The Created Work

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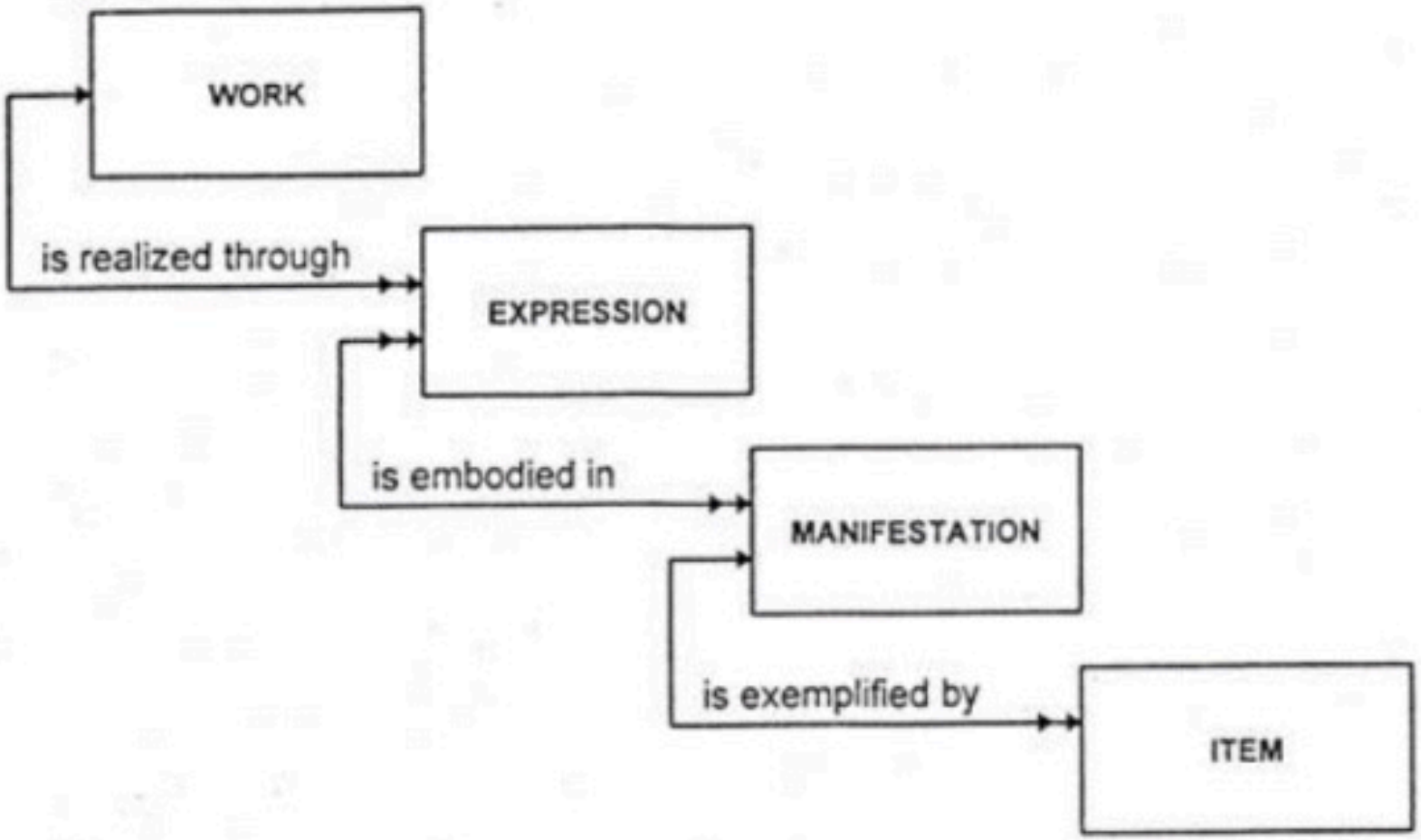
FRBR-LRM WEMI



Sample non-library uses of FRBR concepts

- FaBiO – FRBR-aligned Bibliographic Ontology
- Akoma-Ntoso – Use of FRBR entities to describe legal document versions
- FRIR – Functional Requirements of Information Resources
- The Music Ontology

FaBiO – FRBR Aligned Bibliographic Ontology

print object[C]

IRI: http://purl.org/spar/fabio/PrintObject

An analog manifestation in physical printed form, typically on paper.

has super-classes
analog manifestation[C]

has sub-classes
hardback[C], paperback[C]

```
:printed-issue a fabio:Paperback ;
    dcterms:publisher :springer ;
    prism:publicationDate "2007-06"^^xsd:gYearMonth ;
    frbr:part :printed .
```

FaBiO – FRBR Aligned Bibliographic Ontology

print object[C]

IRI: http://purl.org/spar/fabio/PrintObject

An analog manifestation in physical printed form, typically on paper.

has super-classes
analog manifestation[C]

has sub-classes
hardback[C], paperback[C]

work[C]

back to ToC or Class ToC

IRI: http://purl.org/spar/fabio/Work

A subclass of FRBR work, restricted to works that are published or potentially publishable, and that contain or are referred to by bibliographic references, or entities

```
xsd:gYearMonth ;
```

Akoma-Ntoso – an XML schema for legal documentation

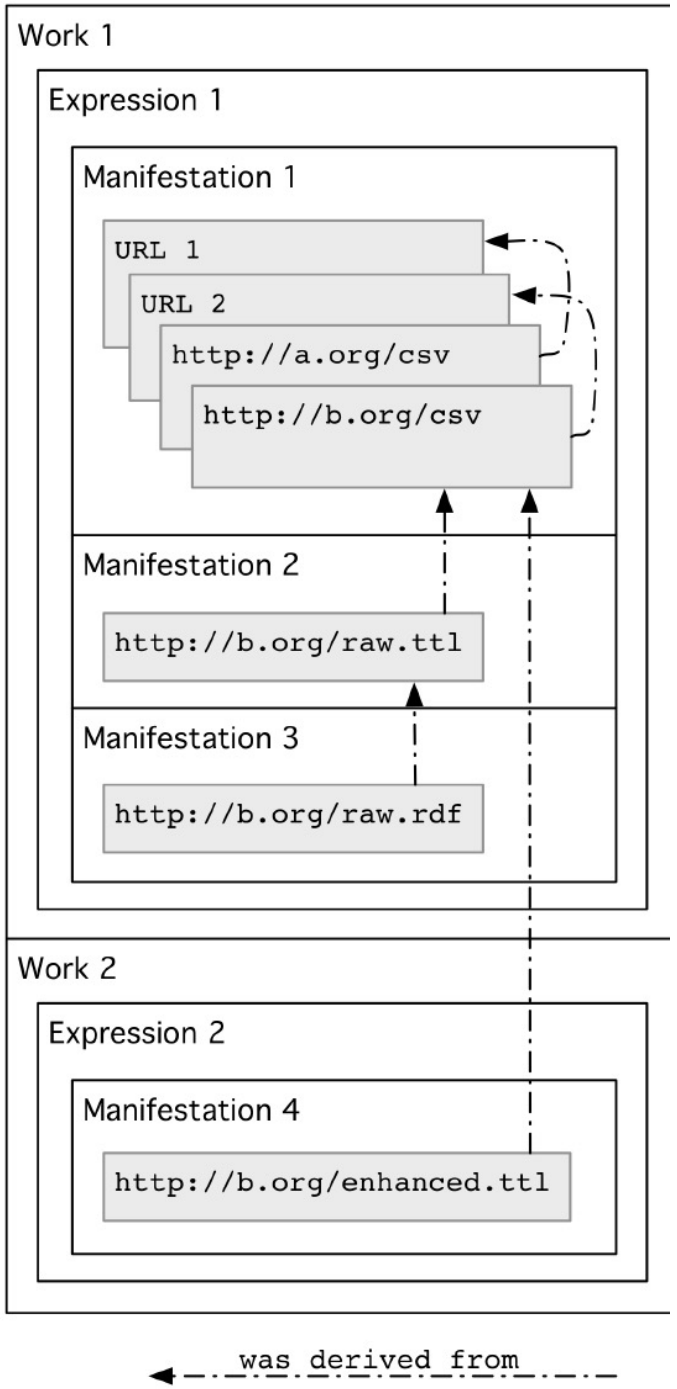
```
<xsd:sequence>
          <xsd:element ref="FRBRWork"/>
          <xsd:element ref="FRBRExpression"/>
          <xsd:element ref="FRBRManifestation"/>
          <xsd:element ref="FRBRItem" minOccurs="0" maxOccurs="1"/>
</xsd:sequence>
```

```
<xsd:sequence>
          <xsd:element ref="FRBRthis"/>
          <xsd:element ref="FRBRuri" minOccurs="1" maxOccurs="unbounded"/>
          <xsd:element ref="FRBRalias" minOccurs="0" maxOccurs="unbounded"/>
          <xsd:element ref="FRBRdate" minOccurs="1" maxOccurs="unbounded"/>
          <xsd:element ref="FRBRauthor" minOccurs="1" maxOccurs="unbounded"/>
          <xsd:element ref="componentInfo" minOccurs="0" maxOccurs="1"/>
          <xsd:element ref="preservation" minOccurs="0" maxOccurs="1"/>
</xsd:sequence>
```

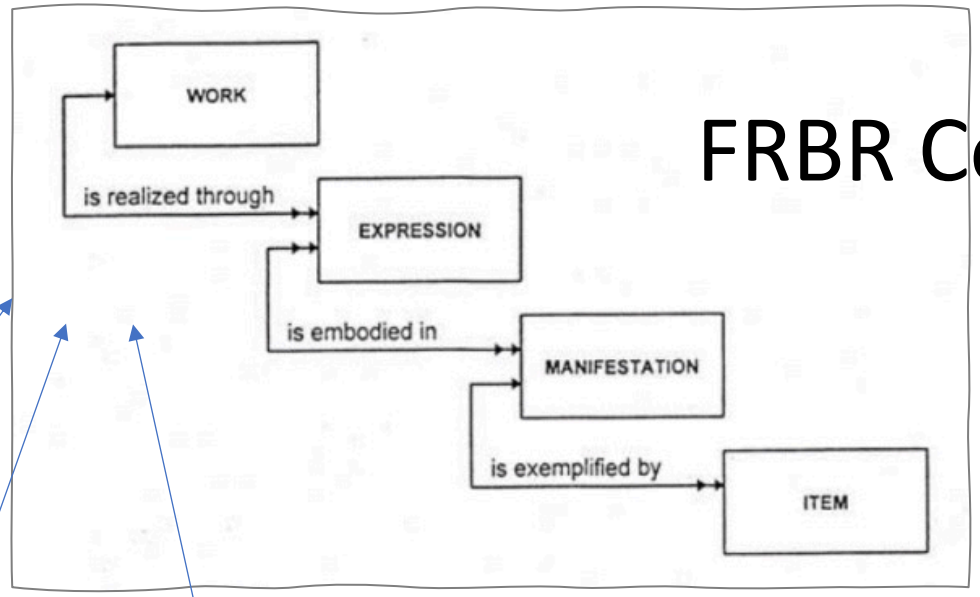
The Music Ontology

URI:	**http://purl.org/ontology/mo/MusicalWork**
Label:	musical work
Status:	stable
Subclasses:	**Movement**
Parent Class:	**http://purl.org/vocab/frbr/core#Work**
Properties:	**arranged_in**, **composed_in**, **iswc**, **movement**, **opus**, **lyrics**

Functional Requirements of Information Resources



Subclasses of FRBR entities



FRBR Core

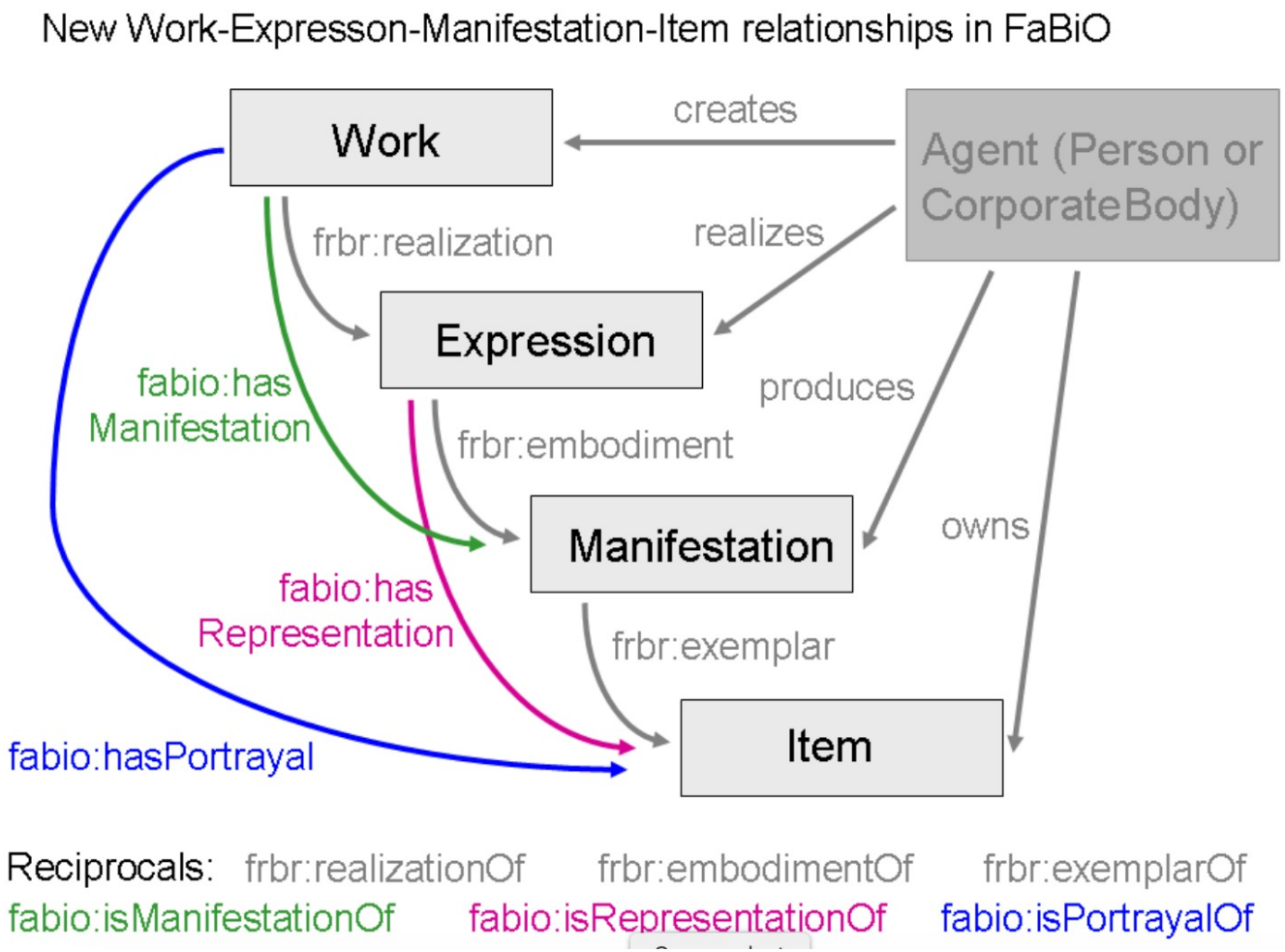
FaBiO Work

MusicO Work

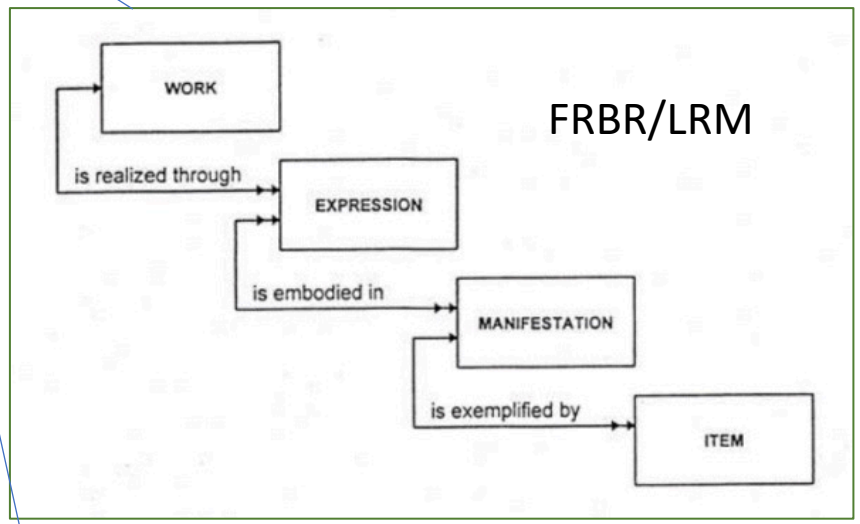
Akoma Work

FRIR Work

Subclasses? or not?



created work



FRBR/LRM

FaBiO Work

MusicO Work

Akoma Work

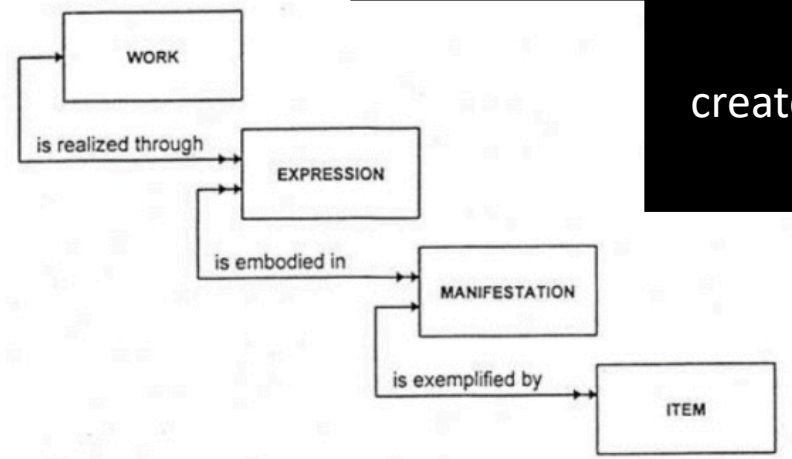
FRIR Work

created work

created expression

created manifestation

created item

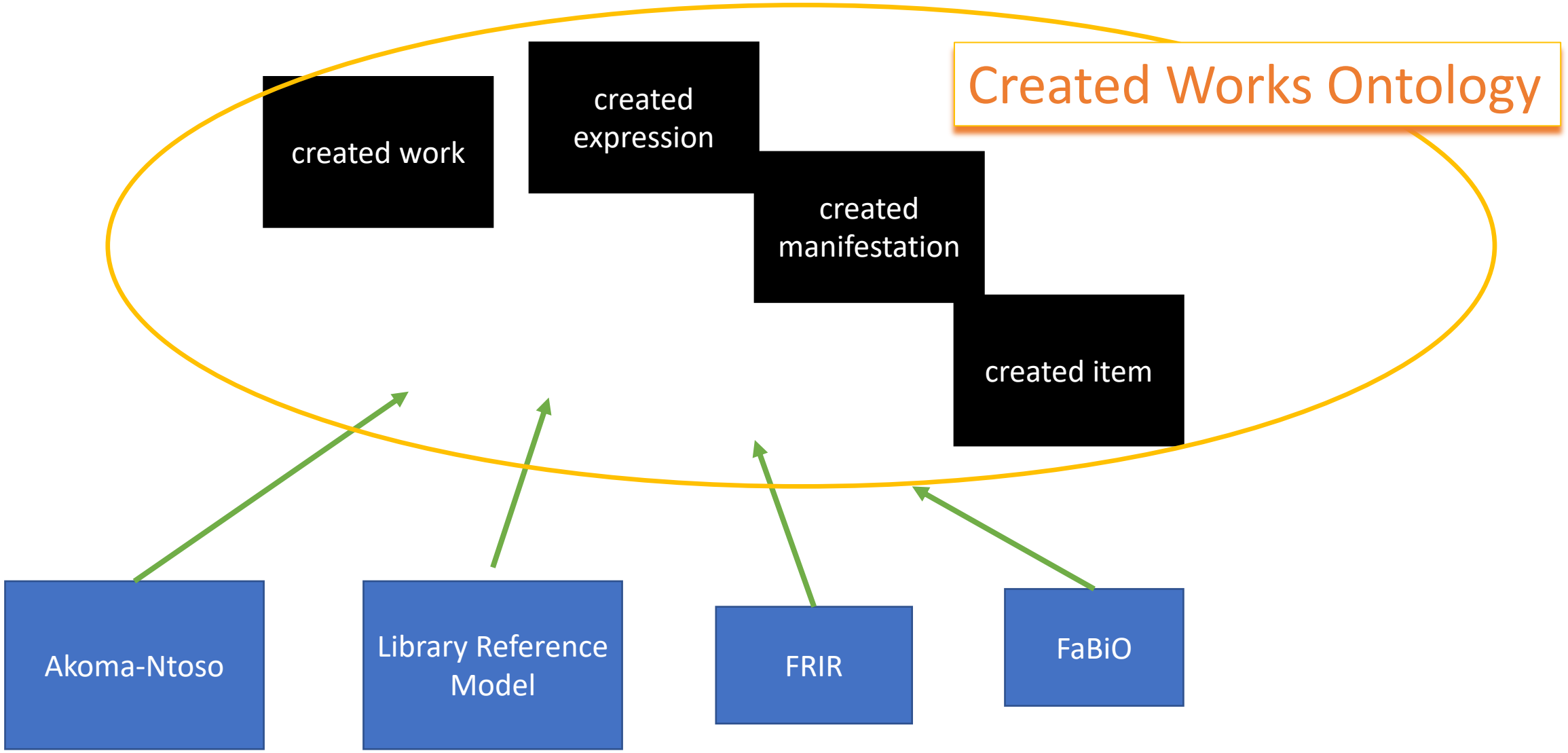


MusicO Work

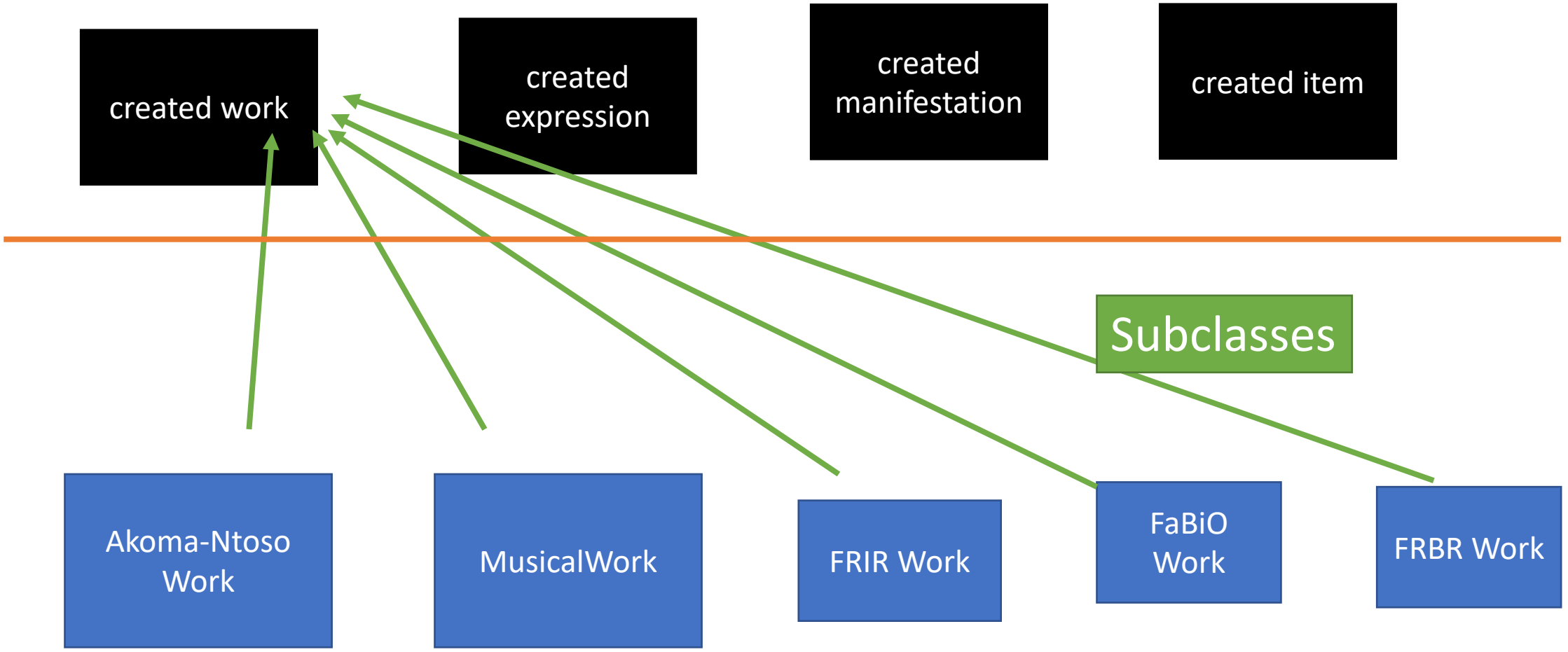
FaBiO Work

Akoma Work

FRIR Work


Created Works Ontology
created work
created expression
created manifestation
created item
Akoma-Ntoso
Library Reference Model
FRIR
FaBiO

Proposed: Created Work Ontology



CWO

(pronounced COW?)*

*** h/t Joachim**

- any entity can be iterative (e.g. a work of a work)
- any entity can have relationships/links to any other entity
- no entity has an inherent dependency on any other entity
- any entity can be used alone or in concert with other entities
- no entities are disjoint
- anyone can define additional entities or subclasses
- individual profiles using the model may recommend or limit attributes and relationships, but the model itself will not have restrictions

CrWO

(pronounced CROW?)

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Thank you and links

- http://purl.org/spar/fabio/
- http://www.akomantoso.org/ (also: https://github.com/oasis-open/legaldocml-akomantoso/)
- http://tw.rpi.edu/media/2012/02/07/d641/EX_ISSI-2011-09-0138.R1_McCusker.pdf (FRIR)
- http://musicontology.com/specification/
- http://vocab.org/frbr/core
- http://kcoyle.blogspot.com/2019/01/frbr-without-fr-or-br.html
- http://kcoyle.net/beforeAndAfter/c10-978-0-8389-1364-2.pdf
- http://kcoyle.net/WEMIpres.pdf

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