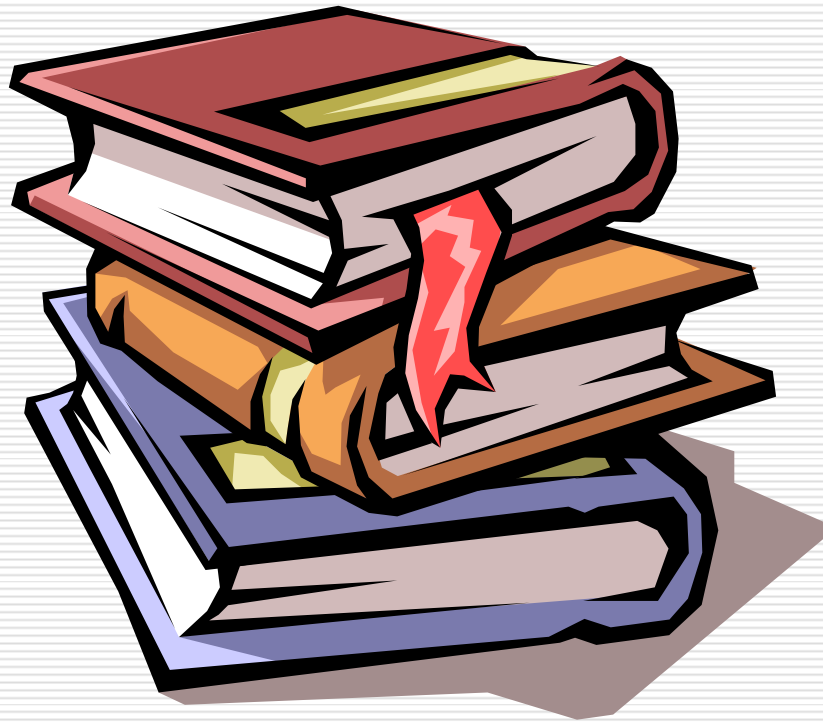
**Group 1:** Products of intellectual & artistic endeavor = bibliographic resources

- **Work**
- **Expression**
- **Manifestation**
- **Item**



# Vocabulary

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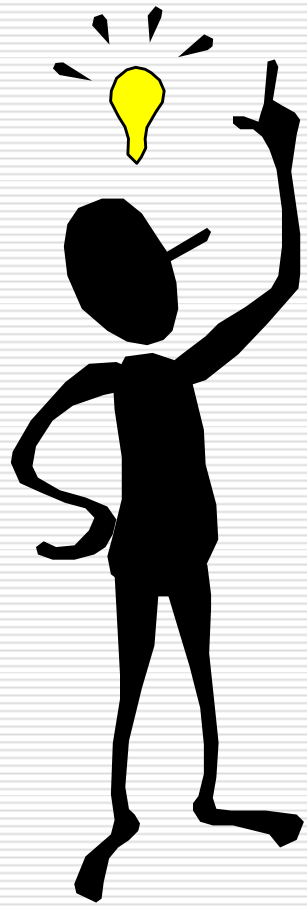
## □ “Book”

–Door prop  
(item)

–“publication”  
at bookstore  
any copy  
(manifestation)

# Vocabulary

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## □ "Book"

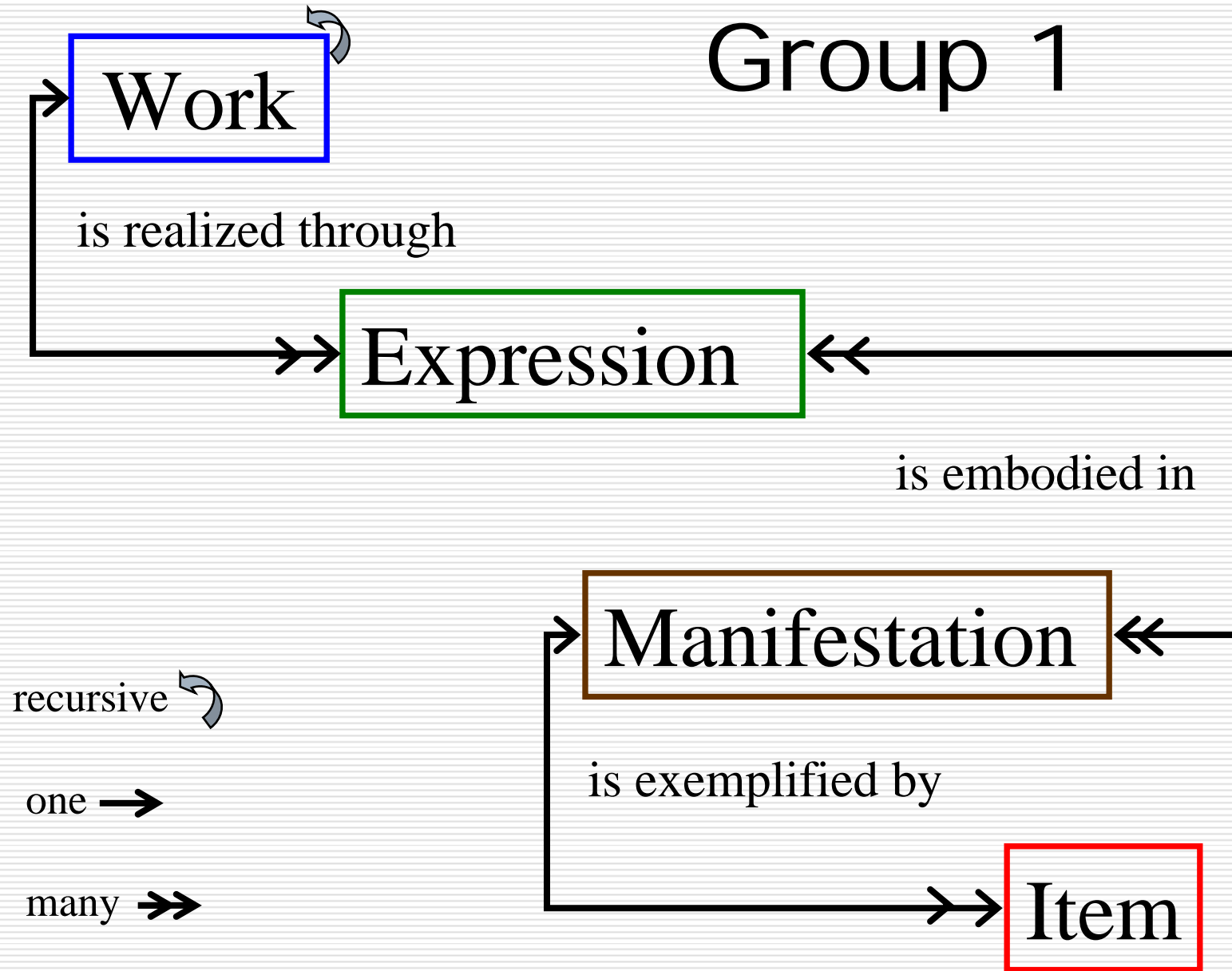
–Who translated?

(expression)

–Who wrote?

(work)

# Group 1



# Elements to Describe Resources

## Work

- ID
- Title
- Date
- etc.

## Expression

- ID
- Form
- Date
- Language
- etc.

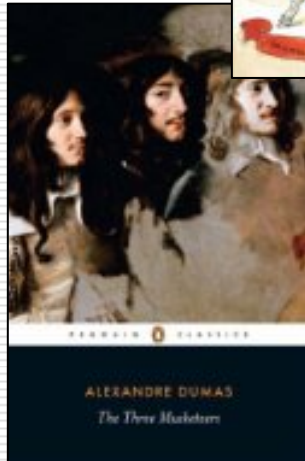
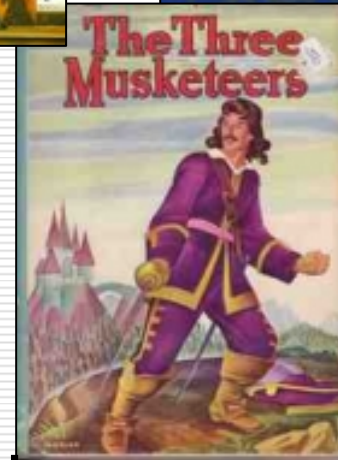
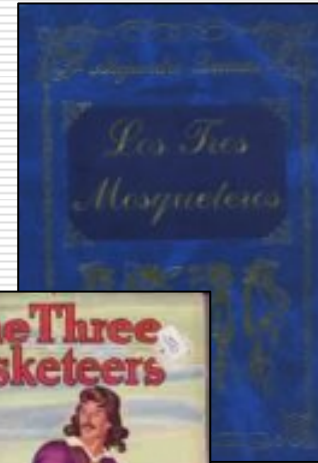
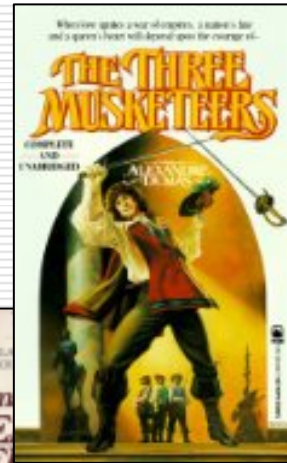
## Manifestation

- ID
- Title
- Statement of responsibility
- Edition
- Imprint (place, publisher, date)
- Form/extent of carrier
- Terms of availability
- Mode of access
- etc.

## Item

- ID
- Provenance
- Location
- etc.

Books

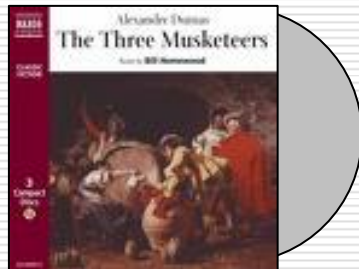


Videocassettes

DVDs

**Manifestations**

CDs





text

# Les Trois Mousquetaires French

movie

## Expressions







**Work**

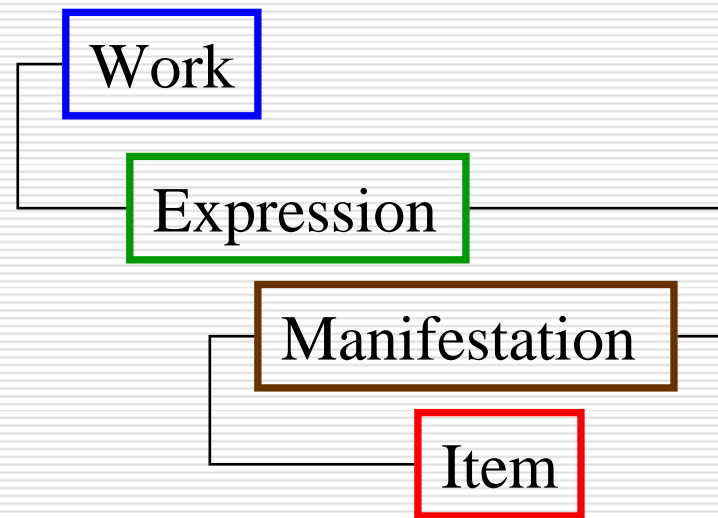
Creator

# Examples

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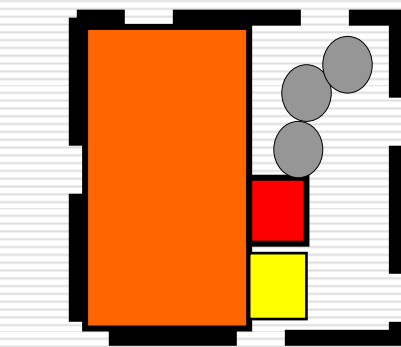
1. Leatherbound autographed copy in Rare Books Collection? *Item*
2. Digitized version of the Oxford University Press text published in 2008? *Manifestation*
3. French translation? *Expression*
4. London Symphony Orchestra 2005 performance? *Expression*
5. Hamlet? *Work*



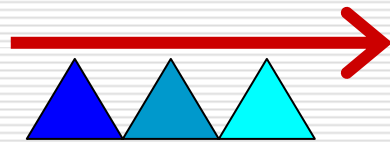


# Relationships

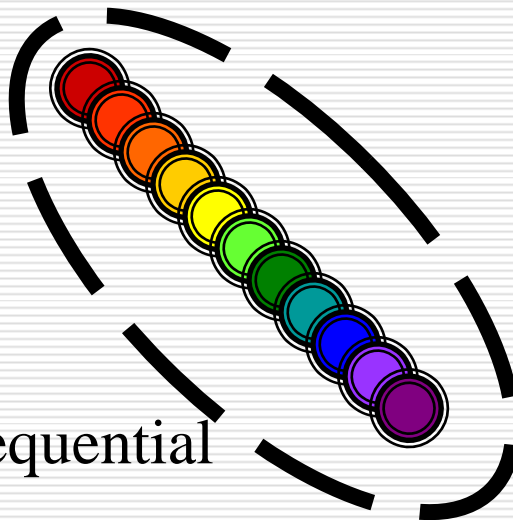
- Inherent among the Group 1 entities
- Content relationships among works/expressions
- Structural



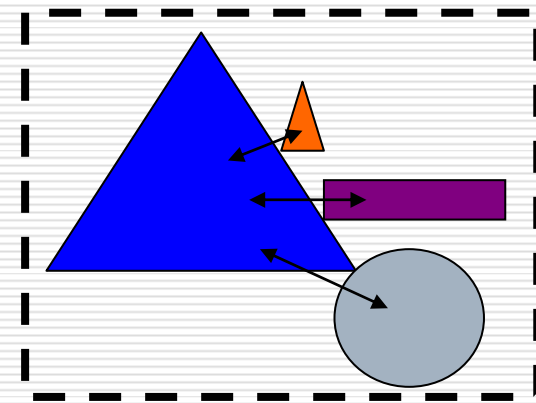
Whole-Part



Derivative



Sequential



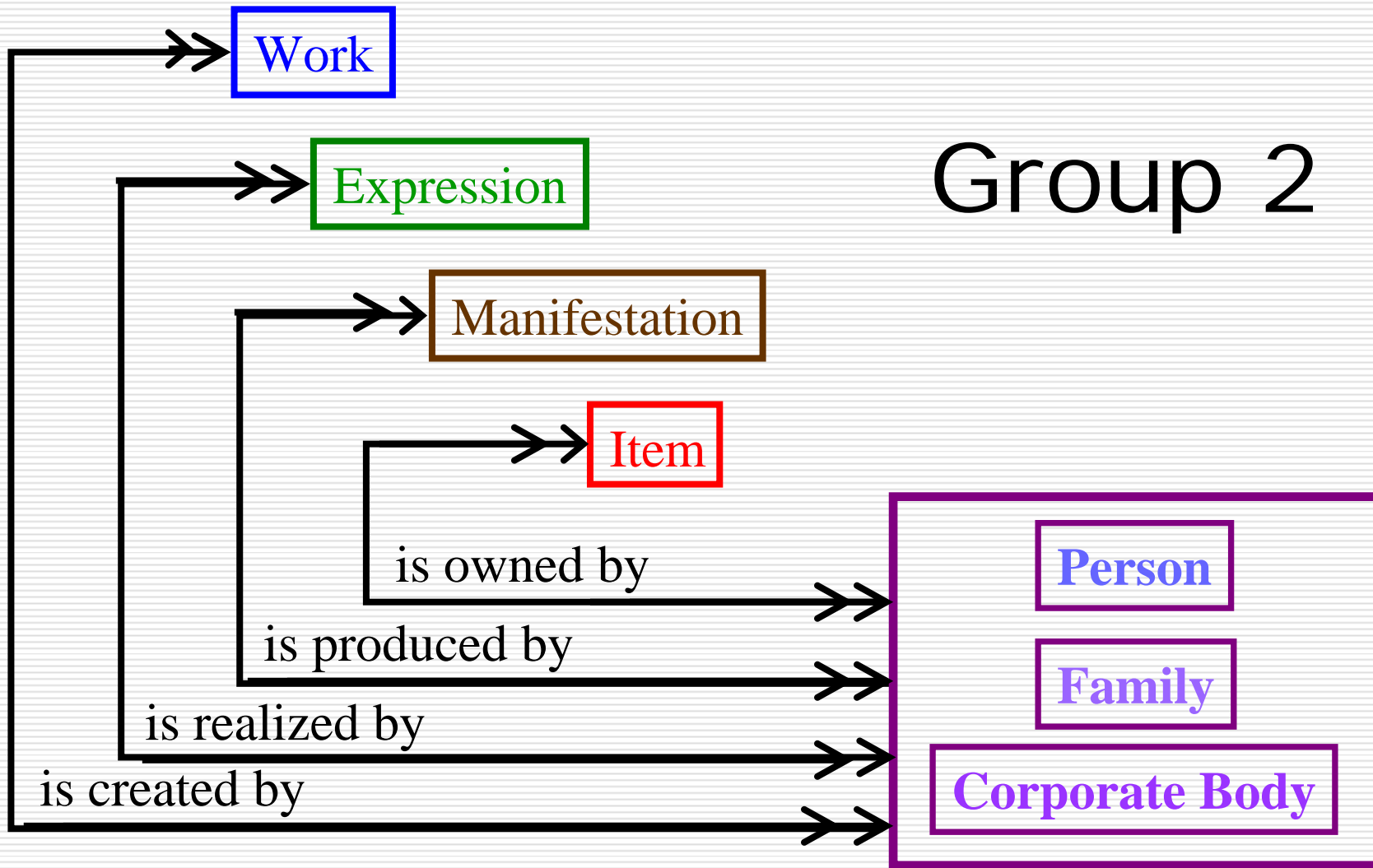
Accompanying

# FRBR Entities

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**Group 2:** Those responsible for the intellectual & artistic content = Parties

- Person
- Corporate body
- Family

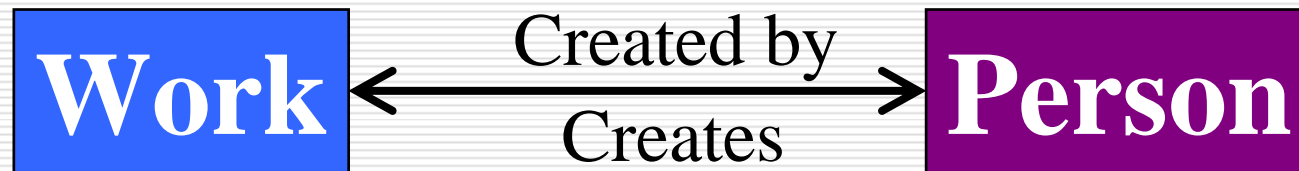


# Group 2

many →

# Relationship vs. Element

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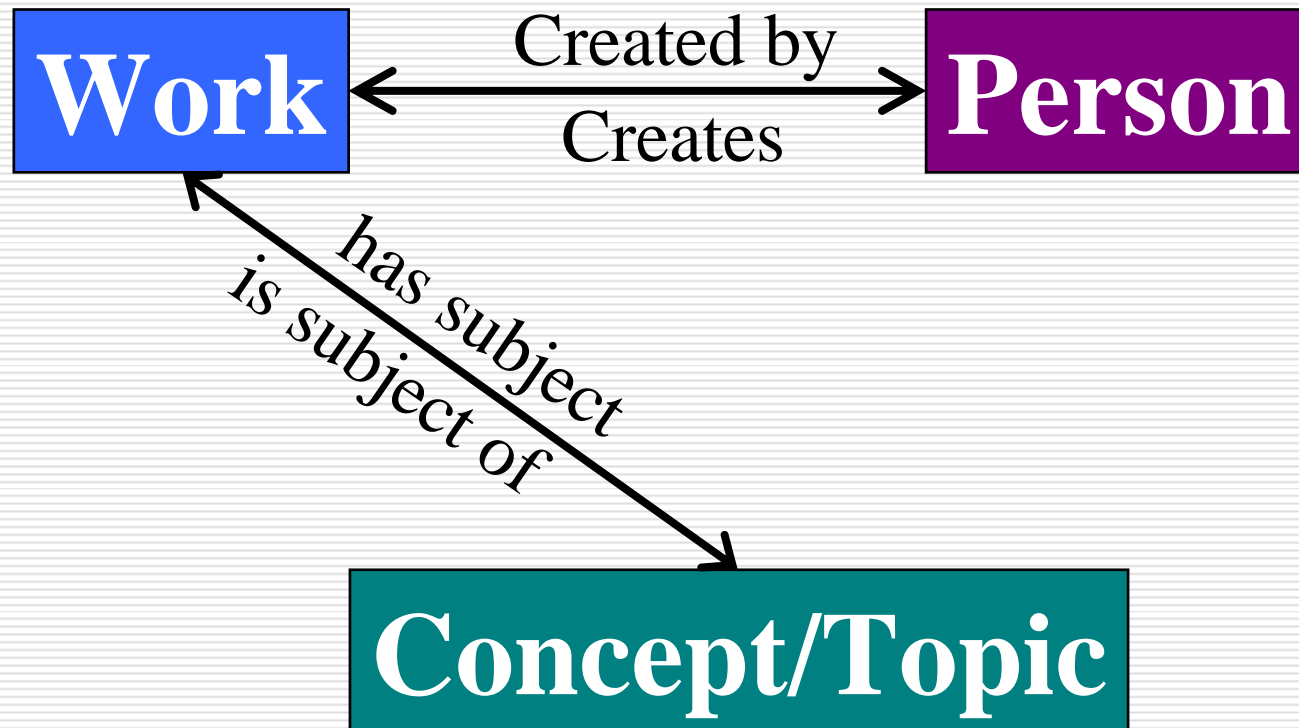


Hamlet

Shakespeare

# Subject Relationship

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# FRBR Entities

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## **Group 3:** Subjects of works

- **Groups 1 & 2 *plus***

- **Concept**

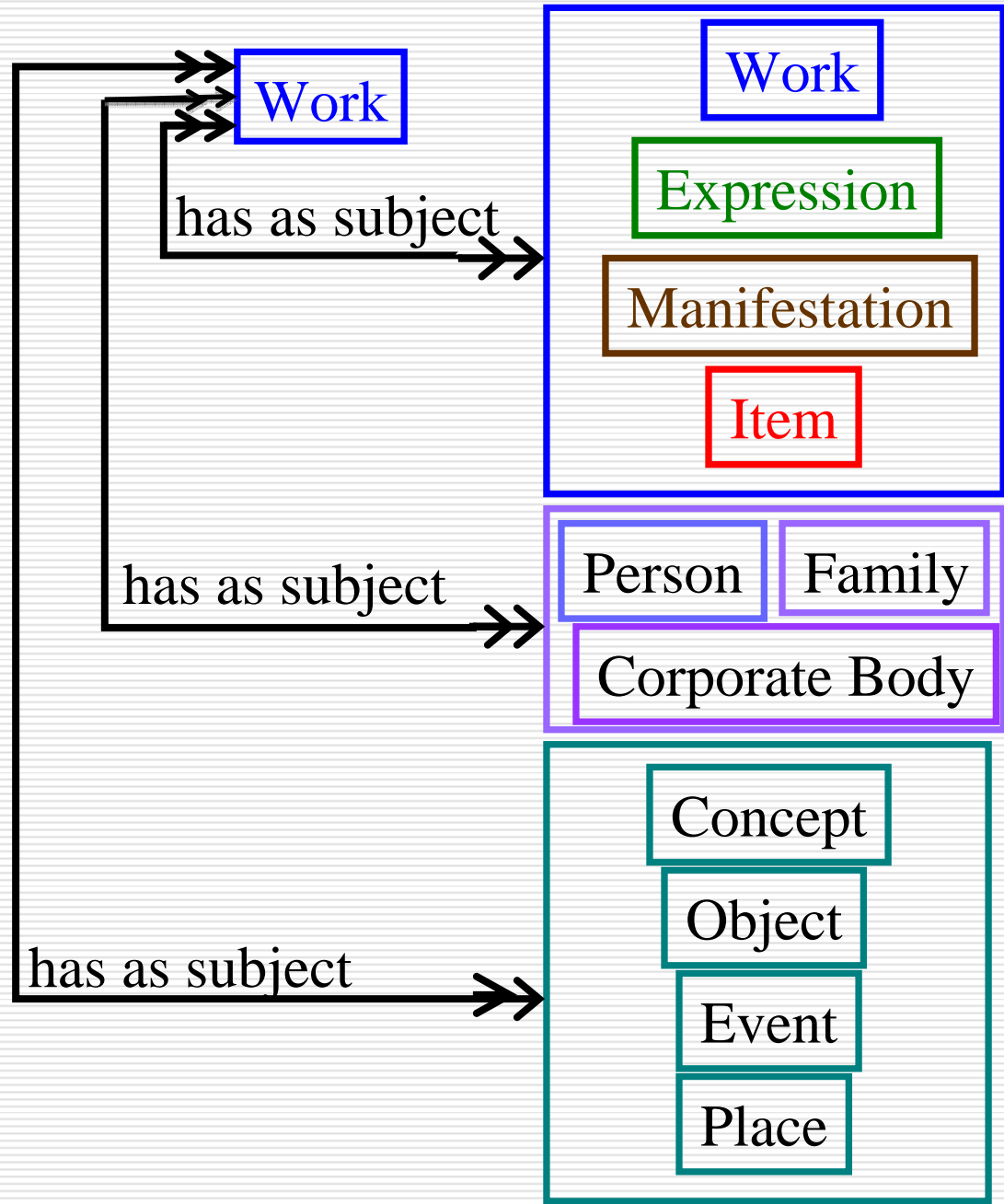
- **Object**

- **Event**

- **Place**

- **Subject relationship**

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Group 3

many →

# Why do we need FRBR?

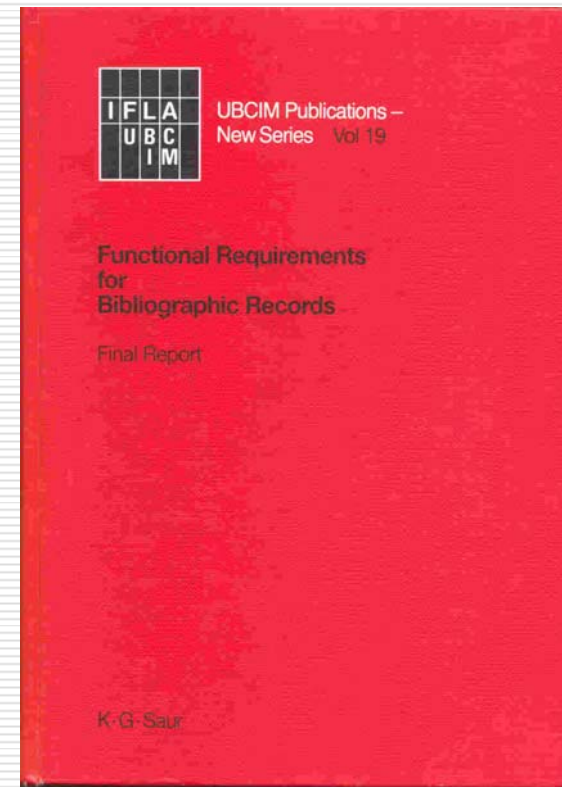
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- Improve the user experience in locating information
  - Guide systems designs for the future
  - Guide rule makers
- Cut costs for the description and access to resources in our libraries
- Position information providers to better operate in the Internet environment and beyond

# Applications of the Conceptual Model

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- FRBR is conceptual model
  - No application is prescribed
- Opportunities for the future in new systems designs
  - Natl. Lib. Australia
  - Variations3, etc.
- Keep user foremost in mind



# FRBR Benefits

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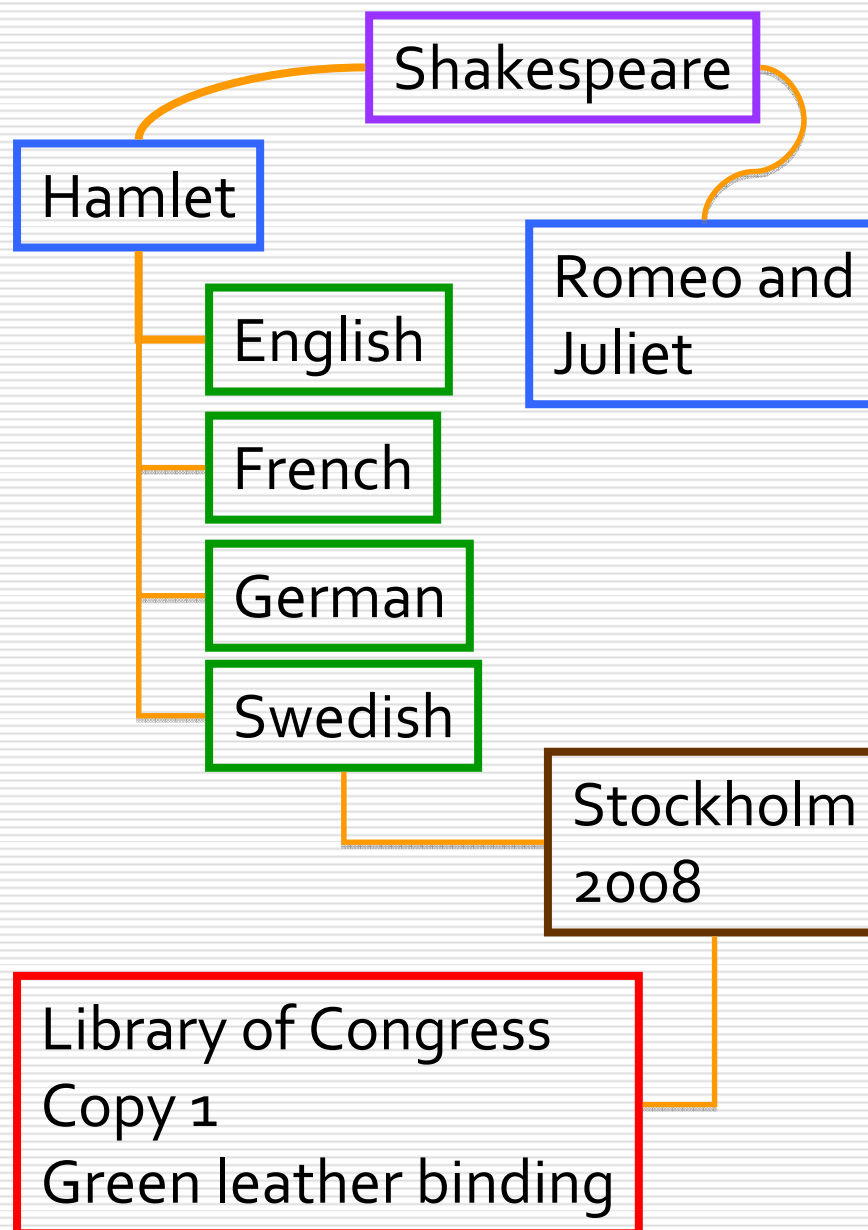
## Collocation

- Better organization to catalog
- More options to display
  - Identifying elements
  - Pathways

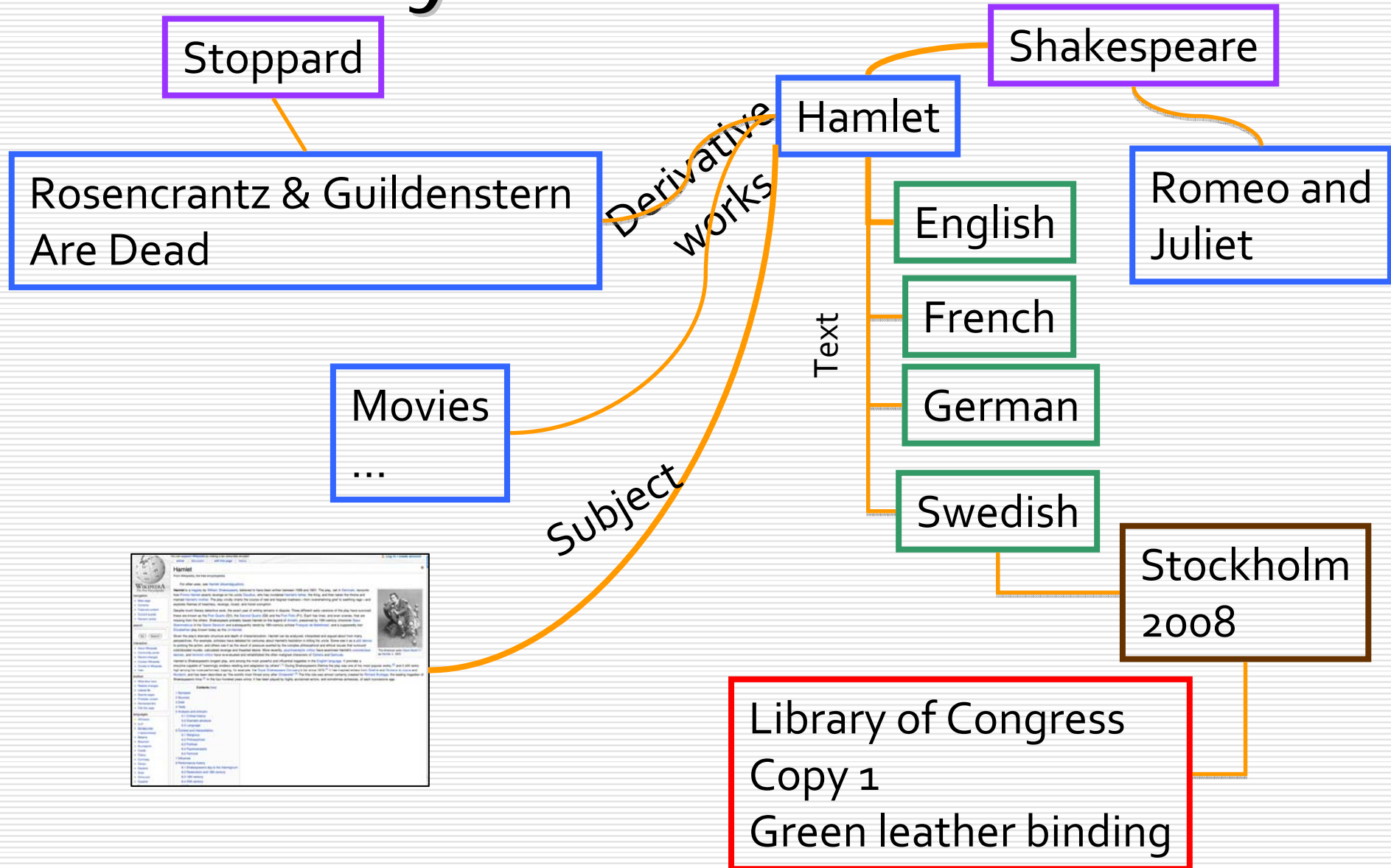
- Simplify cataloging
  - enabling links and
  - re-use of identifying elements

# Collocation

- Objectives of a catalog: display
  - All the works associated with a person, etc.
  - All the expressions of the same work
  - All the manifestations of the same expression
  - All items/copies of the same manifestation



# Pathways to Related Works



# Collocation by Works

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- Shakespeare, William, 1564-1616.
  - + All's well that ends well
  - + As you like it
  - + Hamlet
  - + Macbeth
  - + Midsummer night's dream
  - + ...



# Collocation by Family of Works and Expressions

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□ Shakespeare, William, 1564-1616.  
Hamlet.

 + Texts

 + Motion Pictures

 + Sound Recordings

# Collocation by Expressions

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□ Shakespeare, William, 1564-1616.  
Hamlet.

 + Texts – Danish

 + Texts – Dutch

 + Texts – English

 + Texts – French

 + Texts – Spanish

 + Motion Pictures – English

 + Sound Recordings - English

# Collocation of Manifestations

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- Shakespeare, William, 1564-1616.  
Hamlet.



## Motion pictures – English

- + 1964 Director, Bill Collegan
- + 1990 Director, Kevin Kline, Kirk Browning
- + 1990 Director, Franco Zeffirelli
- + 1992 Director, Maria Muat
- + 1996 Director, Kenneth Branagh
- + 2000 Director, Campbell Scott, Eric Simonson

# FRBR Display - Serial

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## Atlantic monthly

 Atlantic monthly (Boston, Mass. : 1993)

 Atlantic (Boston, Mass. : 1981)

 Atlantic monthly (Boston, Mass. : 1971)

 Atlantic (Boston, Mass. : 1932)

 Atlantic monthly (Boston, Mass. : 1857)

# FRBR Display - Serial

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## Atlantic monthly

 Atlantic monthly (Boston, Mass. : 1993)

 Online

 Paper

 Microfilm

 Atlantic (Boston, Mass. : 1981)

 Atlantic monthly (Boston, Mass. : 1971)

 Atlantic (Boston, Mass. : 1932)

 Atlantic monthly (Boston, Mass. : 1857)

# FRBR Benefits

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- Circulation: Place holds at “Work” or “Expression” level rather than only at manifestation level
  - (VTLS and OCLC demonstrate this)

**Hamlet**

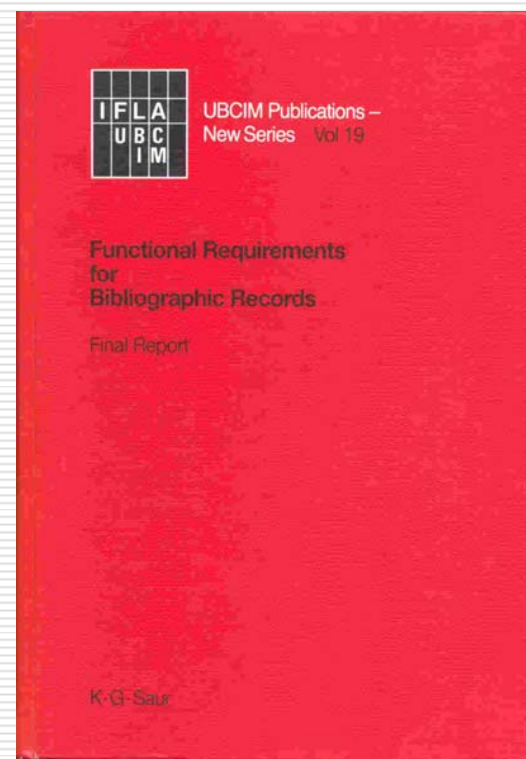
**English**

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<http://www.rdatoolkit.com>

**R | D | A**

**RESOURCE DESCRIPTION & ACCESS**



# *RDA* Structure

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- General introduction

- Elements

- Relationships

- Appendices

- Glossary

- Index

# FRBR-Based Systems

