



Patrimoine écrit du Moyen Âge  
et de la Renaissance

# Prototype on Illuminated Manuscripts and Future Steps of Metadata Integration

(Mandragore)

Initiale



CubicWeb



**CubicWeb**  
biblissima

Composants > benvenuto rambaldi, romuleon (trad. sébastien mamerot)

Export RDF (XML - N3)

benvenuto rambaldi, romuleon (trad. sébastien mamerot)

cote + folio extremes : France, Bibliothèque nationale de France. Département des manuscrits Français 364  
texte enluminé : benvenuto rambaldi, romuleon (trad. sébastien mamerot) Benevenuts de Rambaldis (1387-1390)  
œuvre associée : Romuleon  
artiste : Jean Colombe (143.-1493 ?)

montrer 234 résultats

Enluminures et décors

Français 364 - folio 81  
cote complète + folio : France, Bibliothèque nationale de France. Département des manuscrits Français 364 81  
legende : bataille de satricum (-386)

logilab

# Biblissima Consortium



70% Data Creation

30% Portal





# Biblissima Portal

## Biblissima //

Patrimoine écrit du Moyen Âge  
et de la Renaissance

## Baobab //

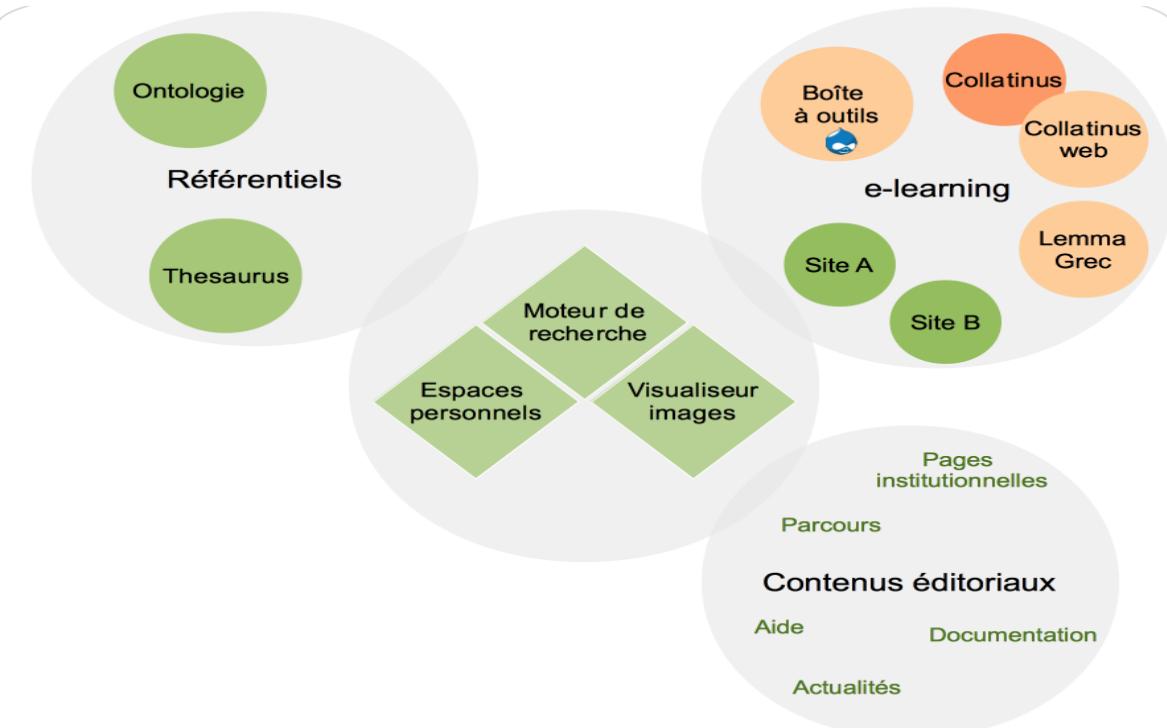
Boîte à outils Biblissima

## Démos //

Biblissima in progress

## Doc //

Documentation Biblissima



# PROTOTYPE



- PostgreSQL
- Python
- RQL



- Virtuoso
- Used by [data.bnf.fr](http://data.bnf.fr) [bp16.bnf.fr](http://bp16.bnf.fr) [reliures.bnf.fr](http://reliures.bnf.fr)  
[www.fevis.com](http://www.fevis.com) [andrebreton.fr](http://andrebreton.fr) [www.transdev-idf.com](http://www.transdev-idf.com)





# PROTOTYPE

Initiale



CubicWeb

20 000 Illuminations

- Descriptors
- Captions
- Artists
- Localisation

Authority files  
in collaboration with IRHT, Caen  
etc.

{ BnF

2000 manuscripts kept by 60 different institutions

- Components (textual or artistic)
- Grouping
- Text
- Associated Work

- 150 identified works
- Expression
  - Manifestation Singleton

logilab



# PROTOTYPE

Initiale



CubicWeb

Schema PostgreSQL

Exposure in RDF

CIDOC-CRM et FRBRoo compliant

Reuse of data.bnf.fr URIs

record linkage : VIAF, GeoNames

Definition of import format in XML

Thesaurus Biblissima

Vocabularies technical terms

Spatial data

GINCO





# Exposure in RDF

```
<!-- 1. Manuscript Metadata Part A -->

<rdf:Description rdf:about="/id/Manuscript/{Base}/{idManuscript}">
<rdf:type rdf:resource="bibma:Manuscript"/> Subclass of efrbroo:F4_Manifestation_Singleton
<rdfs:label><!-- manuscript name goes here --></rdfs:label>
<ecrm:P48_has_preferred_identifier rdf:resource="/id/Shelfmark/{Base}/{idManuscript}" /> bibma:Shelfmark
<ecrm:P50_has_current_keeper rdf:resource="#foaf:Organization"/> ecrm:E40_Legal_Body
<efrbroo:R31i_has_reproduction rdf:resource="http://bvmm.irht.cnrs.fr/consult/consult.php?
reproductionId=7725"/> bibma:Digital_Surrogate

<ecrm:P70i_is_documented_in rdf:resource="EADC:D35A11035"/> ecrm:E31_Document;bibma:Record
<ecrm:P46_is_composed_of rdf:resource="/id/Component/{Base}/{idManuscript}/{idComponent}" />
bibma:Component

<ecrm:P46i_forms_part_of><!-- URI group goes here, if manuscript is a member of a group -->
</ecrm:P46i_forms_part_of> bibma:Manuscript
```



# Exposure in RDF

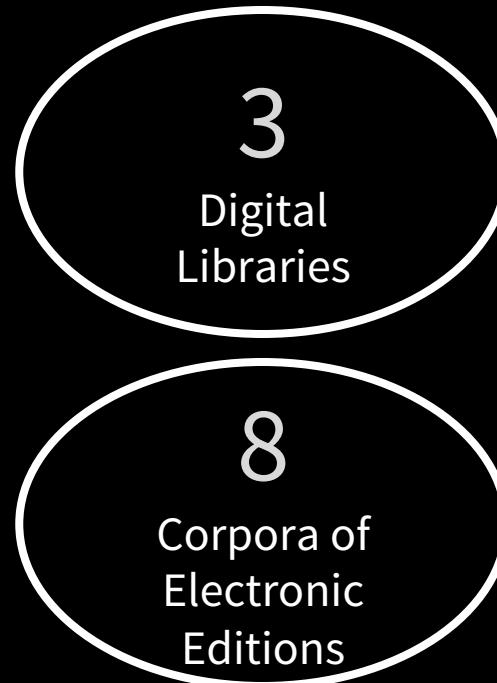
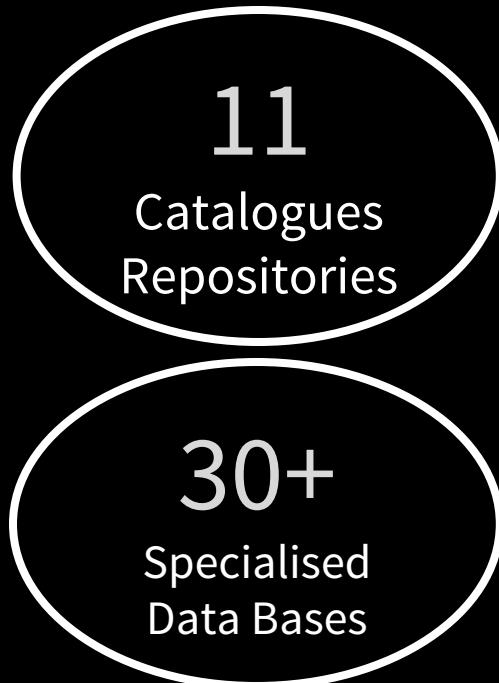
```
<!-- 1. Manuscript Metadata Part B -->

<ecrm:P43_has_dimension> bibma:has_extent ?
  <ecrm:E54_Dimensions> bibma:Extent ?
    <ecrm:P90_has_value><!-- number of folios goes here --></ecrm:P90_has_value>
      <ecrm:P91_has_unit>f.</ecrm:P91_has_unit>
    </ecrm:E54_Dimensions>
  </ecrm:P43_has_dimension>

<ecrm:P43_has_dimension> bibma:has_format ?
  <ecrm:E54_Dimensions> bibma:Format ?
    <ecrm:P90_has_value><!-- height and width goes here --></ecrm:P90_has_value>
      <ecrm:P91_has_unit>mm</ecrm:P91_has_unit>
    </ecrm:E54_Dimensions>
  </ecrm:P43_has_dimension>
</rdf:Description>
```



# The « Cluster »



# Next Steps - Data Integration



- former owner / former shelfmarks
- other features (provenance marks)
- inventories and sales catalogues
  - digital editions
- integration of incunabulas

# Next Steps - Access Point Data



- more data
- integration of roles and related objects in the pages of persons
- integration of related expressions and manuscripts in the pages of works
  - focus on expressions

# Live Demo

- Rome (Italie)
- titus livius, ab urbe condita
- Présentation du livre
- descriptions des côtes et îles de la méditerranée
- Saint-Denis (Seine-Saint-Denis, France)

# MERCI

Pauline Charbonnier

Eduard Frunzeanu

Marie Muffat

Doudou Dieye

Régis Robineau (frames Mirador)

Adrien di Mascio Logilab