



# Biblissima

## Connecting Manuscripts Collections

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Atelier ADEMEC

*Ecole nationale des Chartes, Paris (February 22<sup>th</sup>, 2020)*

Biblissima   
@biblissima

Régis ROBINEAU  
@regisrob

**Top Left:** [Esprit des livres](#) Catalogue de manuscrits de l'époque moderne. Shows a search interface for manuscripts.

**Top Center:** [ONAS - S... Fiche Bibliale](#) Shows a manuscript page with a red stamp.

**Top Right:** [Pinakes](#) Catalogue de manuscrits enluminés. Shows a medieval manuscript page.

**Middle Left:** [BIDARE Collection](#) Shows a collection of manuscripts.

**Middle Center:** [JONAS - Sect... Fiche Bibl...](#) Shows a manuscript page with a red stamp.

**Middle Right:** [BnF Mandragore](#) Catalogue de manuscrits enluminés. Shows a medieval manuscript page.

**Bottom Left:** [Archives et manuscrit](#) Formulaire de recherche. Shows a search form for manuscripts.

**Bottom Center:** [Les Bibliothèques Virtuelles](#) Fac-similés, Epistola, Manus. Shows a medieval manuscript page.

**Bottom Right:** [Gallica](#) (BnF) Catalogue de manuscrits enluminés. Shows a medieval manuscript page.

**Bottom Left Content:** [Hebrew Fragments in European Libraries](#) About the project, Partners, Researchers, Hebrew fragments databases, Institute. Shows a logo of a book with Hebrew script.

**Bottom Center Content:** [BMM IRHT](#) Shows a medieval manuscript page.

**Bottom Right Content:** [BMM IRHT](#) Shows a medieval manuscript page.



# Biblissima?

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# Biblissima (“Bibliotheca bibliothecarum novissima”)



- Data facility for historians of ancient texts
- 10 partners, including the Archives nationales (since 2017)
- International collaborations: IIIF, Wellcome Library, MMM...

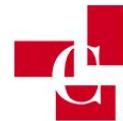
ARCHIVES  
NATIONALES

{ BnF

CAMPUS  
CONDORCET  
Paris-Aubervilliers

Centre d'études supérieures de  
la Renaissance

UMR  
5648  
**iham**

  
École  
nationale  
des  
chartes  
  
PSL

centre  
Michel  
de  
Boüard  
CRAHAM

IRHT  
Institut de recherche  
et d'histoire des textes

M R S H  
NORMANDIE - CAEN  
Maison de la Recherche  
en Sciences Humaines  
CNRS - UNIVERSITÉ DE CAEN

  
École Pratique  
des Hautes Études  
  
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PSL



# The main goals of Biblissima

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- Federate digital libraries
- Structure data corpora and research communities
- Train researchers
- Facilitate access to and reuse of data (both textual and documentary resources)



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[Accueil](#)[Recherche](#)[Sélection \(0\)](#)

CHARTRES, Bibliothèque municipale, 0029 (0070)

| Num. (423)

Décor (1)

Affichage : 4x3

[Retour résultats](#)[- Liens -](#) 

1 . CHARTRES, Bibliothèque municipale, 0029 (0070), f. ?

[Comparer](#)

2 . CHARTRES, Bibliothèque municipale, 0029 (0070), f. ?

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3 . CHARTRES, Bibliothèque municipale, 0029 (0070), f. ?

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[Comparer](#)

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[Comparer](#)

8 . CHARTRES, Bibliothèque municipale, 0029 (0070), f. ?

[Comparer](#) 



Duo royaume de canpe.  
Les de l'isle nati est un royaume qui a nom canpe et jas

Folio | 105v



## Rabelais (François)

La Sciomachie et festins  
faits à Rome  
[Détails au survol de la souris]

1549

[La Sciomachie]

ODE SAPPHICA R. D. IO. C

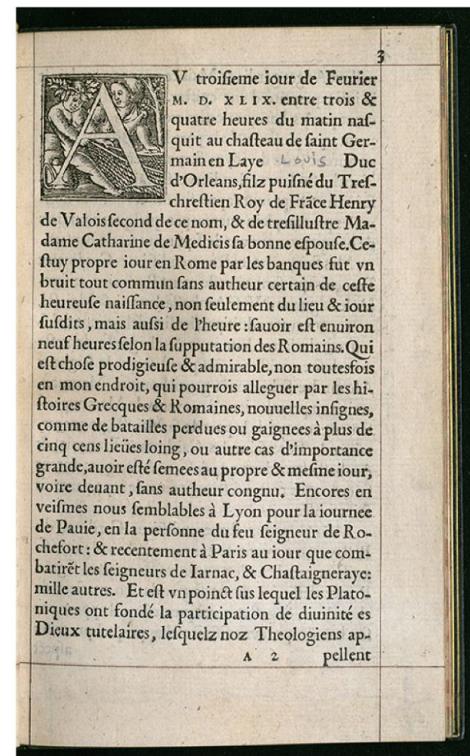
Tout regrouper | Tout dérouler

Au troisième jour de Fevrier  
M. D. XLIX. entre trois & quatre heures du matin naquit au chasteau de saint Germain en Laye **Louis** Duc d'Orleans, filz puissné du Tres-chrestien Roy de France Henry de Valois second de ce nom, & de tresillustre Madame Catharine de Medicis sa bonne espouse. Cestuy propre jour en Rome par les banques fut un bruit tout commun sans autheur certain de ceste heureuse naissance, non seulement du lieu & jour susdits, mais aussi de l'heure: savoir est environ neuf heures selon la supputation des Romains. Qui est chose prodigieuse & admirable, non toutesfois en mon endroit, qui pourrois alleguer par les histoires Grecques & Romaines, nouvelles insignes, comme de batailles perdues ou gaignees à plus de cinq cens lieues loing, ou autre cas d'importance grande, avoir esté semees au propre & mesme jour, voire devant, sans autheur congnu. Encores en veismes nous semblables à Lyon pour la journee de Pavie, en la personne du feu seigneur de Rochefort: & recentement à Paris au jour que combatirent les seigneurs de Jarnac, & Chastaigneraye: mille autres. Et est un point sus lequel les Platoniques ont fondé la participation de divinité es Dieux tutelaires, lesquelz noz Theologiens ap-

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# 3 interoperable digital libraries

BVMM

Gallica

B  
V  
H



**Biblissima portal**  
(Mirador viewer)



# The main goals of Biblissima

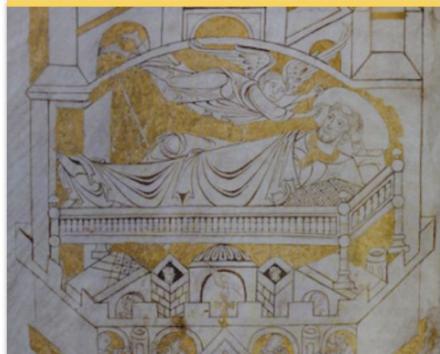
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- Federate digital libraries
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# Biblissima projects and data corpora

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- ~50 research projects supported by Biblissima:
  - ◆ enrich existing corpora, produce new data (edition, documentation, digitization)
  - ◆ in line with Biblissima's focus and priorities
- a growing community, beyond the initial consortium:
  - ◆ Europeana Regia, Sourcencyme, RegeCart, Collecta, Università degli Studi di Padova, Wellcome Collection...



## Virtual Library of Mont Saint-Michel

The abbey's historical library has survived to this day in remarkable condition and is currently preserved at the Public Library in Avranches.

URL: <https://www.unicaen.fr/bvmsm/>

Medieval, Renaissance, Early Modern  
Library  
Online



## Pinakes

This database provides information on the manuscript tradition of pre-sixteenth century Greek texts. The project began in 1971 at the Pontifical Institute of Mediaeval Studies in Toronto; in 1993 the Greek section at the IRHT took over its management and continues to enrich it with new data to this day.

URL: <http://pinakes.irht.cnrs.fr/>

Greek  
Medieval  
Online

# Jonas

## Jonas

This online database was launched in 2002 and aims to build up an index of medieval texts and manuscripts in Occitan and the langues d'oïl, in addition to providing a tool for the in-depth study of hagiographical manuscripts.

URL: <http://jonas.irht.cnrs.fr>

Middle French, Occitan, Old French  
Medieval  
Online



## Manuscripta Medica

This database, originally designed to describe the medical manuscripts held at the BnF (over 500), will be expanded to include Latin medical manuscripts that are held at other French libraries. The resulting data will be compared to those found in other major European libraries with particular attention given to translations of Greek and Arabic medical texts into Latin in the 11<sup>th</sup> to 14<sup>th</sup> centuries.

URL: <http://www.manuscripta-medica.com/>

Latin  
Medieval  
Medicine  
Online

# Initiale

## Initiale

Maintained by the "Section des manuscrits enluminés" at the IRHT since 1990, this online catalogue lists the illuminated manuscripts held in French public collections (except those of the Bibliothèque nationale de France): 10,500 manuscripts, in addition to more than a thousand illuminated incunables and early printed books.

URL: <http://initiale.irht.cnrs.fr>

Medieval, Renaissance, Early Modern  
Illumination, Incunable  
Online



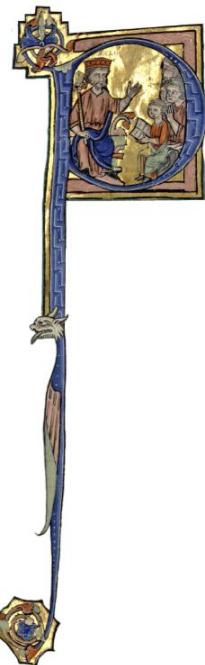
## Mandragore

This iconography database contains images and descriptions of illuminated manuscripts held at the BnF (département des Manuscrits and the former Bibliothèque de l'Arsenal).

URL: <http://mandragore.bnf.fr>

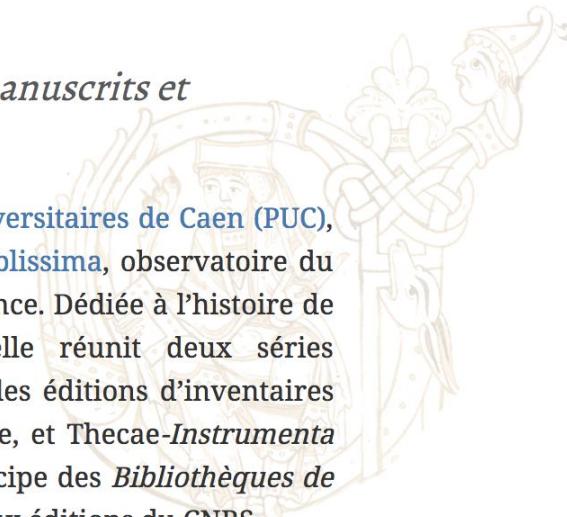
Latin, Middle French, Occitan, Old French, Syriac  
Medieval, Renaissance, Early Modern

~50 Biblissima Resources: [frama.link/biblissima-resources](http://frama.link/biblissima-resources)



## Thecae

*Corpus d'inventaires anciens de livres manuscrits et imprimés*



La collection Thecae, publiée par les [Presses universitaires de Caen \(PUC\)](#), a été définie et mise en œuvre par l'Equipex [Biblissima](#), observatoire du patrimoine écrit du Moyen Âge et de la Renaissance. Dédiée à l'histoire de la transmission des textes et des livres, elle réunit deux séries complémentaires : Thecae-Textes qui accueille des éditions d'inventaires médiévaux et modernes, du VIII<sup>e</sup> au XVIII<sup>e</sup> siècle, et Thecae-Instrumenta qui publie des répertoires de sources sur le principe des *Bibliothèques de manuscrits médiévaux en France* paru en 1987 aux éditions du CNRS.

Thecae a été préparée par des décennies de recherche à l'[Institut de recherche et d'histoire des textes \(IRHT\)](#) et construite avec la collaboration du [Centre Michel de Boüard](#) et de la [Maison de la recherche en sciences humaines \(MRSIH\)](#) de Caen. Avec Thecae, la France se dote du premier corpus électronique d'inventaires anciens de livres et elle met ainsi à la disposition du public un outil permettant d'étudier la transmission des textes sur un temps long et de façon totalement transversale.

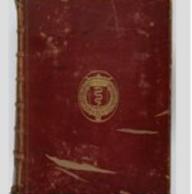
Home    ↓ Project    ↓ Organisation    ↓ Community    ↓ Resources    ↓ Calls for Projects    Job Offers

## Digitisation programme at the BnF

Following is a list of **manuscripts held at the Bibliothèque nationale de France that have been or that will be digitised** with funding from the Biblissima project. All of the manuscripts are included in various Biblissima [research programmes](#). This list is also maintained by the "Codicologie, histoire des bibliothèques et héraldique" section at the IRHT on the *Libraria* website: [www.libraria.fr/fr/node/2819](http://www.libraria.fr/fr/node/2819)

Rechercher ...

429 résultats (sur 429)

 <p>PARIS, BNF, COLL. BALUZE 270</p> <p>Fragments de mss carolingiens, dont un fragment de l'original partiellement autographe de la compilation augustinienne sur l'apôtre de Florus</p> <p>Bibliothèque capitulaire de Lyon à l'époque carolingienne</p>	 <p>PARIS, BNF, COLL. BALUZE 271</p> <p>Fragments de mss carolingiens</p> <p>Bibliothèque capitulaire de Lyon à l'époque carolingienne</p>	 <p>PARIS, BNF, LATIN 01452</p> <p>Collectio Hadriana</p> <p>Bibliothèque capitulaire de Lyon à l'époque carolingienne</p>	 <p>PARIS, BNF, LATIN 01454</p> <p>Hilaire, De Trinitate</p> <p>Bibliothèque capitulaire de Lyon à l'époque carolingienne</p>
 <p>PARIS, BNF, LATIN 01546</p>	 <p>PARIS, BNF, LATIN 01622</p>	 <p>PARIS, BNF, LATIN 01764</p>	 <p>PARIS, BNF, LATIN 02017</p>

Digitisation programs at the BnF: [frama.link/digitisation-bnf](http://frama.link/digitisation-bnf)



# Biblissima Partner Projects

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- 1 call per year
- research, digitisation, documentation
- € 200,000 in funding allocated each year
- about 6 projects funded per year
- 60 partners: libraries, archives, universities...  
(France, UK, Canada, USA)
- summer schools

# Selected Proposals for Biblissima's Sixth Call for Projects

After examining the proposals submitted in response to Biblissima's sixth call for projects, the Scientific Advisory Board and the Executive Committee have selected the following five projects to receive funding in 2018.

## Humanist Libraries in the Loire Valley (BHLi)

BM d'Angers — BM Le Mans — Bibliothèque du Prytanée militaire, La Flèche — Bibliothèque diocésaine du Mans — Société d'Agriculture, Sciences et Arts de la Sarthe — CESR-BVH — ENC — Département d'Histoire, Université du Maine

## Online Library of the Dominicans of Toulouse

BM de Toulouse — IRHT

## Mazarin's Library Online

Bibliothèque Mazarine — Centre Jean Mabillon, ENC — Pôle Document numérique, MRSN de Caen — BnF, département des Manuscrits — IRHT

## Cardinal Richelieu's Library

Bibliothèque Mazarine — IRHT — BnF, département des Manuscrits — Centre Jean Mabillon, ENC

## The Illustrated Book in Lyon (1480-1600)

Bibliothèque de l'Enssib — BM de Lyon — Centre Gabriel Naudé — Groupe Renaissance et Âge Classique — Faculty of Mediæval and Modern Languages, Oxford University — The Warburg Institute

Selected projects for Biblissima Call 2018



# Bibliothèque virtuelle du Mont Saint-Michel

[Access the library](#)[About the library](#)[Bibliography](#)[Temporary exhibitions](#)[Research News](#)[Methodology](#)[Program and partners](#)[Advanced search](#)[Browser history](#)[Basket](#)

## The digital library of the Mont Saint-Michel

An exceptional collection...



THE HERITAGE LIBRARY OF AVRANCHES preserves 205 medieval and modern manuscripts, and 1254 printed books coming from the abbey of Mont Saint-Michel in addition to some thirty works listed in various institutions in France and abroad. The preserved documentary collection remains exceptional, despite losses and dispersion.

... for the History of the monastic library



Books play a key role in the religious life of the benedictines, either they be a support for prayers and meditation, or they record the memory of the abbey during its major events as well as its daily aspects.

The surviving books of the scriptorium and the abbey's library are thus the essential ressources to understand the history of the monastic community of the Mont, through its liturgical practices and its spiritual, intellectual or material concerns.

... for the History of the public libraries



DURING THE REVOLUTION, the books of religious congregations were nationalised. To ensure that the nation's literature studies were fully recorded, the confiscated collections were gathered in the « literary trusts » which from 1794, became public libraries to serve as an educational tool for the citizens. The books of Mont Saint-Michel therefore became part of the new history. Their future in Avranches illustrates the history of the municipal libraries in an exemplary manner, since the utopian project which led to their creation till the contemporary policies based on the conservation and enhancement of the written heritage.

... accessible from the digital library of the Mont Saint-Michel



THE DIGITAL LIBRARY OF THE MONT SAINT-MICHEL is part of a research collaboration scheme between the

## Virtual Library of the Mont Saint-Michel

# Provenance Information on French Library Collections



**Établissement porteur:** [Bibliothèque de l'Institut de France](#)

**Partenaire(s):** [Bibliothèque de la Cour de cassation](#)

[Bibliothèque Mazarine](#)

[Bibliothèque du Ministère des Affaires étrangères](#)

[Bibliothèque municipale de Besançon](#)

[Bibliothèque municipale de Lyon](#)

[Bibliothèque municipale de Nancy](#)

[Bibliothèque nationale de France, Réserve des livres rares](#)

[Bibliothèque Sainte-Geneviève](#)

[Centre d'Études Supérieures de la Renaissance](#)

[Centre Gabriel Naudé](#)

[Institut d'histoire du livre](#)

[Service commun de documentation, Pôle patrimoine - Conservatoire national des arts et métiers](#)

INVENTAIRE iBibliothèques particulières et circulation du livre sous l'Ancien Régime  
(projet Biblissima).

Présentation générale

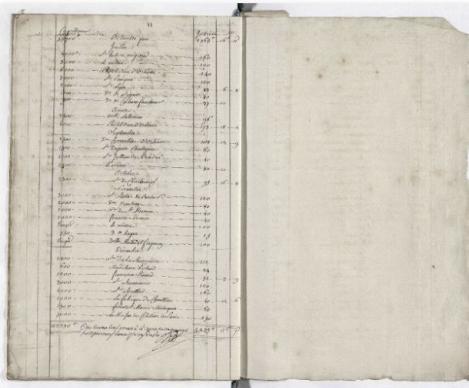
Détail du contenu

**Archives numérisées**

164 résultats.

Voir : 15 30 45

Rechercher dans l'inventaire

Cote : [G/9/65](#)

Inventaire général de la maison des célestins d'Ambert.

2 septembre 1771

Inventaire : **Bibliothèques particulières et circulation du livre sous l'...**[Voir](#)Cote : [G/9/71](#)

Inventaire de la maison des célestins de Lyon.

7 juin 1771

Inventaire : **Bibliothèques particulières et circulation du livre sous l'...**

Boétie's library following the discovery of a sub-collection of books which belonged to him, most notably within Montaigne's own library.



### Online Benedictine Library of Saint-Amand Abbey (8th-18th Centuries)

Led by the Bibliothèque municipale de Valenciennes in partnership with the Centre Jean Mabillon (ENC), the Institut d'Histoire Moderne et Contemporaine (CNRS), the Institut de Recherche et d'Histoire des Textes (CNRS), the Faculté des arts et des sciences de l'Université de Montréal and the Laboratoire CALHISTE de l'Université de Valenciennes et du Hainaut-Cambrésis, this project will reconstruct and produce a digital online edition of the library catalogue of the former Saint-Amand Benedictine Abbey (also called Elnone Abbey) from its origins through to the end of the Ancien Régime. An estimated total of 350 manuscripts and 3000 early printed books are still in existence today, of perhaps 10,000 books total at the time of confiscation during the French Revolution.



### Mazarin's Library, Online

Led by the Bibliothèque Mazarine in partnership with the Centre Jean Mabillon (ENC), the Pôle Document numérique at the MSH de Caen and the Department of Manuscripts at the BnF, this project proposes an online critical edition of the catalogue records for Mazarin's library (1602-1661), which will allow for a virtual reconstruction of the collection, advanced searching of the content and the identification and location of those manuscripts and early printed books which subsist today. The project focusses on the inventory of the library which was drawn up in 1661, in the weeks following Mazarin's death (27,000 printed books and just over 2,000 manuscripts).



### Provenance Information on French Library Collections

Led by the Bibliothèque de l'Institut de France in partnership with the bibliothèque de la Cour de cassation, the Bibliothèque Mazarine, the bibliothèque du Ministère des Affaires étrangères, the Bibliothèques municipales de Besançon, de Lyon et de Nancy, the Réserve des livres rares at the Bibliothèque nationale de France, the Bibliothèque Sainte-Geneviève, the CESR, the Centre Gabriel Naudé, the Institut d'histoire du livre and the Service commun de documentation du CNAM (Pôle patrimoine), this project will develop a joint online tool that draws together provenance information on the manuscripts and printed books (primarily those printed

proposes to combine automated image analysis with detailed scientific study in order to develop a virtual library for the historical province of Poitou and provide in-depth analysis of the circulation of books through the identification of their origins and provenance.



### Online Library of the Dominicans of Toulouse

Led by the Bibliothèque municipale de Toulouse in partnership with the Institut de recherche et d'histoire des textes, this project aims to study the library of the first major establishment of the Dominican order, which was founded in Toulouse in 1215 and existed until 1789.



All partner projects (2013-2018) : [frama.link/biblissima-projects](http://frama.link/biblissima-projects)



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# Biblissima Summer Courses

- 
- 1 or 2 every year:
    - ◆ to cultivate a pool of young researchers
    - ◆ by combining traditional scholarship with digital technologies and tools
  - 5 summer schools organised since 2013

**ÉCOLE D'ÉTÉ BIBLISSIMA**  
organisée par la ville et la bibliothèque patrimoniale d'Avranches  
29 août - 2 septembre 2016

*magina longe latet: undiq; pnum  
Editer et cataloguer  
aujourd'hui  
autour de la bibliothèque  
du Mont Saint-Michel*

Bibliissima UNISON PDN MSH Bibliothèques

#### Avranches: Summer Course (2016)

A summer course entitled "The Case of the Library of Mont Saint-Michel – Edition and Cataloguing Today", organised by the Bibliothèque patrimoniale d'Avranches in partnership with the Centre Michel de Boüard – CRAHAM, the MRSN – Université de Caen and the Equipex Biblissima, was held in Avranches from Monday 29th August to Friday 2nd September 2016.

**Reconstituer  
une bibliothèque médiévale**

**L'EXEMPLE DE  
SAINT-BERTIN**

**École d'été**  
du mardi 25 au samedi 29 août 2015

Organisée par la Bibliothèque d'Agglomération de Saint-Omer en partenariat avec Biblissima et l'Institut de recherche et d'histoire des textes (CNRS)

C2D2 CITS IRHT biblissima

#### Saint-Omer: Summer Course (2015)

The Bibliothèque d'Agglomération de Saint-Omer organised a summer course entitled "Reconstructing a Medieval Library Today: the Case of Saint-Bertin" in collaboration with the Institut de recherche et d'histoire des textes and Biblissima, from Tuesday 25th to Saturday 29th August 2015.

**Médiathèque d'Orléans**  
du mardi 7 au samedi 11 juillet 2015

**École d'été Biblissima**  
Organisée par les médiathèques d'Orléans en partenariat avec Biblissima et le Centre d'études supérieures de la Renaissance de Tours

Quoꝝ deoy p̄ficio putan roſu auctu arq; seruant; cum ſing

#### Les incunables

de l'invention de Gutenberg à la révolution numérique

#### Orléans: Summer Course (2015)

A summer course entitled "Incunabula: from Gutenberg's Invention to the Digital Revolution" and organised by the Médiathèques d'Orléans in partnership with the Centre d'Études supérieures de la Renaissance de Tours and the Equipex Biblissima, was held in Orléans from Tuesday 7th to Saturday 11th July 2015.

**Biblissima BnF**

Paris: Data Modelling Training Session (2014)

The département de l'Information bibliographique et numérique at the Bibliothèque nationale de France and

**Reconstituer une  
BIBLIOTHÈQUE  
MÉDIÉVALE**  
aujourd'hui

**l'exemple de Clairvaux**

La Médiathèque du Grand Troyes organise une  
**École d'été**

Paris: COST Training School (2014)

The Institut de recherche et d'histoire des textes (IRHT), Paris, organized a Training School in 2014.

# Biblissima Summer Courses



Le trionfo della pace

le trionfo della pace

la maison d'au volij avec signo lb//>Kempis

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vbasileos . 1551. fol.

Biblissima

Bibliothèque Mazarine

École d'été

Bibliothèque Mazarine  
8-11 juillet 2019

## Summer Course in Paris, Bibliothèque Mazarine (July 2019)

*Décrire, reconstituer, explorer  
les bibliothèques de la  
première modernité*

(Bibliothèque Mazarine,  
Biblissima)

**ÉCOLE D'ÉTÉ BIBLISSIMA**  
organisée par la ville et la bibliothèque patrimoniale d'Avranches  
29 août - 2 septembre 2016

*magina longe latet: undas pum*  
*Editer et cataloguer*  
*aujourd'hui*  
*autour de la bibliothèque*  
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#### Orléans: Summer Course (2015)

A summer course entitled "Incunabula: from Gutenberg's Invention to the Digital Revolution" and organised by the Médiathèques d'Orléans in partnership with the Centre d'Études supérieures de la Renaissance de Tours and the Equipex Biblissima, was held in Orléans from Tuesday 7th to Saturday 11th July 2015.

**Biblissima BnF**

Paris: Data Modelling Training Session (2014)

The département de l'Information bibliographique et numérique at the Bibliothèque nationale de France and

**Reconstituer une BIBLIOTHÈQUE MÉDIÉVALE aujourd'hui**

**l'exemple de Clairvaux**

La Médiathèque du Grand Troyes organise une  
**École d'été**

Paris: COST Training School (2014)

The Institut de recherche et d'histoire des textes (IRHT), Paris, organized the Training School in 2014.

# Biblissima Summer Courses (7 in 2013-2019)



# Biblissima Toolkit

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- **Baobab**: a catalogue of online resources (tools, guides, tutorials, etc.) on the subjects covered by Biblissima
- **Collatinus**: lemmatiser and morphological analyser for Latin texts (desktop and web versions)
- **Eulexis**: lemmatiser for Ancient Greek texts (desktop and web versions)
- **TEI Schemas for Bookbindings**
- **XML Editing Tools** to work on ancient documents (EAD, TEI)

[outils.biblissima.fr](http://outils.biblissima.fr)

Pour commencer (10)	Voir (46)	Trouver une notice (136)
Décrire (9)	Identifier (139)	Comprendre (47)
Aller plus loin (47)	Éditer (12)	Mettre en ligne (4)
Usuels (259)		

## Collatinus

Lemmatiseur et analyseur morphologique de textes latins (version pour bureau Mac, Windows, GNU/Linux / version en ligne)



## Eulexis

Lemmatiseur de textes en grec ancien (version bureau et web).



## Schémas TEI reliure

Les schémas TEI de description des reliures et leur documentation



## Outils d'édition XML

Outils et environnements de travail en XML (EAD et TEI) développé par le Pôle Document numérique de la MRSN de l'Université de Caen-Normandie.

# Collatinus

## 11.1

Lemmatiser and morphological analyser  
for Latin texts

[Download for Mac OS ▾](#)[Collatinus on Github](#)[Try the online app](#)[Presentation](#)[New features](#)[Screenshots](#)[Downloads](#)[Credits](#)

## Presentation

Collatinus is a free multi-OS (Mac, Windows, Ubuntu and Debian GNU/Linux) and open source application that is easy to install and use.

Collatinus is both a lemmatiser and a morphological analyser for Latin texts: if a conjugated or declined form of a word is entered, it is capable of finding the correct root word to search for in the dictionary and then displaying its translation into another language, its different meanings, and any other information usually found in dictionaries.

In practice, Collatinus will be useful mostly for Latin teachers and professors who can quickly generate a complete lexical aid for any text and distribute it to their students. Students often use Collatinus as a reference when reading Latin texts, as they develop their vocabulary and language skills.

[Collatinus](#) - Lemmatiser and morphological analyser for Latin texts

# Collatinus web

Online lemmatiser and morphological analyser  
for Latin texts

 Collatinus web on Github

Try the desktop app

Online version of Collatinus, a multi-OS application to **lemmatise** and **analyse the morphology** of Latin texts.

This online version is based on version 10.2.2 of Collatinus.

This application has been made available with no guarantee and may be subject to further corrections and improvements.

**Find a lemma**

 in the Gaffiot 

**Inflect a lemma**

**Process a Latin text**

**Target language**

French    

Web version of Collatinus

# Eulexis-web

Lemmatiser for ancient Greek texts (online app)

 Eulexis-web on Github

Try the desktop app

Eulexis is a **lemmatiser for Ancient Greek texts**.

This application has been made available with no guarantee and may be subject to further corrections and improvements.

[More information](#)

**Find a lemma**

Enter a Greek word... **in** all three dictionaries **Search**

**Inflect a lemma**

Enter a Greek word... **Inflect**

**Lemmatise a Greek text**

Enter a Greek text...

**Lemmatise**

Exact forms only

 Erase

[Eulexis](#) - lemmatiser for Ancient Greek texts (desktop + web versions)

# TEI Schemas for Bookbindings

XML-TEI descriptive schemas for bookbindings and their documentation

Cette page fournit **le schéma de description TEI des reliures**, ainsi qu'une documentation et des exemples. Ce schéma est utilisé pour la constitution de la base des reliures numérisées de la BnF.

Pour en savoir plus :

- [Présentation de la base des reliures numérisées de la BnF](#)
- [Présentation du modèle de données et du schéma TEI](#)
- [Accès à la base Reliures](#)

L'ensemble de cette documentation est téléchargeable et réutilisable sous réserve de mentionner la paternité de l'information et de citer explicitement le nom de la Bibliothèque Nationale de France ([Licence Ouverte](#)).

## Manuel d'encodage XML-TEI pour le projet Reliures et dictionnaire des balises utilisées

Manuel complet de balisage avec renvoi au dictionnaire des balises : [Accéder au manuel](#)

[\*\*TEI Schemas for Bookbindings\*\*](#) (used by Reliures.bnf.fr)

✉ <fileDesc>  
  ✉ <titleStmt>

    ✉ <title> Avranches BM, 246 - Inventaire Pinot-Cocherie

    ✉ <author role="catalographer">

      Pierre-François Pinot-Cocherie

    </author>

    ⊕ <editor></editor>

      XML editing tools and environments (EAD and TEI)

  </titleStmt>

  ⊕ <edition-Stmt> </edition-Stmt>

The "Pôle Document numérique" of the MRSN at the University of Caen-Normandie is developing several tools and environments to work in XML on ancient documents:

- for the digital edition of historical sources in TEI,
- for the cataloguing of manuscripts and printed books in EAD,
- for the electronic publishing.

Several of these tools, developed in the framework of Biblissima, are used for the edition and publication of **Thecae**, the *Collection of inventories of medieval and modern books (8th - 18th century)* at the Presses Universitaires de Caen (forthcoming).

The tools presented below use the *XMLMind XML Editor* (XXE), a software developed by Pixware:

[Download XXE](#) (available on Windows, Mac OS and Linux).

Edit old inventories in XML-TEI

Catalogue manuscripts and printed books in XML-EAD

Work in collaboration

Publish, disseminate

# Catalogue manuscripts and printed books in XML-EAD

As part of the creation of the [Virtual Library of the Mont Saint-Michel](#), but also for the project [Route du livre italien ancien en Normandie](#), [Bibliothèque historique du ministère de l'agriculture](#) and Dicomarne, members of the Pôle Document numérique at the MRSN of Caen have been working on the **XML-EAD encoding of book descriptions** and have developed a **working environment for the XML cataloguing of manuscripts and ancient books**.

[Download the cataloguing environment](#)

[XML editing tools and environments in EAD and TEI \(used by Thecae\)](#)



# The main goals of Biblissima

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- Federate digital libraries
- Structure data corpora and research communities
- Train researchers
- Facilitate access to and reuse of data (both textual and documentary resources)



# Biblissima data cluster

**3+**

digital libraries



**30+**

catalogues and  
databases

**10+**

digital editions

[bit.ly/ressources-biblissima](https://bit.ly/ressources-biblissima)

**Books within books: Hebrew Fragments in European Libraries**

**Archives et manuscrit**

**Archives et manuscrit**

**Esprit des livres**

**ONAS - S... Fiche Bibliale**

**Jona Répertoire des textes e**

**Pinakes**

**Irht**

**Les Bibliothèques Virtuelles**

**Mandragore, base des manuscrits enluminés de la BnF**

**(BnF) Gallica**

**BYMM IRHT**

**Books within books: Hebrew Fragments in European Libraries**

**About the project**

**Books within books: Hebrew Fragments in European Libraries** is a European network working on fragments of medieval Hebrew books and documents recovered from book bindings in various libraries and archives in Europe, Israel and USA. Hebrew manuscripts are unique witnesses of Jewish presence and intellectual activities in medieval Europe. Only 1% of the books and writings produced in the past have been preserved. The corpus of fragmentary remains has considerably enriched our knowledge of medieval Hebrew manuscripts. The fragments have been identified in various libraries and collections in Austria, England, France, Hungary, Italy, Poland, Slovakia, Spain, Switzerland and Czech Republic. The richness of the corpus, referred to as well as the 'European Geniza', by analogy to the treasure trove recovered from the Cairo Geniza, offers a unique opportunity to reconstruct the history and of the Jewish communities in Medieval Europe.

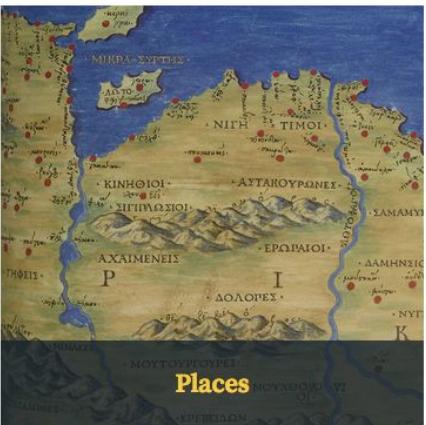
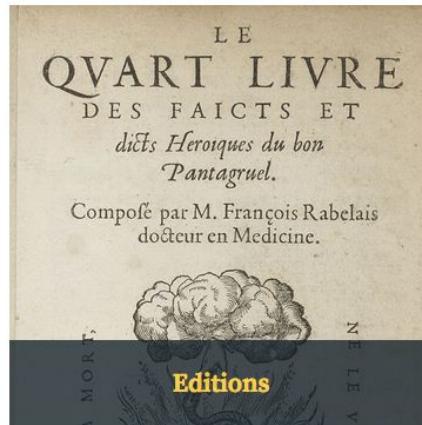
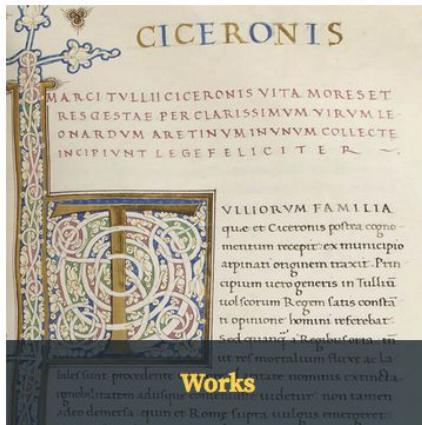
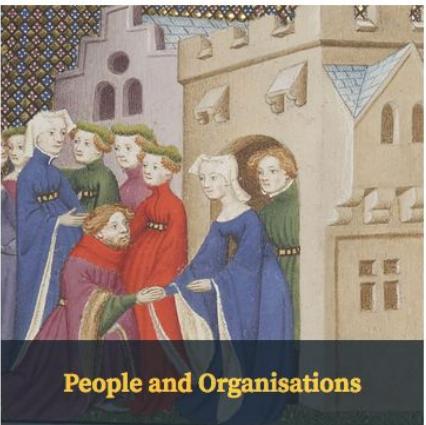
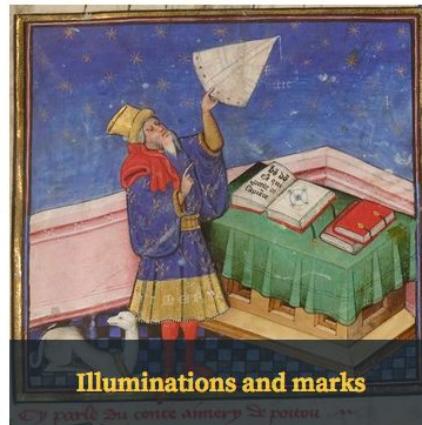
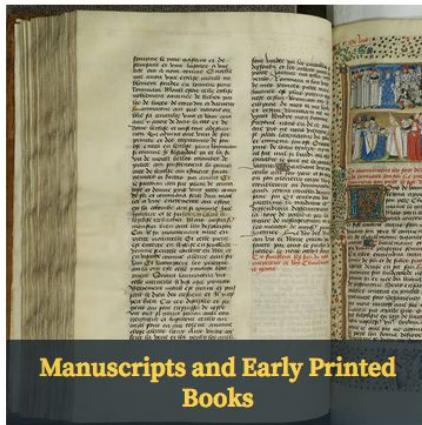
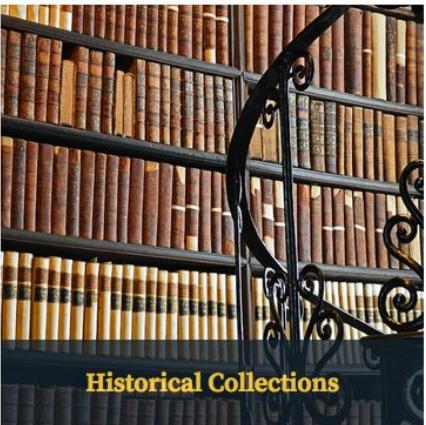


# Diversity of data

---

- **Manuscripts**
  - Parts / Groups
  - Folios
- **Editions and Early Printed Books**
- **Illuminations**
- **Provenance Marks**
- **Bindings**
- **Texts**
- **Inventories, Booklists**
- **Sales Catalogues**
- **Historical Collections**
- **Places**
- **Dates**
- **Persons**
- **Corporate Bodies**
  - Holding Institutions

# Explore



[portail.biblissima.fr](http://portail.biblissima.fr)



# The Biblissima Portal

(in a nutshell)

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# Main features

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- Focus: history of collections / transmission of texts in the Middle Ages and the Renaissance
- aggregates specialized data on medieval manuscripts and early printed books
- search, browse, visualize...



# Overall Development of the portal

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- Publicly online since April 2017
- Development log: [portail.biblissima.fr/en/dev-log](http://portail.biblissima.fr/en/dev-log)
- 11 data sources, integrated and interlinked



# Current data scope: 11 data sources

---

- Bibale
- CRII (Regional Catalogues of Incunabula of the French Libraries)
- Europeana Regia
- Esprit des livres
- Manuscripta medica
- RegeCart
- Bibliothèques françoises
- BnF Archives et manuscrits
  - ◆ Arsenal Library
  - ◆ MSS' department
- Wellcome Library (only medieval manuscripts)
- Mandragore
- Pinakes



# Current volume of data (February 2020)

487685 results

18567 Early Printed Books

95094 Manuscripts

59748 Texts

28698 People

3674 Organisations

5893 Places

74 Multi-volume manuscripts

8185 Historical Collections

24316 Descriptors

23534 Works

6936 Marks

7147 Editions

205165 Illuminations and decoration

654 Inventories

- About 500,000 “entities” (web pages)
- 95,000 manuscripts / 18,000 incunabula / 7000 editions
- 205,000 illuminations (from Mandragore)



All Biblissima

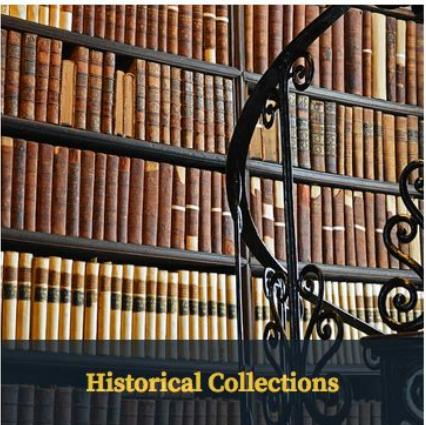
Enter a work, a person, a place, a shelfmark...



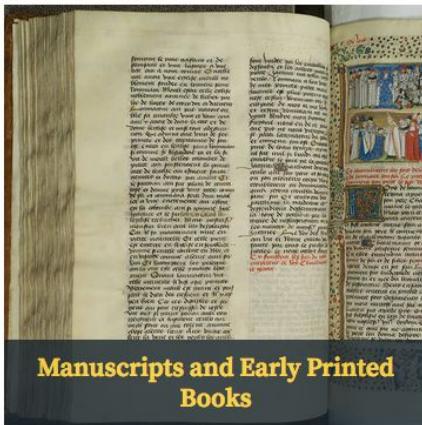
This portal is a virtual library of libraries: discover the history of various texts and books that were written, translated, illuminated, collected and catalogued from Classical Antiquity through the 18th century.

[You are looking at a preliminary \(beta\) version of this website](#)

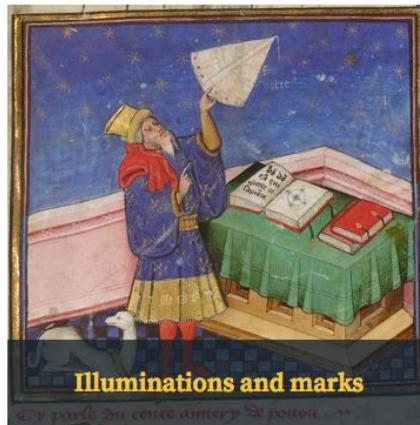
# Explore



Historical Collections

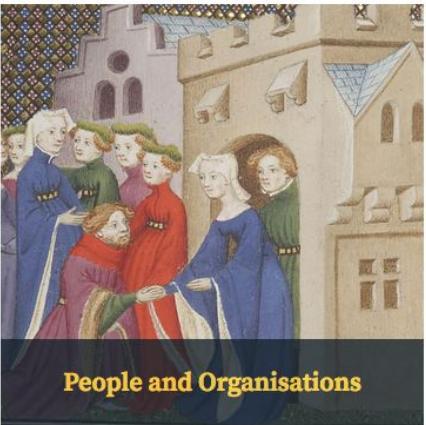


Manuscripts and Early Printed Books

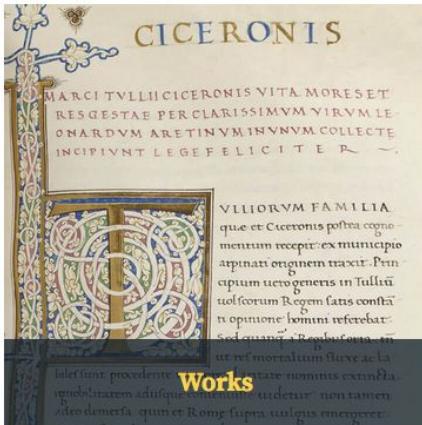


Illuminations and marks

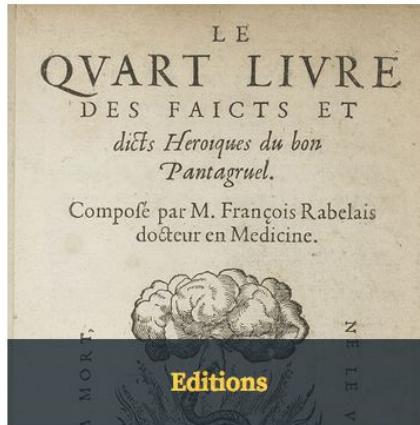
“Jy parle du conte amery de poitou.”



People and Organisations

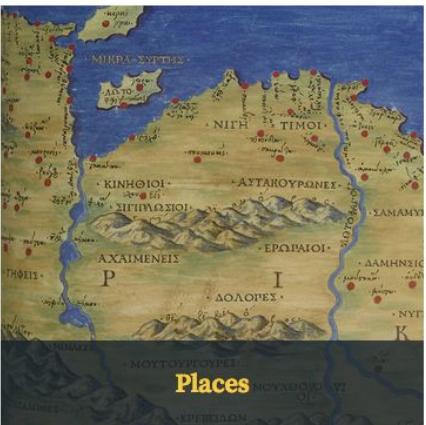


Works



Composé par M. François Rabelais  
docteur en Medicine.

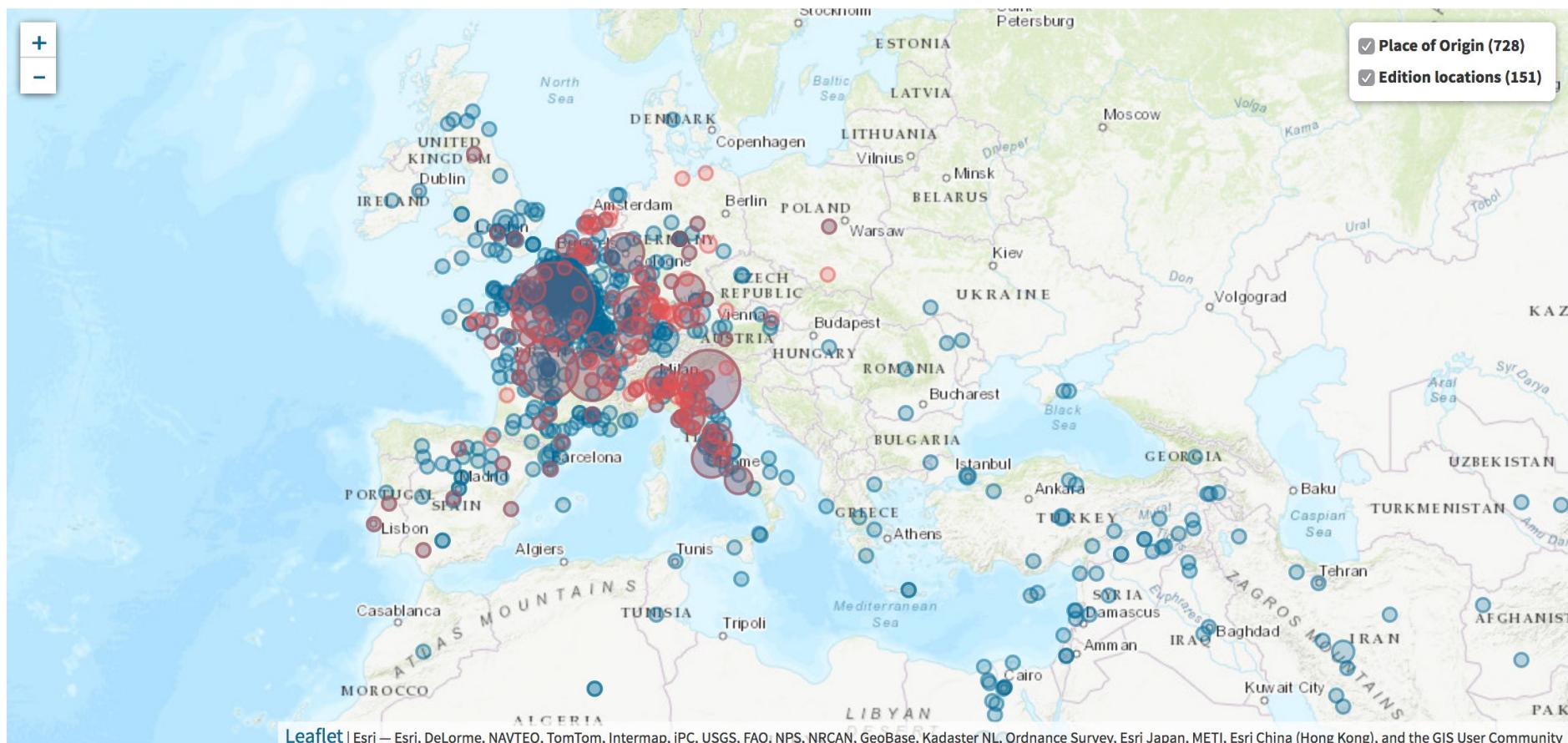
Editions



Places

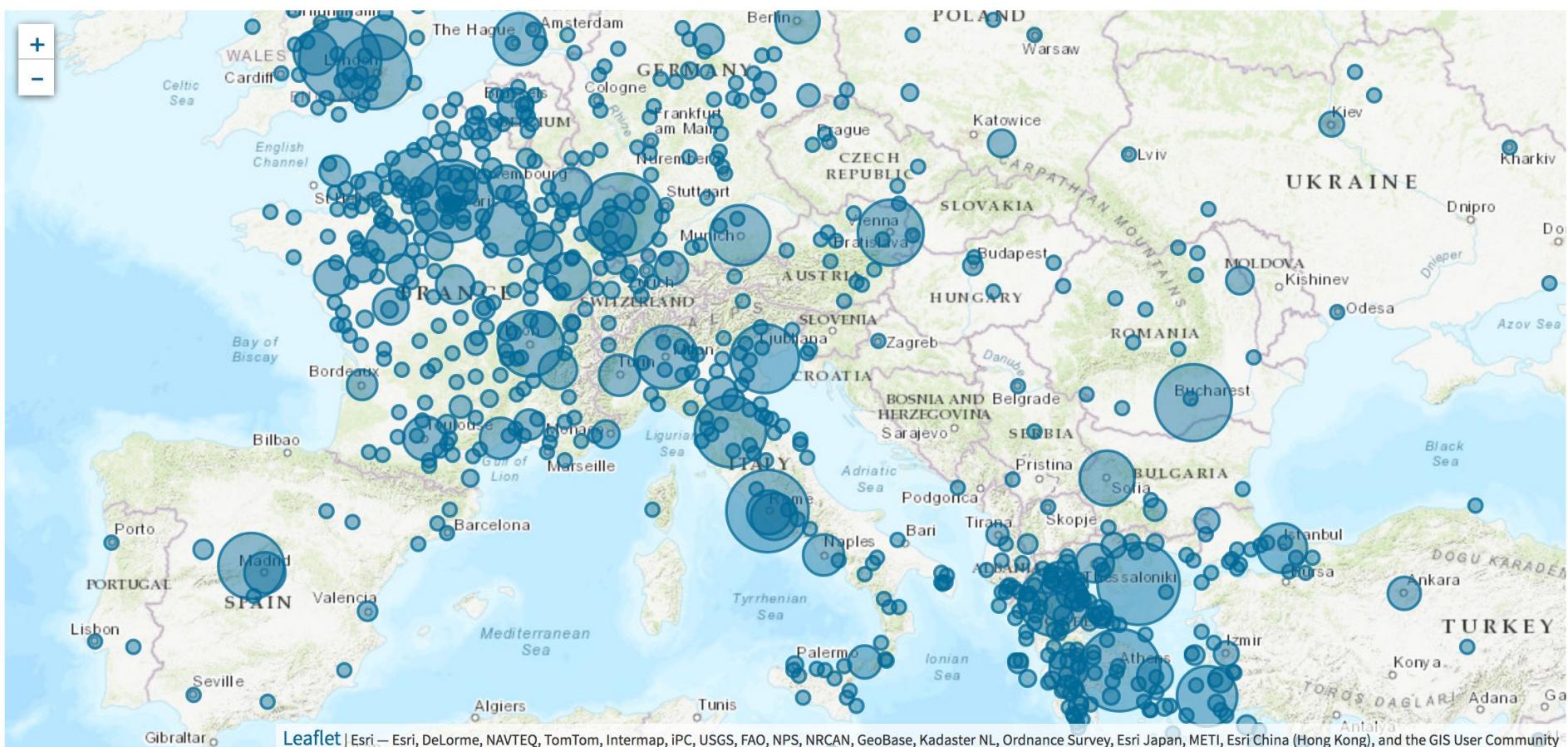


# Map of Places of Origin and Publication



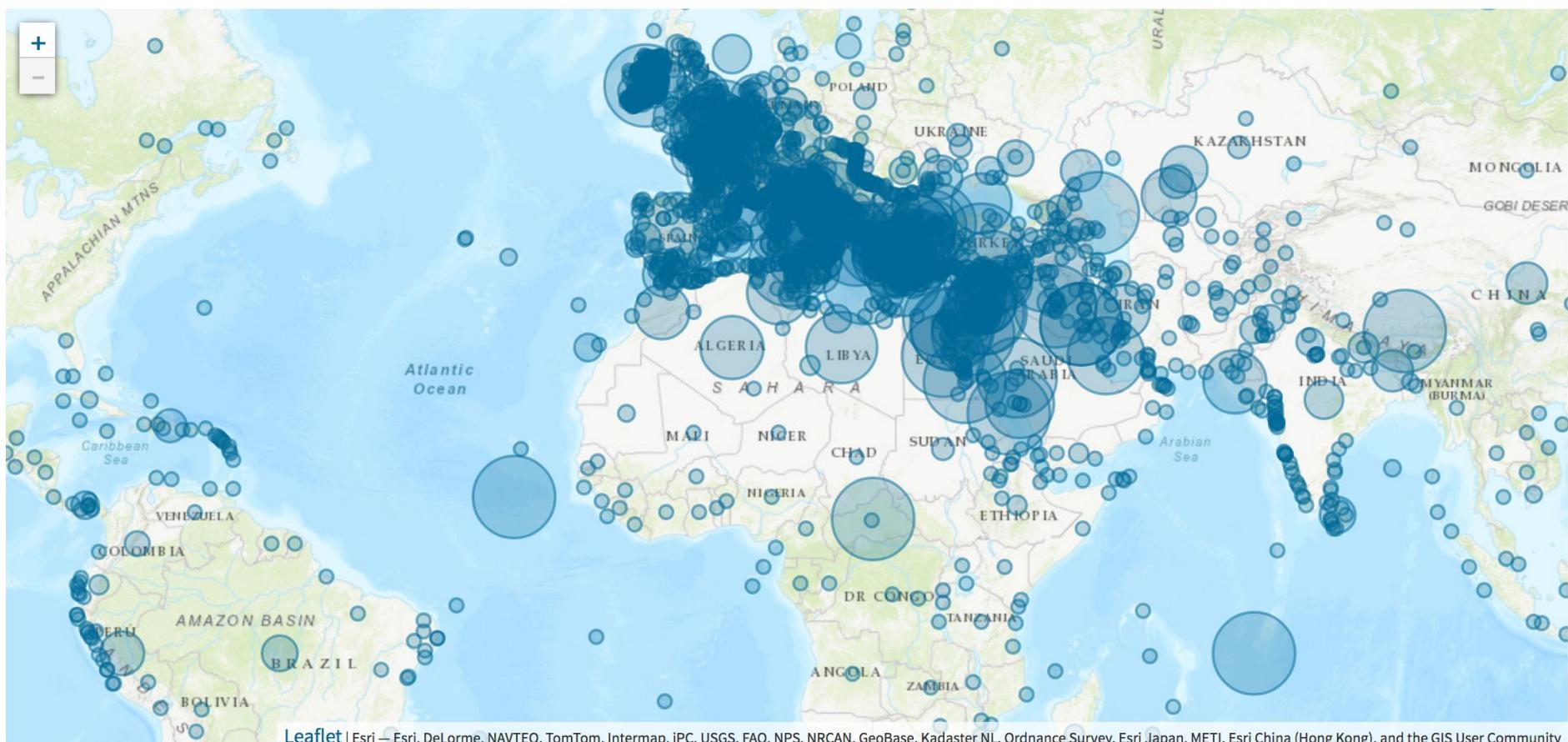


## Map of Holding Institutions

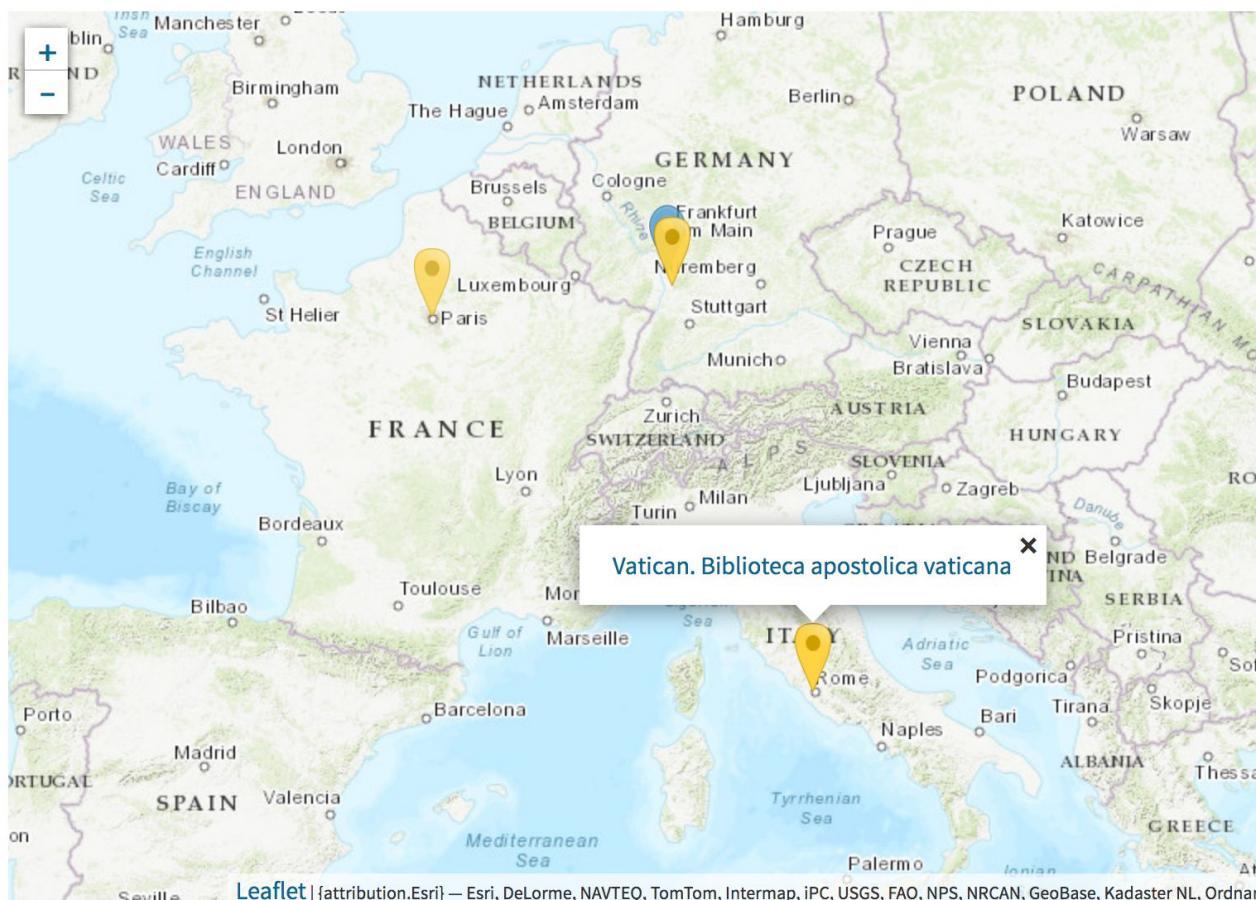




## Map of Places Depicted in Illuminations



# Life cycle of this book



## Place of Origin

- > Lorsch. Reichsabtei (Source: Europeana Regia)

## Former Owners

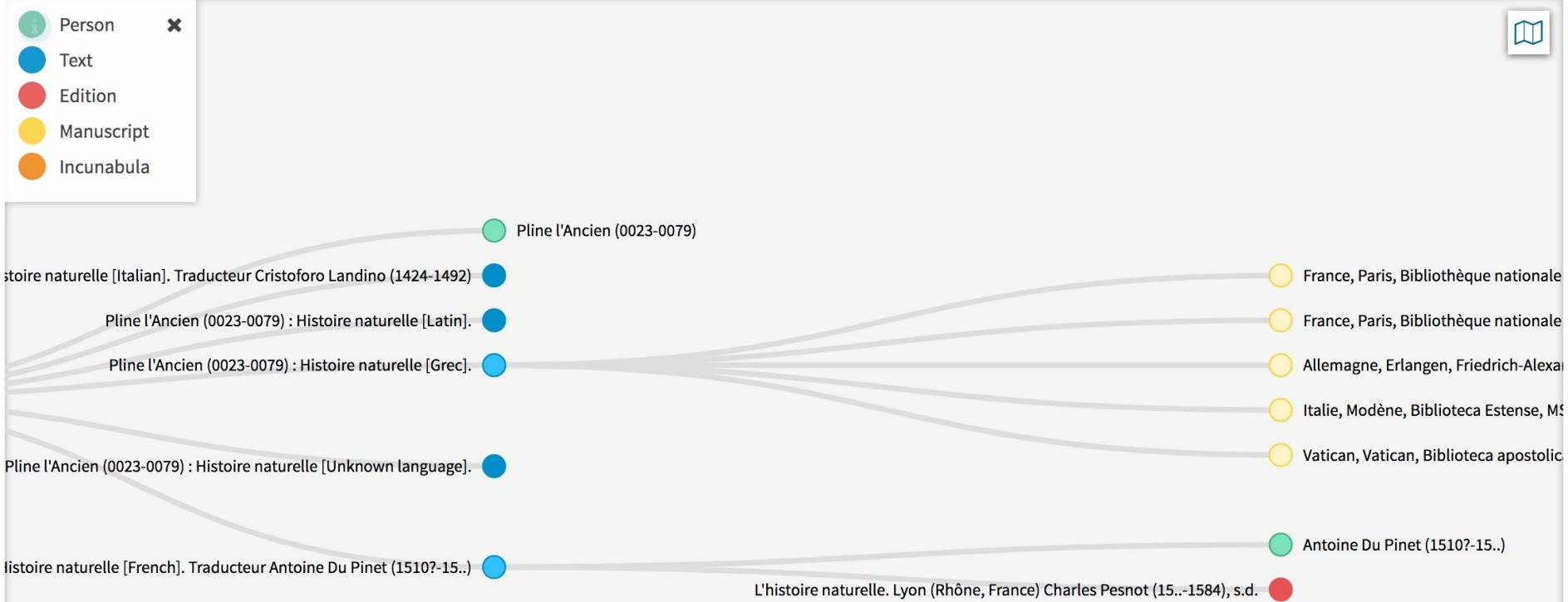
- > Heidelberg. Universitätsbibliothek, Bibliotheca Palatina
- > Paris. Bibliothèque nationale
- > Albani (famille)
- > Maximilien I de Bavière (1573-1651)
- > Vatican. Biblioteca apostolica vaticana

## Holding Institution

- > Heidelberg. Universitätsbibliothek

Map of a Life cycle of a manuscript:  
*Heidelberg, Universitätsbibliothek, Cod. Pal. lat. 864*

# Life cycle of this work

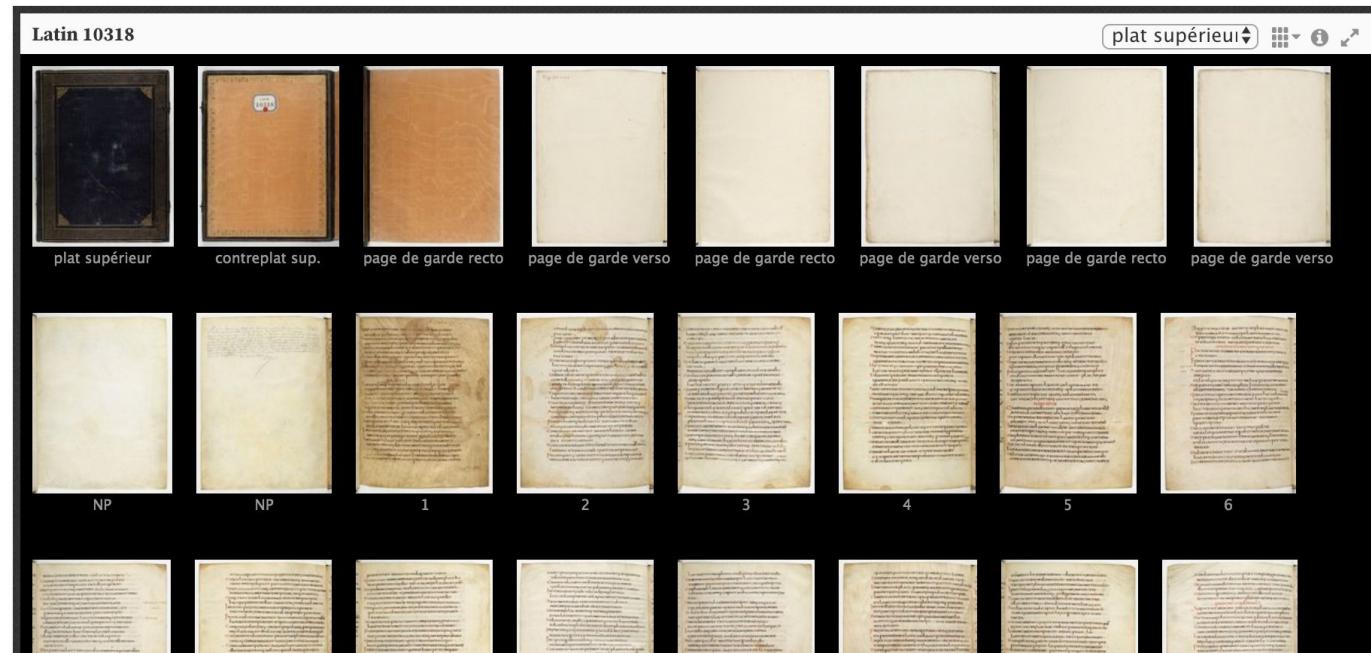


Life cycle of a Work:  
*Pliny the Elder, Natural history*

# France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 10318

Common Name :	codex salmasianus
Attested titles :	Anthologia latina [Anthologie dite de Saumaise]. Symphosius: Aenigmata. Apicius: De re coquinaria. Sextus: Sententiae. Ps. Seneca: De remedis fortitorum. C. Plinius secundus: Naturalis historia (excerpta)
Other Form of the Shelfmark :	Paris. Bibliothèque nationale de France, Département des manuscrits, BnF lat. 10318
Held at :	Paris. Bibliothèque nationale de France, Département des manuscrits
Date of Origin :	2e moitié du 8e siècle (Source: Europeana Regia) 701-900 (Source: Bibale)
Place of Origin :	Rome (Italie) (Source: Bibale) Région Toscane (Italie; 1860-) (Source: Europeana Regia) italie nord ou france sud (Source: Mandragore)
Support Material :	parchemin
Number of Folios :	I + 290 ff.

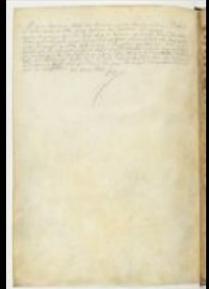
My Selection



Manuscript page in the portal (embedded Mirador viewer)



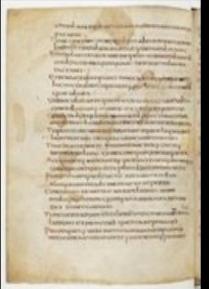
NP



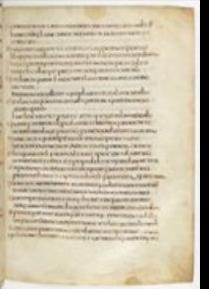
NP



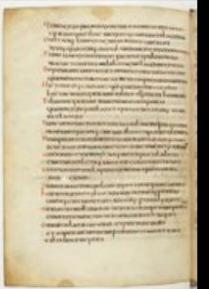
1



2



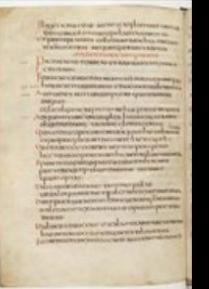
3



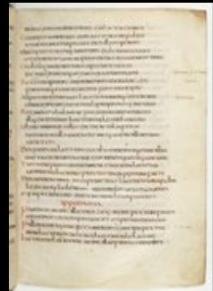
4



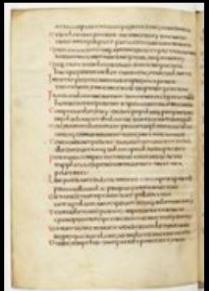
5



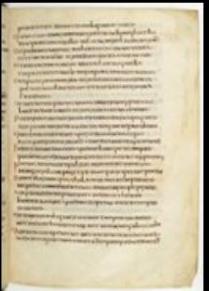
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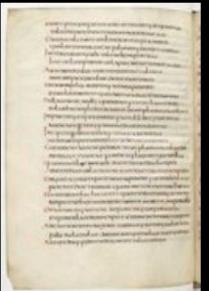
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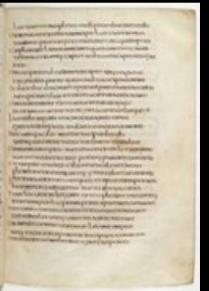
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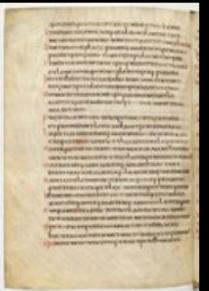
9



10



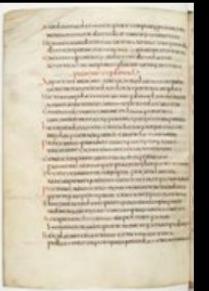
11



12



13



14

<https://gallica.bnf.fr/iiif/ark:/12148/btv1b8479004f/manifest.json>Digitisation: <https://gallica.bnf.fr/ark:/12148/btv1b90784055><https://gallica.bnf.fr/ark:/12148/btv1b8479004f>

IIIF logo + IIIF Manifest URL (Gallica)

Manuscript page in the portal (embedded Mirador)

Fabulæ [version en prose, éd. Romulus J. Fabulæ [version en vers de l'Anonymous Neveleti].  
ÆSOPUS : Fabulæ extravagantes. ÆSOPUS : Fabulæ novæ. AVIANUS : Fabulæ [extraits].  
Fabulæ collectæ. [Précédé de :] Vita Æsopi. Strasbourg (Bas-Rhin, France) Heinrich  
Knoblochtzer (14..-14..), Heinrich Steinhöwel (1412-1482?), Romulus (fabuliste, 04..?-  
04..?), circa 1481

Œuvre associée : Flavius Avianus (03..-04..) : Fables  
Ésope (0620?-0560? av. J.-C.) : Aesopus latinus  
Petrus Alfonsi (1062-1140?) : Disciplina clericalis  
Ésope (0620?-0560? av. J.-C.) : Fabulæ  
Walter d'Angleterre (11..-1177?) : Romulus : XIIe s.  
Ésope (0620?-0560? av. J.-C.) : Fabulæ  
Maxime Planude (1260?-1310) : Vie d'Ésope

Ma sélection

Date d'édition : circa 1481

Lieu d'édition : Strasbourg (Bas-Rhin, France)

CRI : vol. 13-22

N° CRII : 276

N° GW : 348

N° ISTC : ia00113000

✖ Fermer

Filtrer la liste :

 Universitäts-BIBLIOTHEK

Vita et Fabulae, lat

238 objets ...



 Bayerische Staatsbibliothek  
Information in eurem Land

Aesopus: Aesopus. Fabulæ

215 objets ...



 Bibliothèque nationale de France

BnF, Rés. g-Yc-34

...



**Edition page (embedded Mirador viewer)**

# Bibliothèque de l'abbaye de Saint-Denis

Type : Bibliothèque / clergé régulier / moines

Ancien possesseur : Saint-Denis. Abbaye Saint-Denis

**X Fermer**

Filtrer la liste:

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 DVL Vat.lat.3256  
6 objets 

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(BnF) Bibliothèque nationale de France BnF. Département des Manuscrits. Latin 55  
483 objets 

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(BnF) Bibliothèque nationale de France BnF, Département des manuscrits, Latin 5925  
382 objets 

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(BnF) Bibliothèque nationale de France BnF, Département des Manuscrits, Latin 7899  
364 objets 

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(BnF) Bibliothèque nationale de France BnF. Département des Manuscrits. Latin 1626  
578 objets 

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(BnF) Bibliothèque nationale de France Latin 7929 



<http://beta.biblissima.fr/iiif/collection/ark:/43093/coldata65803064bc74>



IIIF logo + IIIF Collection URL

Historical Collection page (embedded Mirador viewer)

## Currently held at

Laon. Bibliothèque municipale Suzanne Martinet

> [France, Laon, Bibliothèque municipale Suzanne Martinet, Ms. 118](#)

Paris. Bibliothèque Mazarine

> [France, Paris, Bibliothèque Mazarine, Inc 132-1 à 3](#)

> [France, Paris, Bibliothèque Mazarine, Inc 813](#)

> [France, Paris, Bibliothèque Mazarine, Inc D 885](#)

Paris. Bibliothèque nationale de France, Département des manuscrits

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Grec 933](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 2](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 55](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 116](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 250](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 256](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 1626](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 1943](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 2290](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 2291](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 2422](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 2447](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 2706](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 5925](#)

> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 7899](#)

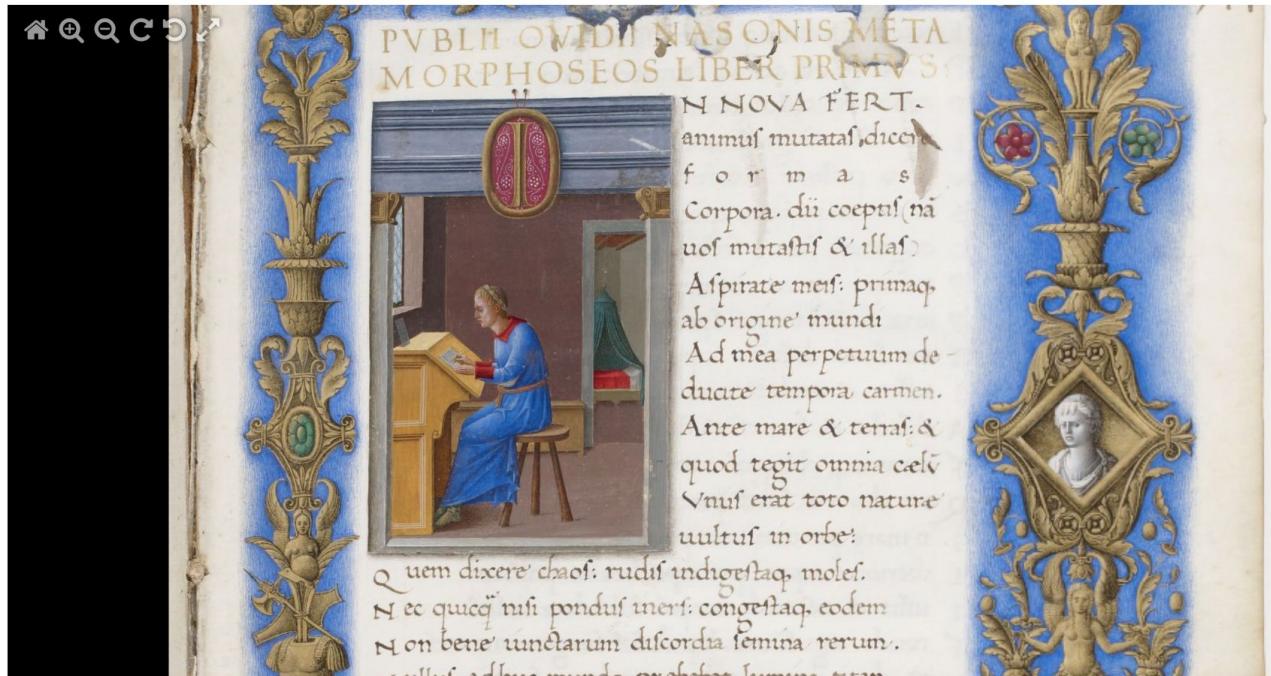
> [France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 7929](#)

 My Selection 0

Historical Collection page

Type :	enluminure
Feuillet / page :	1
Rubrique :	publpii ovidii nasonis metamorphoseos liber primus
Date de fabrication :	15e siècle
Descripteurs :	Tabourets, Écrivains, Lits, Scribes, Ovide (0043 av. J.-C.-0017), Pupitres
Personne ou collectivité associée :	Ovide (0043 av. J.-C.-0017)
Manuscrit :	France, Paris, Bibliothèque nationale de France, Département des manuscrits, Latin 8016
Texte :	Ovide (0043 av. J.-C.-0017) : Les métamorphoses [Langue non renseignée]. Enlumineur Maître du Pline de Londres (14..-14..)
Lieu de fabrication :	Naples (Campanie, Italie)

Ma sélection



<https://gallica.bnf.fr/iiif/ark:/12148/btv1b8452774s/manifest.json>



Numérisation :  
<https://gallica.bnf.fr/ark:/12148/btv1b8452774s/f9.image>

Illumination page (embedded OpenSeadragon viewer)

# Centaures

Autres graphies : centaur  
centaure  
centauro  
zentaur

Thématiques : Animaux et créatures fabuleux ou littéraires  
Religions et mythologies grecques et romaines (et assimilations)

Notes : voir aussi: sagitaire (Source : *Mandragore*)

≡ Centaures - Collection d'images d'enluminures et décors de manuscrits

Combat d'un

Index

3516

● 210v : Combat d'un centaure et d'un homme sauvage

▶ 5024

▶ Anglais 32

▶ Arabe 2178

▶ Arabe 2488

▶ Arabe 2489

▶ Arabe 2490

▶ Arabe 2491

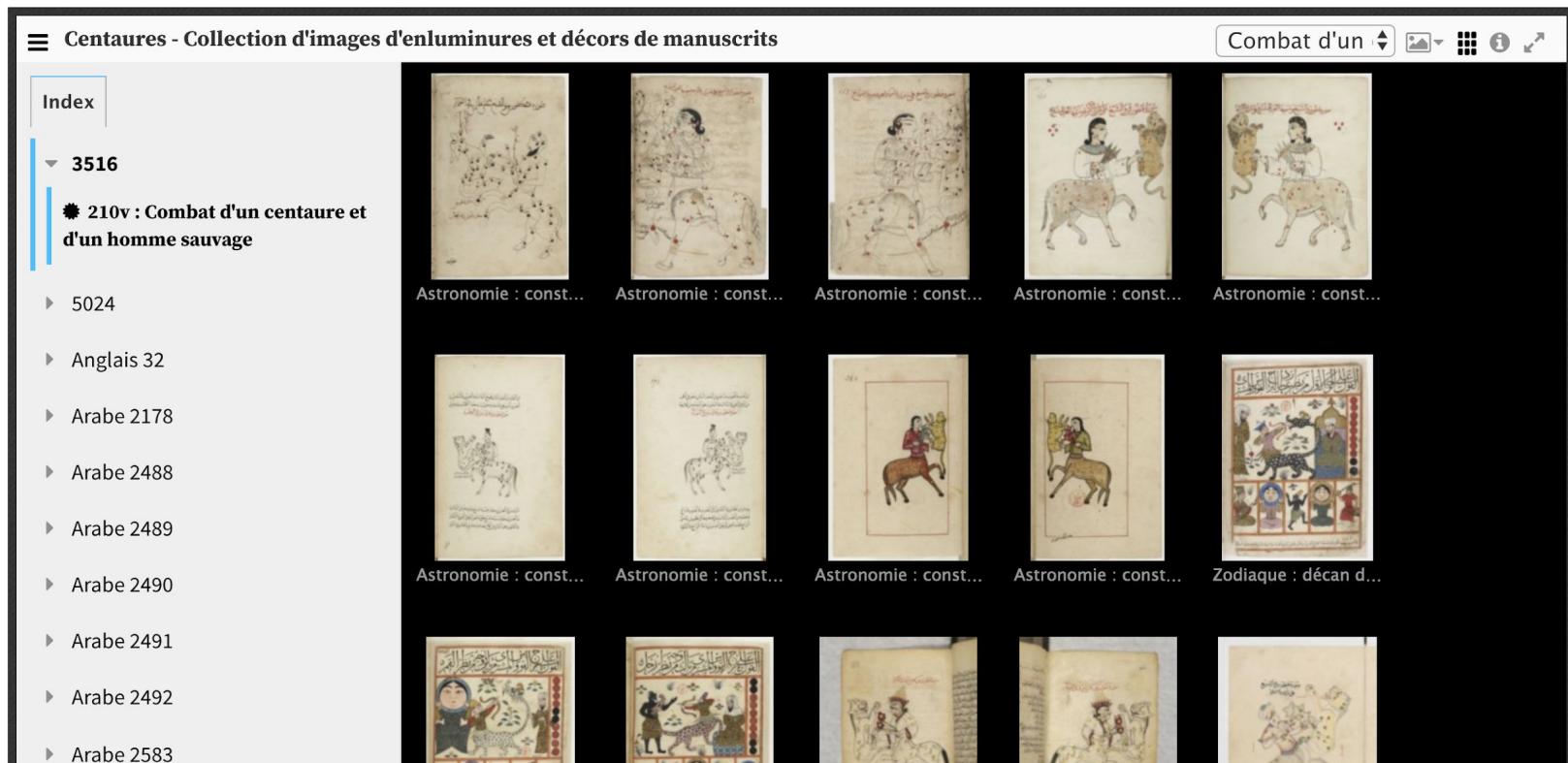
▶ Arabe 2492

▶ Arabe 2583

Astronomie : const... Astronomie : const... Astronomie : const... Astronomie : const... Astronomie : const...

Astronomie : const... Astronomie : const... Astronomie : const... Astronomie : const... Zodiaque : décan d...

Astronomie : const... Astronomie : const... Astronomie : const... Astronomie : const...



## Iconographic Descriptor page (Mandragore)

Mirador showing a collection of illuminations (dynamic Manifest generated by Biblissima)

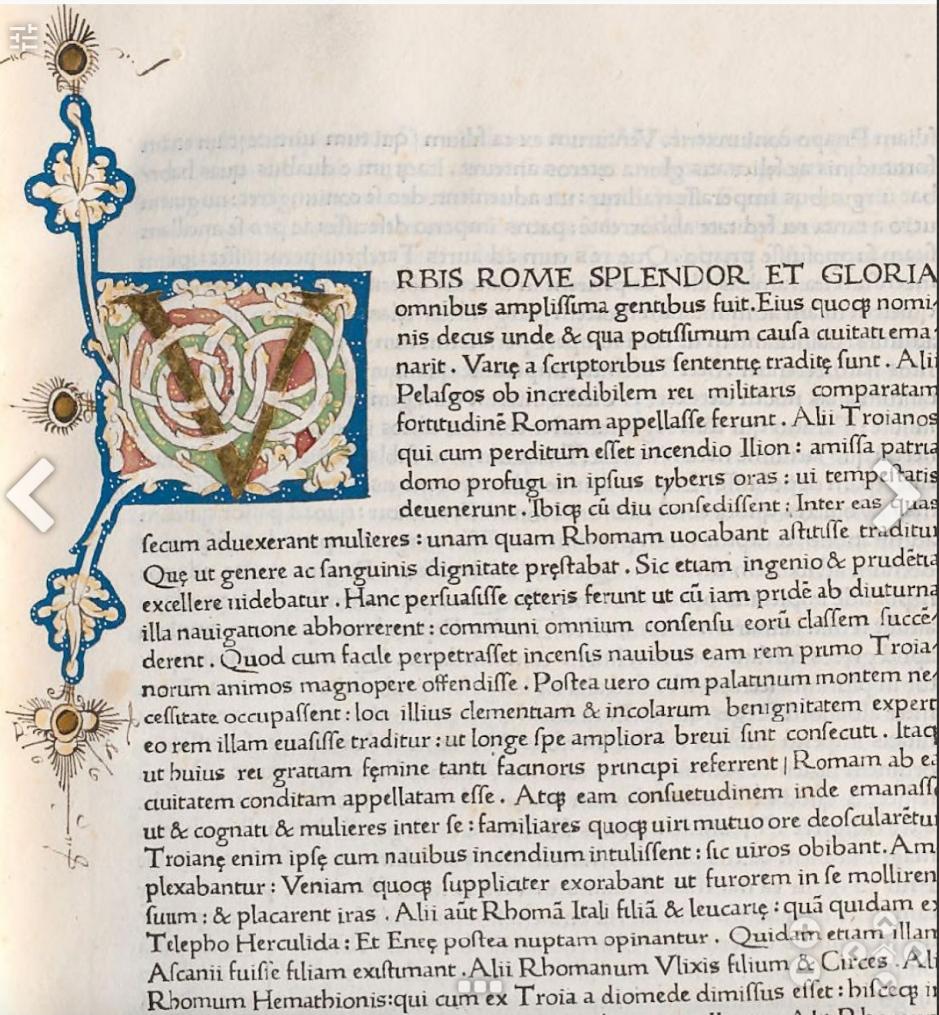
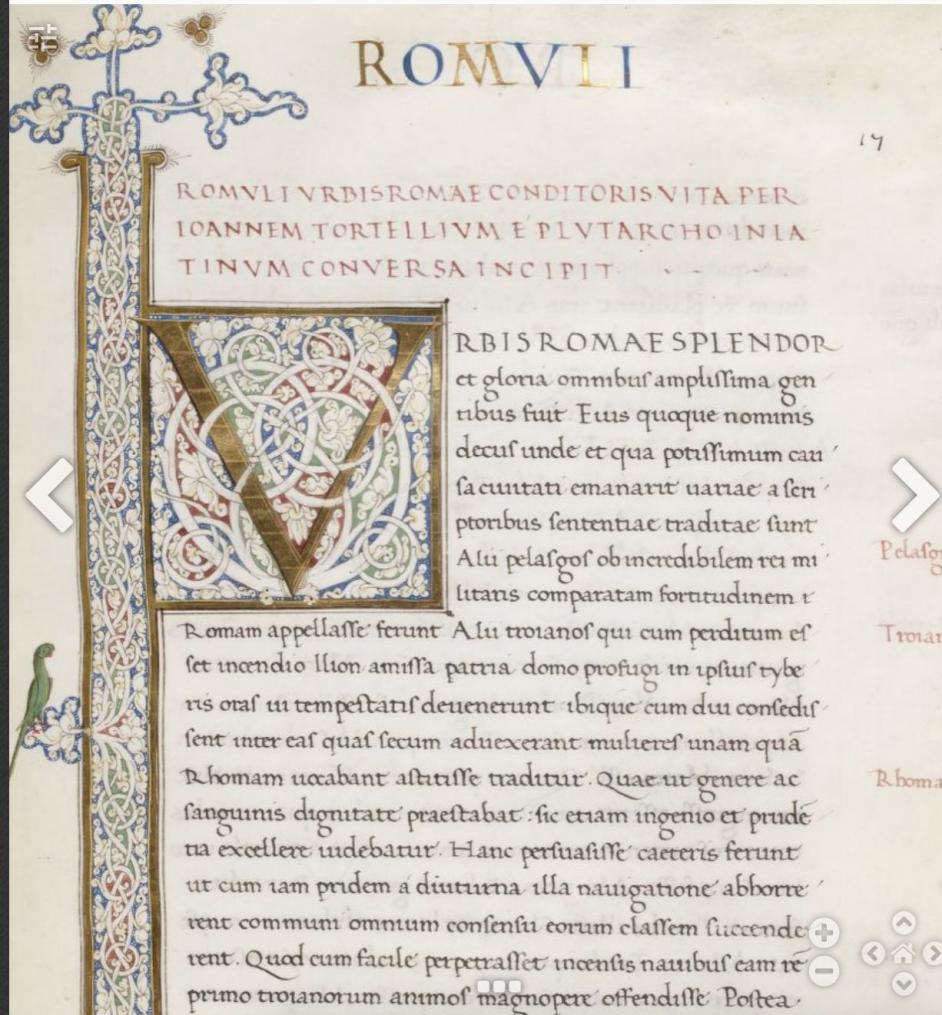
# Animaux et créatures fabuleux ou littéraires

Other Forms : .animaux et créatures fabuleux ou littéraires

Broader concepts : Litterature et fiction

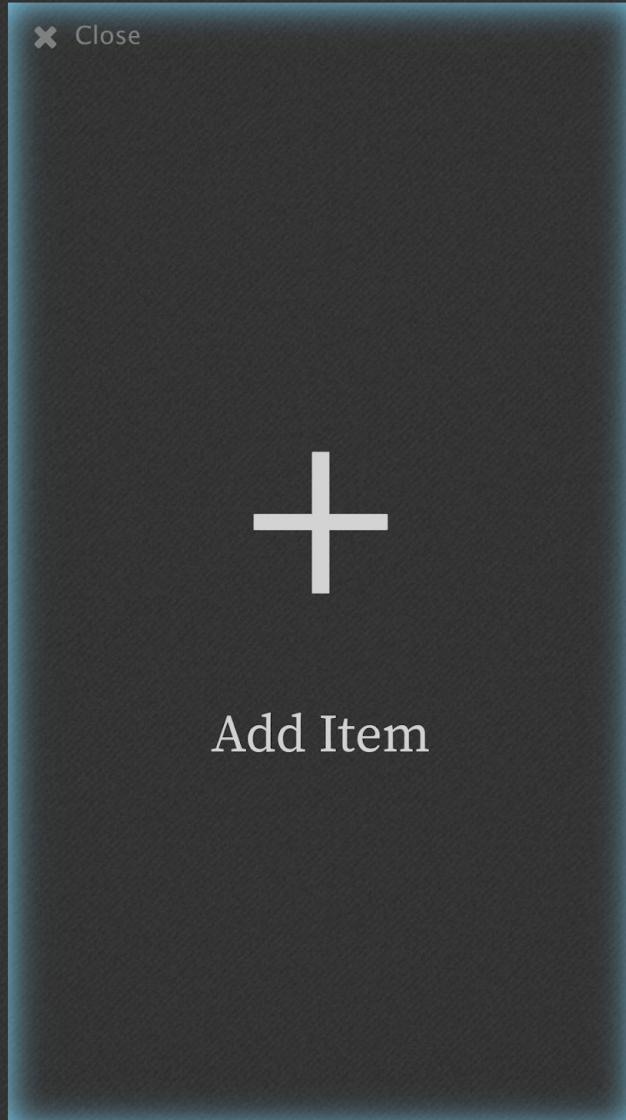
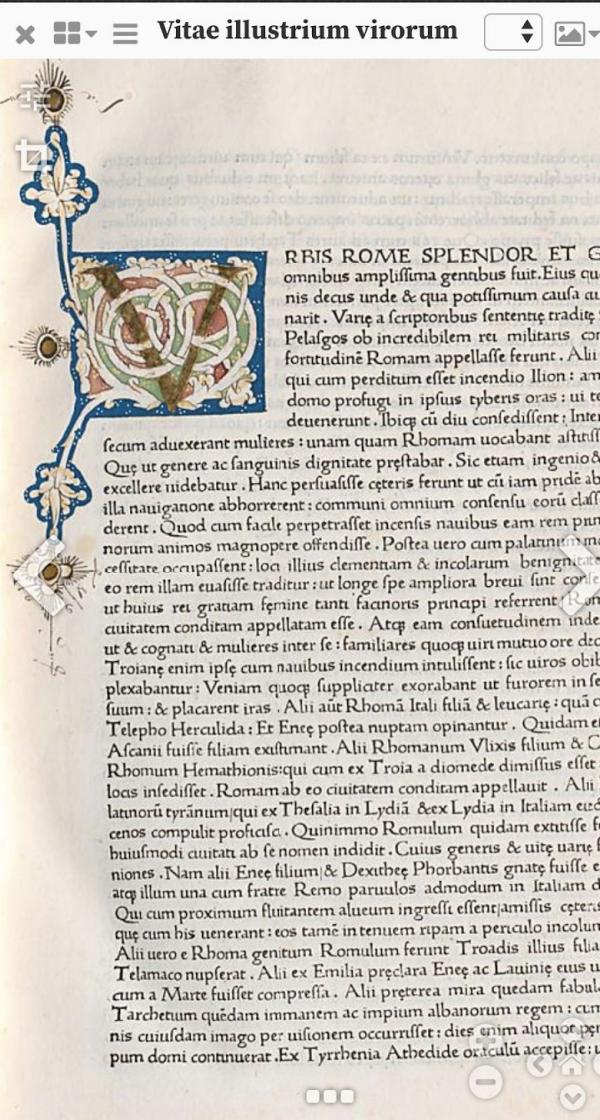
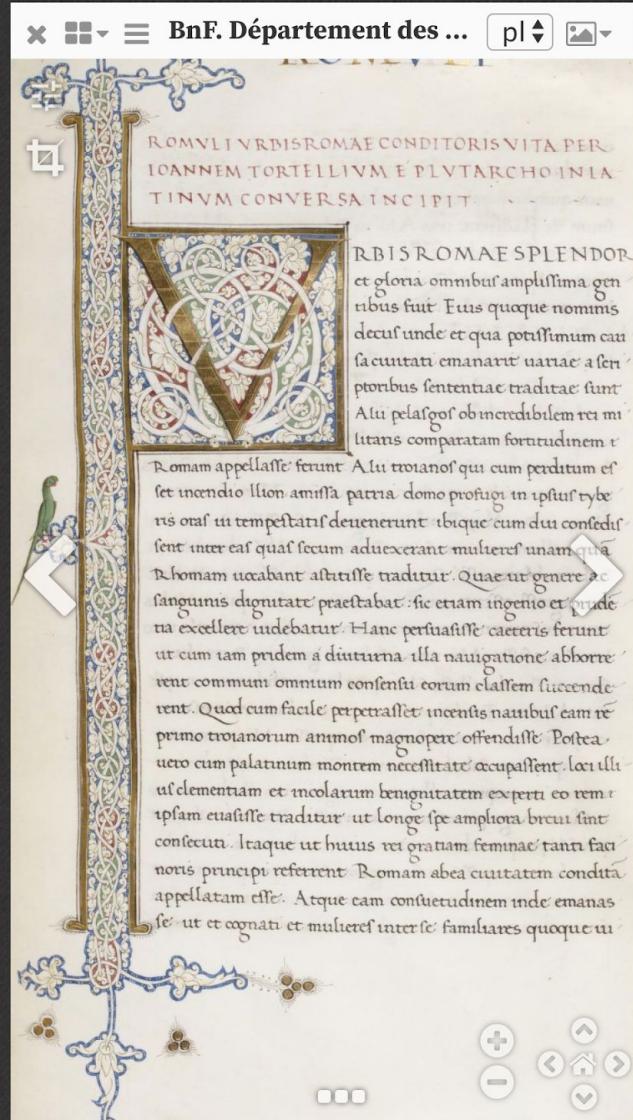
Associated descriptors :	Aigle Bicéphale Akvân Alcyon al-Malik al-Abyaz al-Malik al-Ahmar al-Malik al-Aswad al-Malik al-Muzahhab Alshaq Amphisbène Ardentdésir Arjang Arundel Arwé Aselaphas Barbue Basilic Baucent Behémoth Bête Glatissant	Farhang Farîsah Fauvain Fauve Fauvel Fées Femme sauvage Fille Fleur Fîrûz al-Arnab Fortin Francvouloir Géants (mythologie) Ghadâd Ghazâla Bânû Ghûl Goëmagog (personnage littéraire) Griffons (créatures fabuleuses) Günâl	Kûzdakard Laniste Laustic Léviathan Licornes Lionceau (personnage littéraire) Loups-garous Lucifer Mahtâl Mahtâl Dîv Malebranche Mandragores Mantichore Marchegai Martin Maymun Mélusine (personnage fictif)	Robins Roi Démon Roi des singes Rok Roonel Rousseau Ruh Sadhar Salsâ'il Sanâdjâ Sansonnes Saqlâb Dîv Satan Sathanas Serpent rieur Serre Sha'har Shahbâl Shamûrash Nasrâni
--------------------------	---	---	--	---

Iconographic Thematic Category page (Mandragore)



## Mirador Workspace, in compare mode

Manuscript witness (BnF) and incunabula (BSG) of Plutarch's *Lives*



Mirador Workspace, in compare mode

Manuscript witness (BnF) and incunabula (BSG) of Plutarch's *Lives*

# Josse Bade (1461?-1535)

---



Autres graphies : Badius (1461?-1535)

Jodocus Ascensius (1461?-1535)

Jodocus Badius Ascensius (1461?-1535)

Josse Van Asche (1461?-1535)

Badius, Josse, 1462-1535 [editor]

Notes :

Imprimeur-libraire ; imprimeur de l'université (1507-1534). - Probablement né à Gand en 1461 ou 1462. Après des études à Gand et à Louvain, il séjourne et étudie en Italie et vient professeur à Valence, puis de 1492 à 1498 à Lyon, où il est correcteur d'imprimerie chez Jean Trechsel dont il épouse la belle-fille (H)ostelye Philippe. S'installe en 1499 à Paris, où il ouvre son atelier d'imprimerie en 1503. Humaniste et professeur de belles-lettres à l'université ; auteur de plusieurs ouvrages et éditeur intellectuel de plus de 110 textes. Publie aussi sous les raisons : "In aedibus Ascensionis" ou "In officina Ascensionis". Décédé à Paris en déc. 1535. Père de l'imprimeur-libraire Conrad Bade et beau-père des imprimeurs-libraires Robert I Estienne, Jean de Roigny, Michel de Vasconsan et Jacques I Du Puis (Source : [BnF](#))  
Dictionnaire des lettres françaises. Le XVIe siècle, 2001: Badius (Josse) (Source : [Biblissima](#))

## Interventions

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Annotateur :

- > [BAPTISTA MANTUANUS](#) : *Contra poetas impudice loquentes..* Leipzig (Saxe, Allemagne) Joannes Cubitensis, Jakob Thanner (14..-15..), 1499

Commentateur :

- > [SULPICIUS VERULANUS](#) (Johannes) : *Carmen de moribus puerorum* [Langue non renseignée].
- > [SULPICIUS VERULANUS](#) (Johannes) : *De Arte grammatica* [Langue non renseignée].
- > [SULPICIUS VERULANUS](#) (Johannes) : *De Componendis et ornandis epistolis* [Langue non renseignée].
- > [SULPICIUS VERULANUS](#) (Johannes) : *De Syllabarum quantitate epitome* [Langue non renseignée].
- > [SULPICIUS VERULANUS](#) (Johannes) : *Interpretatio vocum quæ in toto opere continentur* [Langue non renseignée].
- > [SULPICIUS VERULANUS](#) (Johannes) : *[Opus grammaticum :]* [Langue non renseignée].

Editeur scientifique :

- > [AUGUSTINUS](#), S.: *Opus quaestionum..* Lyon (Rhône, France) Josse Bade (1461?-1535), Jean Trechsel (14..-1498), Augustinus de Ratisbona (14.. -1517), vij. kaleč. Maias [25 IV] 1497
- > [BAPTISTA MANTUANUS](#) : *Contra poetas impudice loquentes..* Paris (France) Pierre Gaudoul (libraire, 14..-15..), Josse Bade (1461?-1535), circa 1510
- > [BAPTISTA MANTUANUS](#) : *Parthenice [secunda, sive] Catharinaria..* Paris (France) Denis Roce (libraire, 14..-15..), Josse Bade (1461?-1535), Jean Barbier (14..-1515?), circa 1507
- > [BEROALDUS](#) (Philippus) : *Orationes et poemata.* [BEROALDUS](#) (Philippus) : *Orationes et poemata.* Lyon (Rhône, France) Josse Bade (1461?-1535), Jean Trechsel (14..-1498), 1492

# AEMILIUS (Paulus) : De Rebus gestis Francorum.. Paris (France) Josse Bade (1461?-1535), circa 1518

---

Œuvre associée : [Paolo Emili \(1460-1529\) : De rebus gestis Francorum](#)

Date d'édition : circa 1518

Lieu d'édition : Paris (France)

CRI : vol. 6-30

N° CRII : 235

N° GW : I Sp.127a

N° ISTC : ia00096700

## Textes de l'édition

---

Source des données : [CRII](#)

[Paolo Emili \(1460-1529\) : De rebus gestis Francorum \[latin\].](#)

> Œuvre associée : [Paolo Emili \(1460-1529\) : De rebus gestis Francorum](#)

> Auteur du texte : [Paolo Emili \(1460-1529\)](#)

## Intervenant

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> Imprimeur-libraire : [Josse Bade \(1461?-1535\)](#)

## Exemplaires

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> France, Paris, Bibliothèque Mazarine, Inc 1138

> France, Paris, Bibliothèque Mazarine, Inc D 1138



# How to build this?

---



# What do we need?

---

- Standardized way to request and display digital objects
- Consistent data model and common exchange format
- Normalized data based on authority files



# What do we need?

---

- Standardized way to request and display digital objects
- Consistent data model and common exchange format
- Normalized data based on authority files



# International Image Interoperability Framework

[iiif.io](https://iiif.io)



# IIIIF?

---

A **community**,

... that develops **Shared APIs**,

... implements them in **Software**,

... and exposes interoperable digital **Content**



# IIIF Vision

---

Create a global framework by which image-based resources

... can be delivered in a standard way from any  
participating institution

... via any compatible image server

... for display, manipulation and annotation in any  
application,

... to any user on the Web.



# IIIF Community





# IIIF Community

## Museums

British Museum  
National Gallery of Art  
Smithsonian Institution  
The J. Paul Getty Trust  
The Walters Art Museum  
Yale Center for British Art  
*Et al.*

## Aggregators / portals

ARTstor  
Biblissima  
CONTENTdm  
DPLA  
Europeana  
Internet Archive  
Wikimedia Foundation

## National Libraries

Austria  
Bavaria  
British Library  
Cuba  
Denmark  
Egypt  
France  
Israël  
Czech Republic  
New Zealand  
Norway  
Poland  
Scotland  
Serbia  
Wales  
Vatican  
Qatar  
USA (LoC)

## Universities/Research

Cambridge  
Cornell  
Ghent  
Göttingen  
Harvard  
Leiden  
MIT  
Oxford  
Princeton  
Stanford  
Edinburgh  
Tokyo  
Toronto  
UCLA  
Wellcome Trust  
Yale

And many more...



# Biblissima's commitment to IIIF

---

- actively involved in the IIIF initiative since 2013
- first French-speaking IIIF outreach event (Paris, March 15th, 2018, Campus Condorcet)
- demos and implementations into the portal
- technical advisor for the 3 digital libraries in the initial scope of Biblissima, and beyond...
- IIIF360

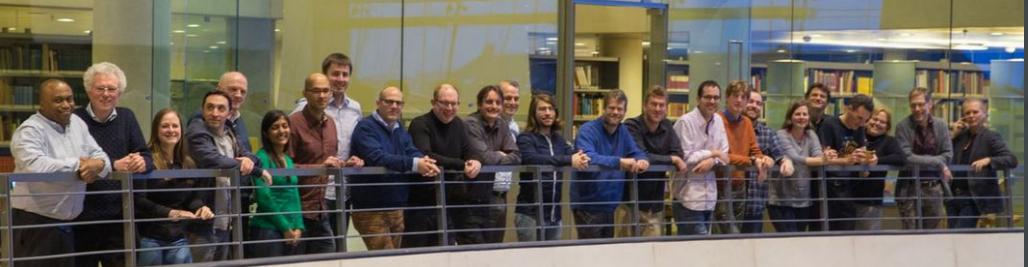


# Biblissima-BnF Viewer Interoperability Meetings (May 13-17th, 2013)

[frama.link/iiif-paris-2013](https://frama.link/iiif-paris-2013)



Biblissima and IIIF Day: *Innovating to Rediscover the Written Cultural Heritage*  
(Campus Condorcet - March 15th, 2018)  
[frama.link/biblissima-iiif-day](https://frama.link/biblissima-iiif-day)



... and more meetings abroad : [iiif.io/event](http://iiif.io/event)

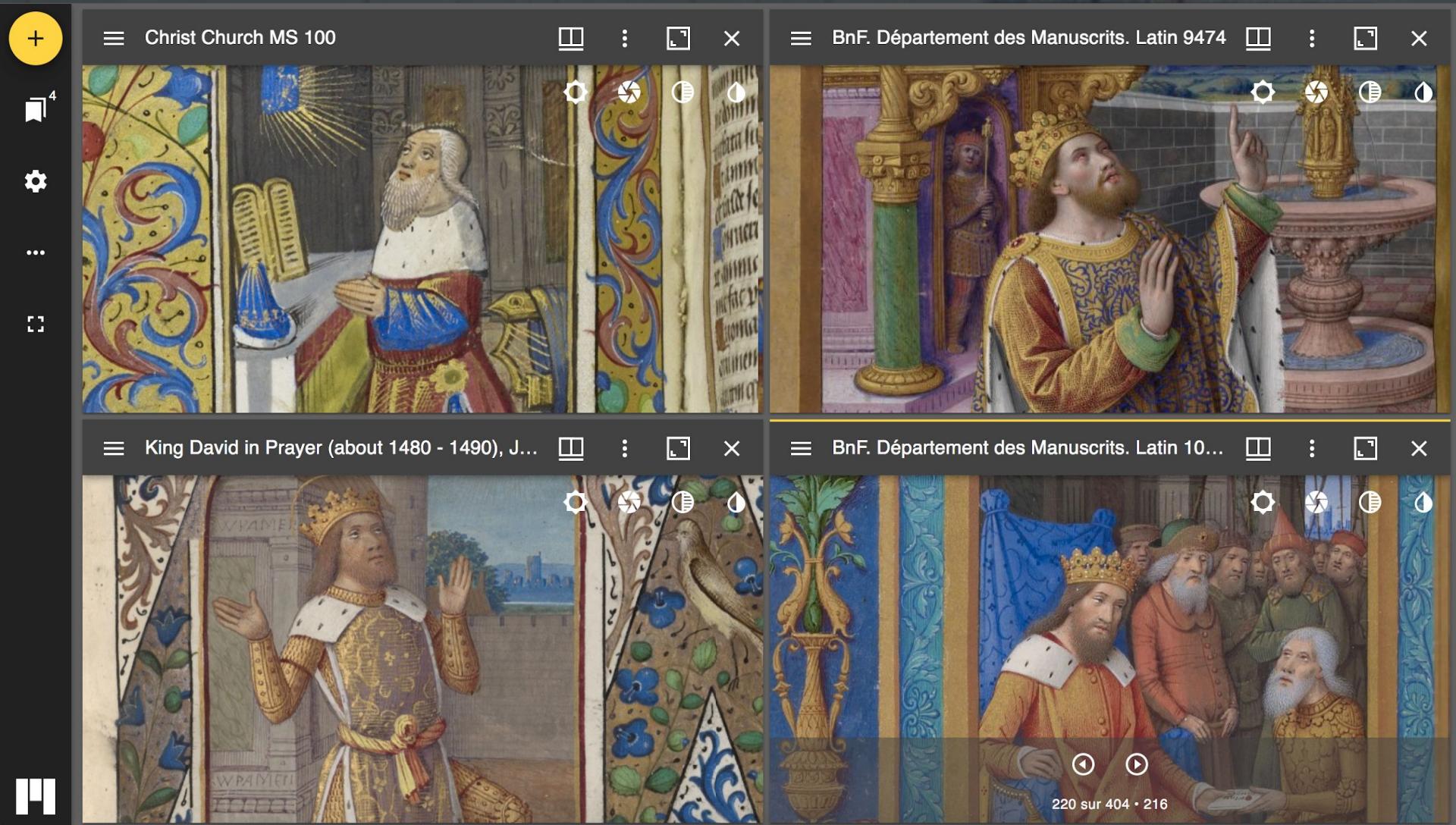
## → Expertise service around IIIF standards:

- ◆ launched in November 2018
- ◆ co-operated by Biblissima, Campus Condorcet, Huma-Num
- ◆ offers consulting, hosting and development services
- ◆ aimed at higher education/research and cultural heritage institutions



# IIIF implementations

- Demos on specialized use cases (2013-2016) :  
[demos.biblissima.fr](http://demos.biblissima.fr)
- Biblissima image repositories :  
[doc.biblissima.fr/entrepots-iiif-biblissima](http://doc.biblissima.fr/entrepots-iiif-biblissima)
- Biblissima Portal : [portail.biblissima.fr](http://portail.biblissima.fr)
- Prototype IIIF Collections : [iiif.biblissima.fr/collections](http://iiif.biblissima.fr/collections)



Mirador 3 demo (Stanford University)

[demos.biblissima.fr/mirador3](https://demos.biblissima.fr/mirador3)

## VIII, f. 83v Comment Theseus détruit le monstre Myntaurus par l'aide de Adriane, fille du roy Mynos



Personnages :

Ariane

Minotaure

Thésée

Compare the iconographic cycles of two incunabula  
(Biblissima demo: *Ovide moralisé ou La Bible des poètes en images*)

[frama.link/ovid-iiif](https://frama.link/ovid-iiif)

x VELINS-559

En celle maison nommee labyrinthe fust  
le roy mynos le monstre enserrer.

Comment  
theseus  
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mynos.



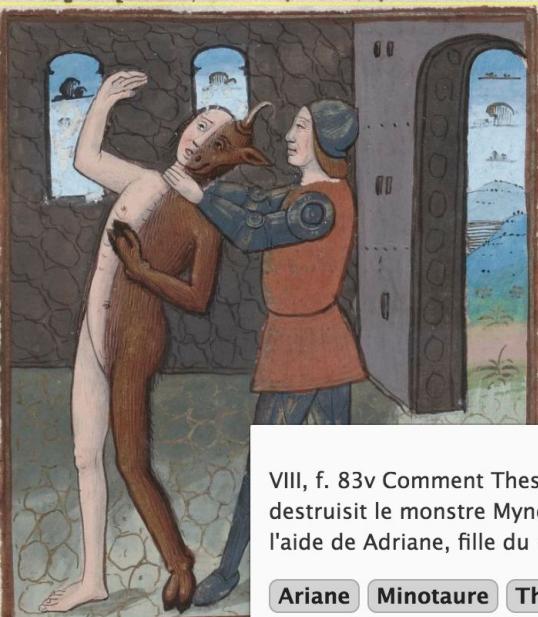
Oye auiez la puerie De pasiphe et  
Du monstre que mynos fust en  
clorre et de l'occision son filz cō  
ment il sendeng a si asprement qu'en cō

x VELINS-560

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et Dam  
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leur laqu  
nee puis  
ceste ins  
onques

Comment  
theseus  
destruisit  
le monstre  
myno  
taurus  
par laide  
de adri  
ane fille  
du roy  
mynos

En celle maison nommee labyrinthe fust  
le roy mynos le monstre enserrer.



VIII, f. 83v Comment Theseus  
destruisit le monstre Myntaurus par  
l'aide de Adriane, fille du roy Mynos

Ariane Minotaure Thésée

Oye auiez la puerie De pasiphe et  
Du monstre que mynos fust en  
clorre et de l'occision son filz cō  
ment il sendeng a si asprement qu'en cō

Annotation in Mirador:  
region of the image + transcription of the caption + indexing of the  
deities or characters (as oa:Tag)

[frama.link/ovid-iiif](https://frama.link/ovid-iiif)

# Démos Biblissima

Ce site est dédié à la mise en ligne de démos autour de l'interopérabilité des données de Biblissima (images et métadonnées). Elles sont proposées par le Pool Biblissima à titre d'expérimentation et sont le reflet d'un travail en cours.



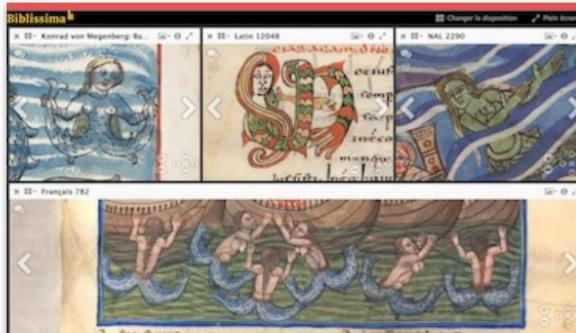
## Bibliothèque de Florus

Projet de reconstitution virtuelle de la bibliothèque de Florus de Lyon



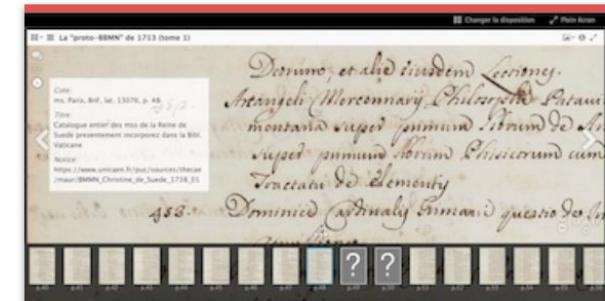
## Ovide moralisé ou La Bible des poètes en images

Comparaison de deux cycles iconographiques avec IIIF et Mirador



## Visualiseur Mirador

Visualiseur d'images interopérable et compatible avec les standards IIIF



## La proto-BBMN de 1713 reconstituée

Reconstitution virtuelle de la « *Bibliotheca bibliothecarum manuscriptorum nova* » dans son état primitif de 1713



## Grandes Chroniques de France - Châteauroux BM ms. 5

Démos autour de la reconstitution virtuelle du manuscrit 5 de Châteauroux

More demos...

[frama.link/biblissima-demos](https://frama.link/biblissima-demos)

# 3 interoperable digital libraries

BVMM

Gallica

B  
V  
H



**Biblissima portal**  
(Mirador viewer)



# The use of IIIF in the Biblissima portal

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- About 20,000 books viewable on the portal via IIIF (January 2019)
- 13 IIIF sources :
  - ◆ Gallica-BnF, BSB, Library of Congress, Archive.org, Universität Heidelberg, e-codices, Biblioteca Apostolica Vaticana, Bodleian Libraries, Wellcome Library, Numistrat, WDL, BVMM, Harvard University

More info: [portail.biblissima.fr/fr/info-iiif](http://portail.biblissima.fr/fr/info-iiif)

# IIIF Collections - Manuscripts & Rare Books

---



- search and discovery prototype for interoperable manuscripts and rare books (prior to 1800 only)
- aggregates from 12 IIIF-compliant digital libraries  
~72,000 documents:

- ◆ Gallica
- ◆ Digital.Bodleian
- ◆ BVMM
- ◆ e-codices
- ◆ Europeana Regia,
- ◆ British Library (Polonsky project)
- ◆ Parker Library On the Web
- ◆ Bibliothèque Mazarine
- ◆ Ghent University
- ◆ Cambridge University
- ◆ Durham University and Cathedral Library
- ◆ BIS Sorbonne

# Search for interoperable digitized manuscripts and rare books...

This prototype application allows you to search across IIIF-compliant manuscripts and rare books dated before 1800 coming from many digital libraries in the world. It is a work in progress, the platform will be updated and enriched on a regular basis. [Read more...](#)

## Browse collections

### {BnF} Gallica

Bibliothèque nationale de France (Gallica)

44203 manifests

Digitized manuscripts from Gallica, the digital library of the National Library of France (BnF)

[See collection](#)

Bodleian Libraries  
UNIVERSITY OF OXFORD

### Digital.Bodleian

5838 manifests

Bodleian Libraries' digital collections (Oxford)

[See collection](#)

### BVMM

### BVMM

3918 manifests

Digital library of medieval manuscripts (IRHT-CNRS)

[See collection](#)

Biblissima IIIF Collections : [iiif.biblissima.fr/collections](http://iiif.biblissima.fr/collections)

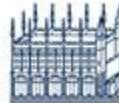
## {BnF Gallica

Bibliothèque nationale de France (Gallica)

44203 manifests

Digitized manuscripts from Gallica, the digital library of the National Library of France (BnF)

[See collection](#)



Bodleian Libraries  
UNIVERSITY OF OXFORD

Digital.Bodleian

5838 manifests

Bodleian Libraries' digital collections (Oxford)

[See collection](#)



e-codices

2059 manifests

Virtual Manuscript Library of Switzerland

[See collection](#)

## BVMM

BVMM

3918 manifests

Digital library of medieval manuscripts (IRHT-CNRS)

[See collection](#)



Europeana Regia

1288 manifests

Manuscripts from Europeana Regia project

[See collection](#)



The British Library, Polonsky Pre-1200 Project

405 manifests

The Polonsky Foundation England and France Project (700-1200): Manuscripts from the British Library

[See collection](#)

[iiif.biblissima.fr/collections](https://iiif.biblissima.fr/collections)

[Remove all filters](#)

Query: cicero

## Collection

Filter Collection ...



- |  |    |
|--|----|
| Digital.Bodleian                               | 62 |
| Bibliothèque nationale de France (Gallica)     | 49 |
| e-codices                                      | 22 |
| The British Library, Polonsky Pre-1200 Project | 13 |
| BVMM   | 11 |
| Europeana Regia                                | 11 |
| Arsenal Library (Gallica)                      | 2  |

## Library

Filter Library ...



- |   |    |
|---|----|
| Oxford. Bodleian Library  | 62 |
| Paris. Bibliothèque nationale de France, Département des manuscrits | 58 |
| London. British Library   | 13 |
| St. Gallen. Stiftsbibliothek  | 10 |
| Cologny. Fondation Martin Bodmer                                    | 6  |
| Avranches. Bibliothèque municipale Edouard Le Héritier              | 3  |

170 results

1

2

3

4

...

Next &gt;



Cologny. Fondation Martin Bodmer, Cod. Bodmer 51



## Collection

e-codices

## Library

Cologny. Fondation Martin Bodmer

## Date

15th century

## Language

Latin

[View entry](#)

◦ CICERO

◦ Cicero, Orationes



Tours. Bibliothèque municipale, 688



## Collection

BVMM

## Library

Tours. Bibliothèque municipale

## Date

12e s.-13e s.

BVMM

[View entry](#)

◦ CICERO

[iiif.biblissima.fr/collections](http://iiif.biblissima.fr/collections)

# Cologny. Fondation Martin Bodmer, Cod. Bodmer 51

[Go to viewer >](#)

**Source** e-codices

**Library** Cologny. Fondation Martin Bodmer

**Shelfmark** Cod. Bodmer 51

**Date** 15th century

**Language** Latin

**Title** Cicero, Orationes

**Agent** **Preferred form** Martin Bodmer (1899-1971)

**Role** Former owner

**Original form** Former possessor: Bodmer, Martin

**Other form** Martin Bodmer

**Biblissima portal** <https://biblissima.fr/en/ark:/43093/pdata9561cf4aace1c0fd9f4bda50ced9847b6f6cf3ab>

**Preferred form** Celotti, Luigi

**Role** Former owner

Links to the Biblissima portal for different entities (books, agents, places)



More info on IIIF (in French):  
[iiif.biblissima.fr](http://iiif.biblissima.fr)



# What do we need?

---

- Standardized way to request and display digital objects
- Consistent data model and common exchange format
- Normalized data based on authority files

# Data modeling, mappings, transformations

---

- Background work on an ontology based on CIDOC-CRM and FRBRoo (2013-2016)
- In-house XML format ("pivot") to get the data from the different partners
  - ◆ define custom mappings for each data source
- Data model of the web application behind the portal (*Cubicweb* framework)

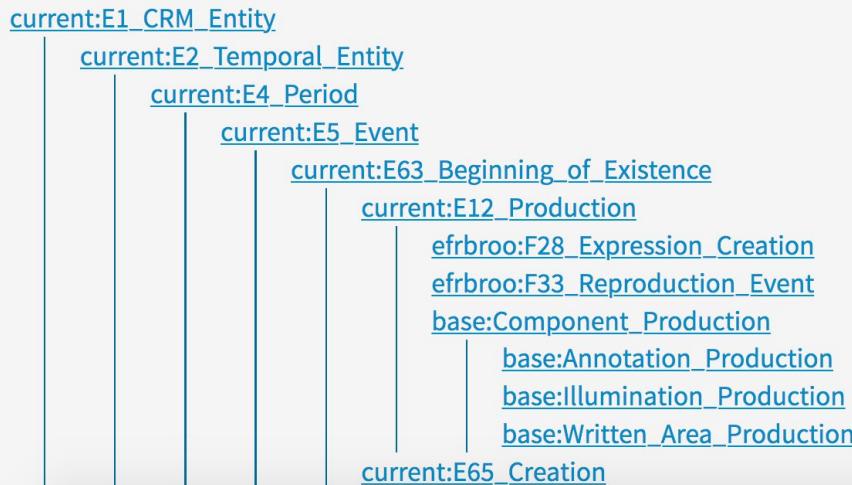
# Data modeling, mappings, transformations

---

- Background work on an ontology based on CIDOC-CRM and FRBRoo (2013-2016)
- In-house XML format ("pivot") to get the data from the different partners
  - ◆ define custom mappings for each data source
- Data model of the web application behind the portal (*Cubicweb* framework)

## Classes

[owl:Thing](#)

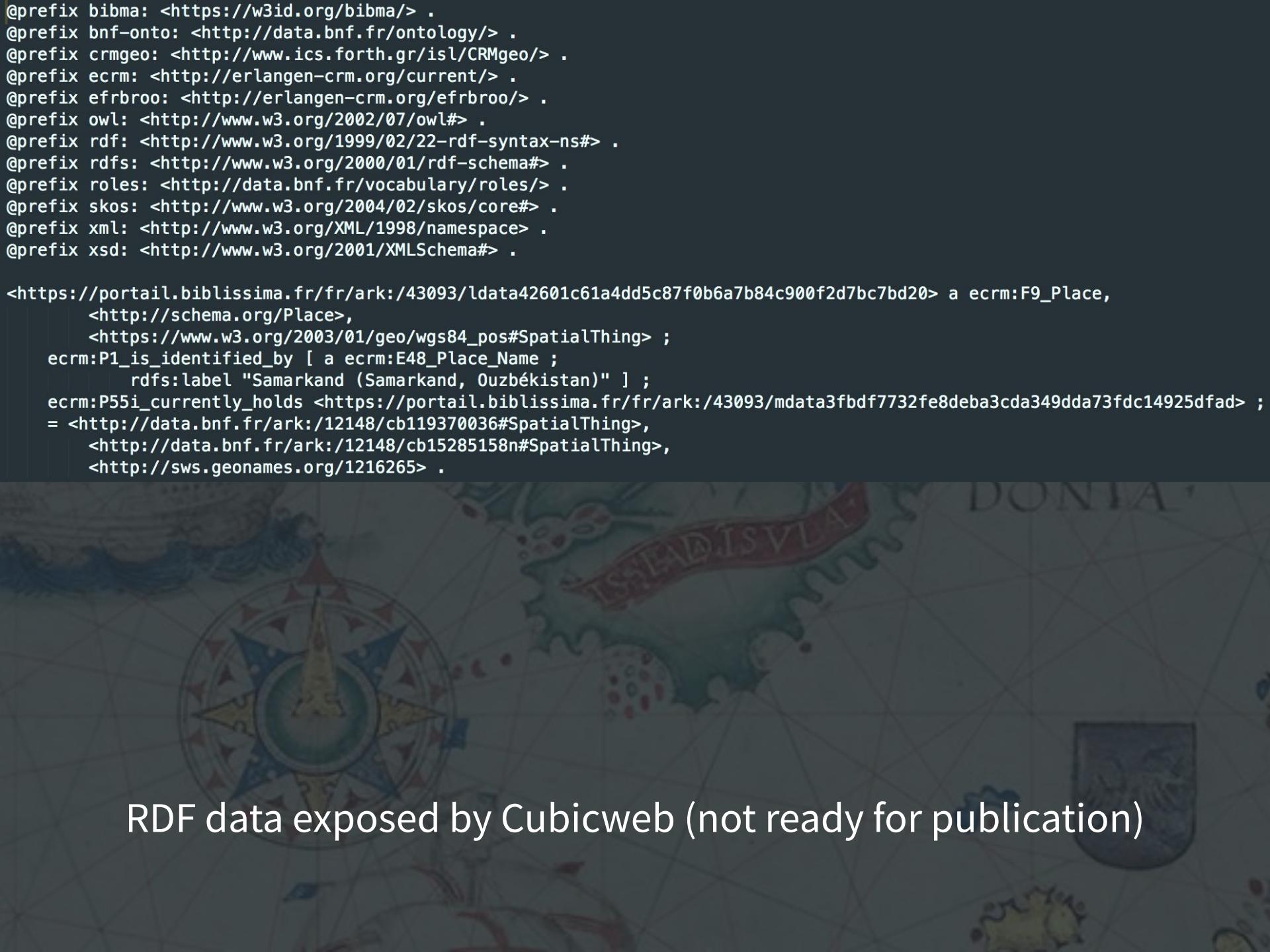


Draft version of the OWL ontology (2016):

[doc.biblissima.fr/ontologie/bibma/](http://doc.biblissima.fr/ontologie/bibma/)

```
@prefix bibma: <https://w3id.org/bibma/> .
@prefix bnf-onto: <http://data.bnf.fr/ontology/> .
@prefix crmgeo: <http://www.ics.forth.gr/isl/CRMgeo/> .
@prefix ecrm: <http://erlangen-crm.org/current/> .
@prefix efrbroo: <http://erlangen-crm.org/efrbroo/> .
@prefix owl: <http://www.w3.org/2002/07/owl#> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix roles: <http://data.bnf.fr/vocabulary/roles/> .
@prefix skos: <http://www.w3.org/2004/02/skos/core#> .
@prefix xml: <http://www.w3.org/XML/1998/namespace> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .

<https://portail.biblissima.fr/fr/ark:/43093/lidata42601c61a4dd5c87f0b6a7b84c900f2d7bc7bd20> a ecrm:F9_Place,
  <http://schema.org/Place>,
  <https://www.w3.org/2003/01/geo/wgs84_pos#SpatialThing> ;
  ecrm:P1_is_identified_by [ a ecrm:E48_Place_Name ;
    rdfs:label "Samarkand (Samarkand, Ouzbékistan)" ] ;
  ecrm:P55i_currently_holds <https://portail.biblissima.fr/fr/ark:/43093/mdata3fbdf7732fe8deba3cda349dda73fdc14925dfad> ;
  = <http://data.bnf.fr/ark:/12148/cb119370036#SpatialThing>,
  <http://data.bnf.fr/ark:/12148/cb15285158n#SpatialThing>,
  <http://sws.geonames.org/1216265> .
```



RDF data exposed by Cubicweb (not ready for publication)

# Data modeling, mappings, transformations

---

- Background work on an ontology based on CIDOC-CRM and FRBRoo (2013-2016)
- In-house XML format ("pivot") to get the data from the different partners
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- Data model of the web application behind the portal (*Cubicweb* framework)

```
1  <!ELEMENT ScriptDesc (#PCDATA)>
2  <!ELEMENT Ruling (#PCDATA)>
3  <!ELEMENT DecoDesc (#PCDATA)>
4  <!ELEMENT Stamp (#PCDATA)>
5  <!ELEMENT CodicoDesc (#PCDATA)>
6  <!ELEMENT BindingDesc (#PCDATA)>
7  <!ELEMENT Note_Bbma (#PCDATA)>
8  <!ELEMENT HasFeature (#PCDATA | FeatureType | Page | DigitalSurrogate | Thumbnail | Canvas | Descriptor | Caption | Rubric | In:
9  <!ATTLIST HasFeature id CDATA #IMPLIED>
10 <!ELEMENT Subidentifier (#PCDATA)>
11 <!ELEMENT Explicit (#PCDATA)>
12 <!ATTLIST Explicit lang CDATA #IMPLIED>
13 <!ELEMENT Page (#PCDATA)>
14 <!ATTLIST Page unit CDATA #IMPLIED>
15 <!ELEMENT Gender (#PCDATA)>
16 <!ATTLIST Gender uri CDATA #IMPLIED>
17 <!ELEMENT Thumbnail (#PCDATA)>
18 <!ELEMENT SalesNumber (#PCDATA)>
19 <!ATTLIST SalesNumber invID CDATA #IMPLIED>
20 <!ELEMENT DigitalSurrogate (#PCDATA)>
21 <!ATTLIST DigitalSurrogate type CDATA #IMPLIED>
22 <!ELEMENT Name (#PCDATA)>
23 <!ATTLIST Name lang CDATA #IMPLIED>
24 <!ELEMENT Identifier (#PCDATA | Idno | Subidentifier | Volume)*>
25 <!ATTLIST Identifier type (canonical | dummy_shelfmark) CDATA #IMPLIED>
26 <!ATTLIST Identifier source CDATA #IMPLIED>
27 <!ATTLIST Identifier uri CDATA #IMPLIED>
```

In-house XML "pivot" format:

DTD XML ([Github](#))

Sommaire

Filtre de nom d'élément

- ▶ ● Book "1063" manuscrit
- ▶ ● Book "1064" manuscrit
- ▶ ● Book "1065" manuscrit
- ▶ ● Book "1066" manuscrit
- ▶ ● Book "1067" manuscrit
- ▶ ● Book "1068" manuscrit
- ▶ ● Book "1069" manuscrit
- ▶ ● Book "1070" manuscrit
- ▶ ● Book "1071" manuscrit
- ▶ ● Book "1072" manuscrit
- ▶ ● Book "1073" manuscrit
- ▶ ● Book "1074" manuscrit
- ▶ ● Book "1075" manuscrit
- ▶ ● Book "1076" manuscrit
- ▶ ● Book "1077" manuscrit
- ▶ ● Work "2" Experimenta
- ▶ ● Work "3" Signa distinctiva Egidii
- ▶ ● Work "4" De pulsibus
- ▶ ● Work "6" Hierapigra ad purgand
- ▶ ● Work "7" Versus de urinis
- ▶ ● Work "10" Questiones
- ▶ ● Work "11" De secretis mulierum
- ▶ ● Work "12" De cautelis medicorum
- ▶ ● Work "13" Comm. Avicenna, Can
- ▶ ● Work "14" Chirurgia
- ▶ ● Work "15" Herbarium
- ▶ ● Work "16" Liber servitoris
- ▶ ● Work "17" De balneis
- ▶ ● Work "18" Liber medicine in pra
- ▶ ● Work "19" Collectiones medicine
- ▶ ● Work "20" Practica
- ▶ ● Work "21" De cibis et medicinis :
- ▶ ● Work "22" Liber Regalis, II

manmed\_20190603.xml\* x

```
<?xml version="1.0" encoding="UTF-8"?>
<RecordList>
    <DataBase uri="http://www.manuscripta-medica.com">Manuscripta Medica</DataBase>
    <Book id="1" state="preserved">
        <ObjectType>manuscript</ObjectType>
        <Shelfmark id_bbma="dbbeb8d42f6ece9ca0640fbec0d562c8f6872499">
            <Organisation id="1" id_bbma="e0659fc5d278f341884d0c3886f2c07afb434c96">Paris. Bibliothèque nationale de France, Département des manuscrits</Organisation>
            <Identifier>
                <Idno>BnF lat. 10233</Idno>
            </Identifier>
            <Identifier type="canonical">Latin 10233</Identifier>
        </Shelfmark>
        <HasPart id="1432">
            <PartType>textual unit</PartType>
            <Pages unit="f">273r</Pages>
            <Text id="1432">
                <Language>lat</Language>
                <Title/>
                <AssociatedWork id="1360" root="http://www.manuscripta-medica.com/database/?lg=fr&u=oeuvre&id=1360" id_bbma="347e5b48bfb7ba0e4dc26c50297d57d816f2a43d">
                    <Title lang="lat">Recepte varie</Title>
                    <Title_Bbma>Receptae variae</Title_Bbma>
                </AssociatedWork>
                <Record id="1" root="http://www.manuscripta-medica.com/database/?lg=fr&u=texte&id=1432">http://www.manuscripta-medica.com/database/?lg=fr&u=auteur&id=272</Record>
                <Participant id="272" root="http://www.manuscripta-medica.com/database/?lg=fr&u=auteur&id=272" role="r70" id_bbma="e030f8dbc2900eeec408e5f8758c0d822eab865">
                    <Name lang="lat">Anonyme</Name>
                    <Name_Bbma>Anonyme</Name_Bbma>
                </Participant>
            </Text>
        </HasPart>
    </Book>
```

Texte Grille Auteur

# In-house XML "pivot" format: “Manuscripta Medica (EPHE)” database export

# Data modeling, mappings, transformations

---

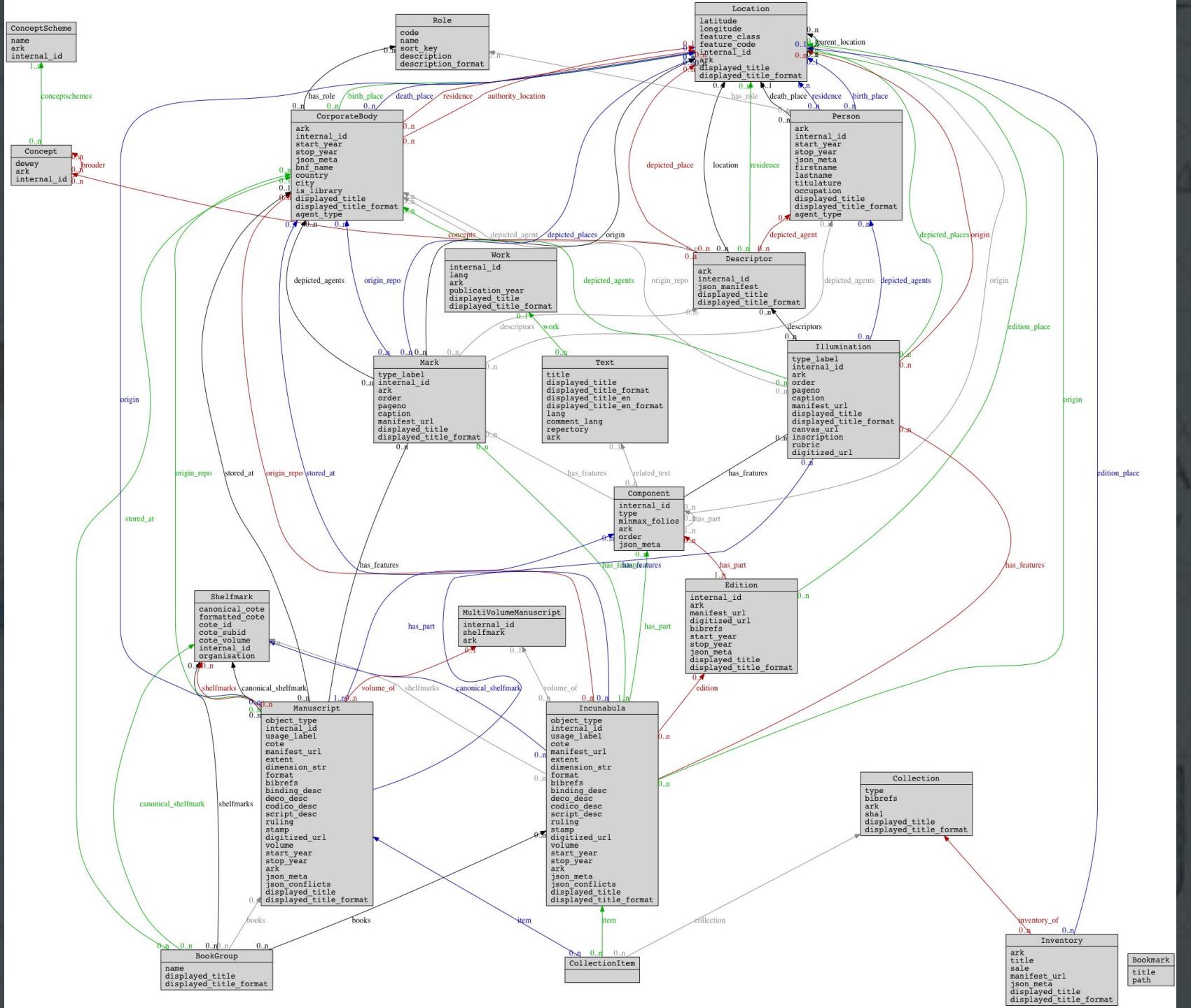
- Background work on an ontology based on CIDOC-CRM and FRBRoo (2013-2016)
- In-house XML format ("pivot") to get the data from the different partners
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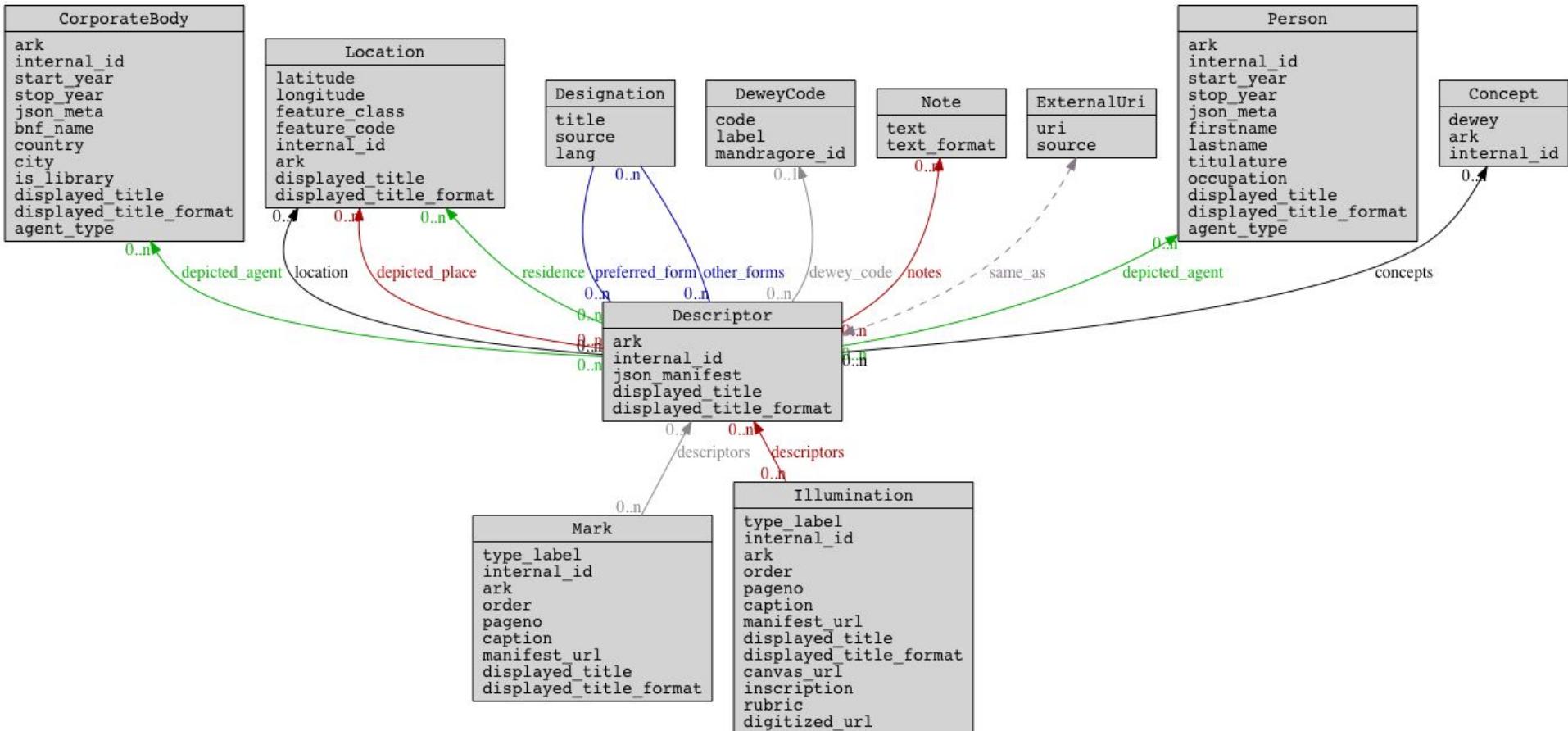
```
class DateInfo(EntityType):
    literal_date = String(required=True, maxsize=256)
    year = Int(indexed=True)
    century = Int(indexed=True)
    note = String()
    certainty = String(indexed=True, vocabulary=CERTAINTY_VOCAB)
    databases = SubjectRelation('Database')

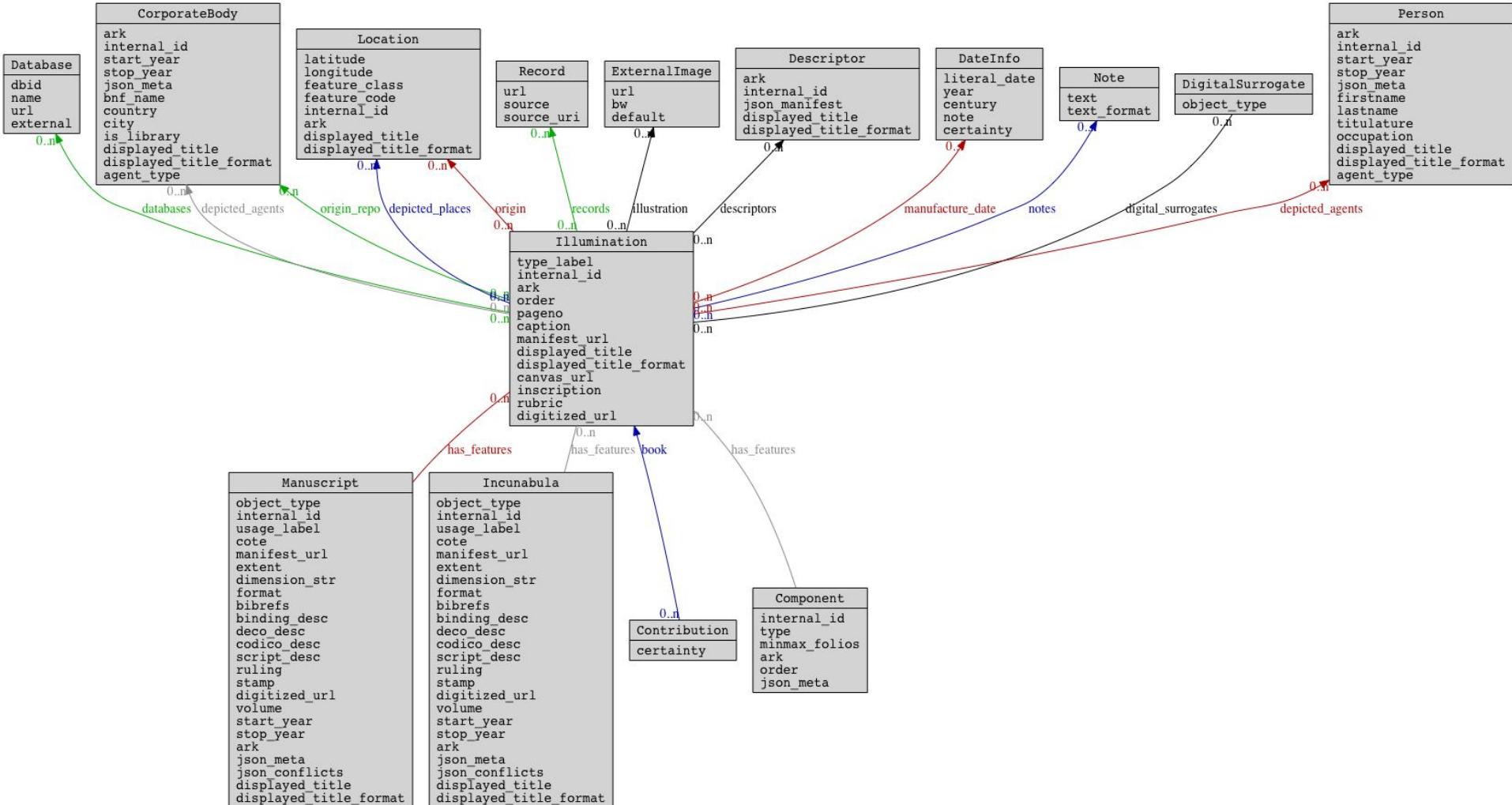
class Shelfmark(EntityType):
    canonical_cote = FTIString(maxsize=256, indexed=True)
    formatted_cote = FTIString(maxsize=256, indexed=True)
    cote_id = String(maxsize=256)
    cote_subid = String(maxsize=64)
    cote_volume = String(maxsize=64)
    databases = SubjectRelation('Database')
    internal_id = String(maxsize=64, indexed=True)
    organisation = FTIString()

class DigitalSurrogate(EntityType):
    object_uri = SubjectRelation('ExternalUri')
    object_type = String(indexed=True, vocabulary=(_, _('integral'),
                                                _('decor'), _('reliure')))

@indexed_dc_title
class _Book(EntityType):
    other_forms = SubjectRelation('Designation', composite='subject')
    databases = SubjectRelation('Database')
    object_type = String(indexed=True, vocabulary=(_, ('preserved'), _('identified'),
                                                _('attested'), _('dispersed')))
    internal_id = String(maxsize=128, indexed=True)
    usage_label = FTIString()
    stored_at = AttributeRelation('CorporateBody')
    shelfmarks = SubjectRelation('Shelfmark')
    canonical_shelfmark = AttributeRelation('Shelfmark', required=True)
    cote = FTIString(indexed=True)
    manifest_url = String(maxsize=512)
    digital_surrogates = SubjectRelation('DigitalSurrogate')
```









# What do we need?

---

- Standardized way to request and display digital objects
- Consistent data model and common exchange format
- Reconciled and normalized data based on authority files



# Data clustering and normalisation

---

- Disambiguate and merge entities
- Align to linked open authority files and datasets
- Mint unique and stable identifiers

# Istanbul (Istanbul, Turquie)



Lieu parent : Turquie

Autres graphies : Istanbul  
Augusta Antonina  
Byzance  
Constantinople  
Istamboul  
Konstantinièh  
Konstantinopel  
Konstantinoúpolis  
Nouvelle Rome  
Stamboul  
Istanbul  
constantinople  
constantinople/istanbul (turquie)  
Ισταμπούλ

Établissement de conservation : Istanbul. Musée du Palais Topkapi  
Istanbul. Collection

## See also

<http://sws.geonames.org/745044>

<http://www.wikidata.org/entity/Q16869>

<http://data.bnf.fr/ark:/12148/cb15312191g>

<http://data.bnf.fr/ark:/12148/cb11935433r>



## Rôle

Ancien possesseur (12)

Editeur commercial (10)

Auteur du texte (8)

Imprimeur (8)

Imprimeur-libraire (7)

Traducteur (2)

Autre intervenant (1)

Commentateur (1)

Copiste (1)

## Jean Martin (14..-1495)



Personnes

## Jean Martin (15..-1553?)



Personnes

## Jean Martin (procureur au Parlement, 15..?-15..?)



Personnes

## Jean Martin (seigneur de Choisy, 15..-15..)



Personnes



# Dante Alighieri (1265-1321) : La divina commedia

Autres graphies :

- Boska komedya
- dante, commedia
- Divina comedia
- Divina comèdia
- Divine comedie
- Divine comedy
- Göttliche Komödie
- Guddommelige komedie
- Gudomliga komedi
- La comédie
- La divine comédie

Auteur :

Dante Alighieri (1265-1321)

Langues :

italien

See also

<http://data.bnf.fr/ark:/12148/cb11952658b>



# Jacques de Voragine (1228?-1298)



Autres graphies :

Iacopo da Varàgine (1228?-1298)  
Iacopo da Varazze (1228?-1298)  
Jacobus a Varagine (1228?-1298)  
Jacobus de Voragine (1228?-1298)  
Jacopo da Varazze (1228?-1298)

Naissance : 1228

Mort : 1298

Notes : Dominicain. - Archevêque de Gênes, Italie (1292). - Béatifié (1816) (Source : [BnF](#))

Descripteur associé : Jacques de Voragine (1228?-1298)

[Voir les enluminures associées à Jacques de Voragine \(1228?-1298\)](#)

## See also

- <http://d-nb.info/gnd/118556401>
- <http://www.wikidata.org/entity/Q1678141>
- <http://id.loc.gov/authorities/names/n50082383>
- <http://www.wikidata.org/entity/Q41616506>
- <http://data.bnf.fr/ark:/12148/cb11908402k>



# Biblissima authority data

---

- Published gradually in 2019-2020 on an open and collaborative platform (Wikibase):  
[data.biblissima.fr](http://data.biblissima.fr)
- Types of entities:
  - ◆ personnes
  - ◆ collectivités (dont établissements de conservation)
  - ◆ lieux
  - ◆ cotes
  - ◆ oeuvres
  - ◆ descripteurs iconographiques



# Biblissima authority data

---

- Central hub to manage and share structured data:
  - ◆ comes from the metadata reconciled for the Biblissima Portal and the IIIF-Collections platform
  - ◆ wiki-based technology : collaboration, versioning...
  - ◆ assign stable identifiers (URIs), handle redirections of merged entities
  - ◆ user-friendly editing forms
  - ◆ natively structured as RDF, follow Linked Data principles
  - ◆ Web API + SPARQL endpoint, to enable sharing and reuse



# Biblissima authority data

- 
- ✓ Persons
  - ✓ Corporate bodies / Holding institutions
  - ✓ Places
  - ✓ Shelfmarks
  - Works
  - Iconographic Descriptors

*Publication in progress...*



# Biblissima authority data

---

- Current status:
  - ◆ 29 587 persons (729 families). Ex. [Item:Q9866](#)
  - ◆ 3761 organisations. Ex. [Item:Q81208](#)
  - ◆ 5681 geographical names. Ex. [Item:Q27525](#)
  - ◆ 74 193 shelfmarks (WIP, ~ 150 000) Ex. [Item:Q58639](#)
- Continous updates as we feed IIIF-Collections and the Portal
- ingestion pipeline maintained by the Biblissima team

# Charles V (roi de France, 1338-1380) (Q826)

Aucune description fournie

modifier

Charles 5 (roi de France ; 1338-1380) | Charles le quint (roi de France, 1338-1380)

## ▼ Plus de langues Configurer

Langue	Libellé	Description	Alias
français	Charles V (roi de France, 1338-1380)	Aucune description fournie	Charles 5 (roi de France ; 1338-... Charles le quint (roi de France, ...)
English	Pas de libellé défini	Aucune description fournie	

## Déclarations

nature de l'élément	être humain	modifier
	▶ 0 référence	+ ajouter une valeur

date de naissance	1338	modifier
	▶ 0 référence	

Collaborative platform to publish/manage authority lists  
(Person record [Q2987](#))

identifiant Bibliothèque  
nationale de France

119360912  
► 0 référence

 modifier

+ ajouter une valeur

identifiant Gemeinsame  
Normdatei

118776754  
► 0 référence

 modifier

+ ajouter une valeur

identifiant Wikidata

Q167782  
► 0 référence

 modifier

+ ajouter une valeur

identifiant IdRef

027285677  
► 0 référence

 modifier

+ ajouter une valeur

identifiant bibliothèque du  
Congrès

n84059149  
► 0 référence

 modifier

Alignments to external LOD datasets

alex



- Alexandre d'Alexandrie (saint, 0250?-0328) (*ALEXANDER Alexandr...*)
- Alexandre d'Aphrodisias (*ALEXANDER Aphrodisiensis*)
- Alexandre de Halès (1185-1245) (*ALEXANDER DE HALES, O.F.M.*)
- Alexandre Ier (pape, 00..-0115?) (*ALEXANDER I (s.), papa*)
- Alexandre III (pape, 11..-1181) (*ALEXANDER III, papa*)
- Alexandre IV (pape, 12..?-1261) (*ALEXANDER IV papa*)
- Alexandre de Tralles (0525-0605) (*ALEXANDER Trallianus*)

plus

## Wiki

 Discussion Media

contenant...

alex

## Discussion

 Discussion modè

...roperty

...roperty

## aide

 Discussion aide

## catégorie

 Discussion catégorie

Search engine, with autocomplete

## Identifiants

identifiant Biblissima



ldatae7d82e52982ebc46ee38a5fbea6a59b273c79307

0 référence

identifiant Bibliothèque  
nationale de France



15312191g

0 référence



11935433r

répertoire d'autorité  
matière

<http://rameau.bnf.fr>

0 référence

Qualifier to specify the nature of the  
second BnF identifier (= RAMEAU  
subject heading)

identifiant Wikidata



Q16869

0 référence

identifiant GeoNames



745044

0 référence

identifiant Pleiades: gazetier  
des toponymes historiques



520998

0 référence

Page of a Place entity (Istanbul)

Qualifier of an identifier

# Adatha (Empire romain) (Q30147)

adatha

Langue	Libellé	Description	Alias
français	Adatha (Empire romain)	Aucune description fournie	adatha
English	Adatha (Roman Empire)	Aucune description fournie	
español	Pas de libellé défini	Aucune description fournie	
íslenska	Pas de libellé défini	Aucune description fournie	

## Déclarations

nature de l'élément	lieu géographique
	0 référence
partie de	géographie: moyen-orient et proche-orient
	0 référence
note Biblissima	Localité de la Phénicie selon la Notitia dignitatum, identifiée par certains spécialistes avec Başpinar dans la province Gaziantep (Turquie) (C. Neira Faleiro, La "Notitia dignitatum": nueva edición crítica y comentario histórico, Madrid, Consejo superior de investigaciones científicas, 2005 [i.e. 2006])

Page of a Place entity (Adatha)

Biblissima note

[Afficher la page](#)[Envoyer la requête](#)[Effacer](#)

main

action=wbgetentities

format=json

## Résultats

Afficher les données de la requête comme :

Chaîne de requête de l'URL

URL de la requête :

/w/api.php?action=wbgetentities&amp;format=json&amp;ids=Q826&amp;props=info%7Caliasess%

```
{  
    "entities": {  
        "Q826": {  
            "pageid": 951,  
            "ns": 120,  
            "title": "Item:Q826",  
            "lastrevid": 5938,  
            "modified": "2019-02-02T15:21:26Z",  
            "type": "item",  
            "id": "Q826",  
            "labels": {  
                "fr": {  
                    "language": "fr",  
                    "value": "Charles V (roi de France, 1338-1380)"  
                }  
            },  
            "descriptions": {},  
            "aliases": {  
                "fr": [  
                    {  
                        "language": "fr",  
                        "value": "Charles 5 (roi de France ; 1338-1380)"  
                    },  
                    {  
                        "language": "fr",  
                        "value": "Charles le quint (roi de France, 1338-1380)"  
                    }  
                ]  
            }  
        }  
    }  
}
```

# API endpoint (for developers)

[API Sandbox](#) / [REST API](#)

```
wdata:Q27525 a schema:Dataset ;
    schema:about wd:Q27525 ;
    cc:license <http://creativecommons.org/publicdomain/zero/1.0/> ;
    schema:softwareVersion "0.1.0" ;
    schema:version "54815"^^xsd:integer ;
    schema:dateModified "2019-04-02T14:48:29Z"^^xsd:dateTime .
```

```
wd:Q27525 a wikibase:Item ;
    rdfs:label "Istanbul (Istanbul, Turquie)"@fr ;
    skos:prefLabel "Istanbul (Istanbul, Turquie)"@fr ;
    schema:name "Istanbul (Istanbul, Turquie)"@fr ;
    rdfs:label "Istanbul"@en ;
    skos:prefLabel "Istanbul"@en ;
    schema:name "Istanbul"@en ;
    skos:altLabel "constantinople"@fr,
        "Istanbul"@fr,
        "Ισταμπούλ"@fr ;
    wdt:P2 wd:Q26719,
        wd:Q26752 ;
    wdt:P169 wd:Q26859 ;
    wdt:P172 wd:Q26894 ;
    wdt:P176 "41.01384" ;
    wdt:P177 "28.94966" ;
    wdt:P129 "1datae7d82e52982ebc46ee38a5fbea6a59b273c79307" ;
    wdt:P109 "15312191g",
        "11935433r" ;
```

RDF-Turtle data of a Place entity (Istanbul)



## Assistant de requête

+ Filtre



+ Afficher

http://wikiba.se/ontology-beta#directClaim



Limite

```
1 PREFIX wd: <http://localhost/entity/>
2 PREFIX wdt: <http://localhost/prop/direct/>
3 PREFIX wikibeta: <http://wikiba.se/ontology-beta#>
4
5 SELECT ?property ?propLabel ?value
6 WHERE
7 {
8   wd:Q2 ?property ?value .
9   OPTIONAL { ?prop wikibeta:directClaim ?property . }
10  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],fr" . }
11 }
```



7 résultats en 76 ms

&lt;/&gt; Code

Télécharger

property	propLabel	value
<http://localhost/prop/direct/P2>	date de naissance	1338
schema:description		Charles V (roi de France, 1338-1380)
rdf:type		<http://wikiba.se/ontology-beta#Item>
rdfs:label		Charles V (roi de France, 1338-1380)

SPARQL endpoint to query RDF data (for developers)  
*Work in progress...*



# Thank you for your attention!

Régis ROBINEAU

(Biblissima - Campus Condorcet / EPHE-PSL)

Biblissima Team:

Kévin Bois

Eduard Frunzeanu

Biblissima 

[biblissima.fr](http://biblissima.fr)