

PATRIMONIVM >> PETRAE EDITOR

EPIGRAPHY.INFO WOKSHOP, ZADAR, 14/12/2018

Vincent RAZANAJAO

Université Bordeaux Montaigne, Institut Ausonius

Some background

- Patrimonium ERC-StG 716375
 - Is NOT an epigraphical project *per se*
 - But aims at conducting a multidisciplinary socio-economic study of the properties of the Roman emperors from Octavian/Augustus to Diocletian
 - Sources will be **encoded** with metadata related to the research questions (places, people, institutions)
 - Using **TEI / EPIDOC**

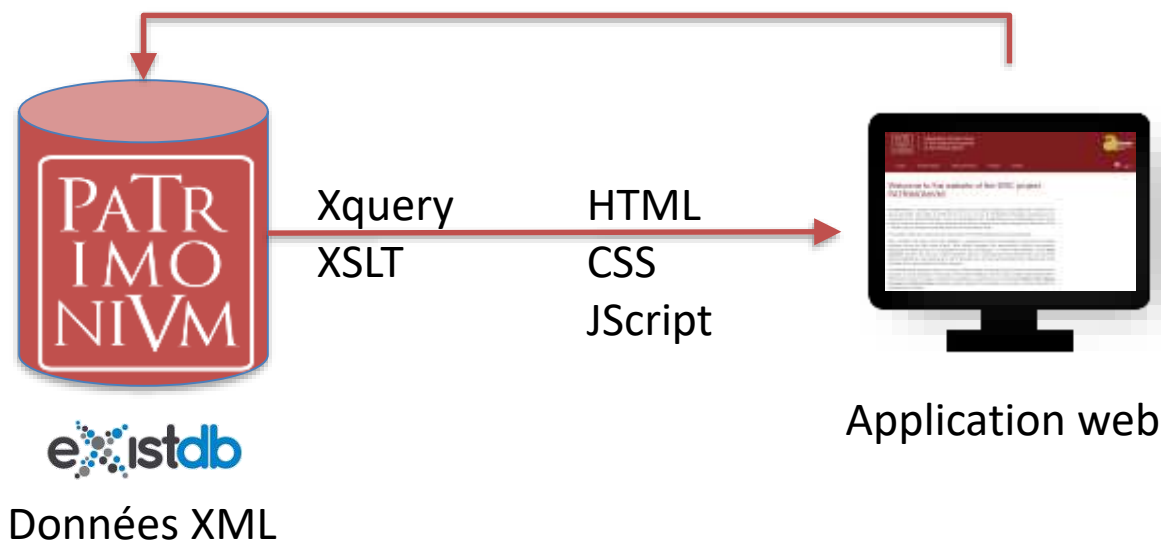


Geography and Economy
of the Imperial Properties
in the Roman World

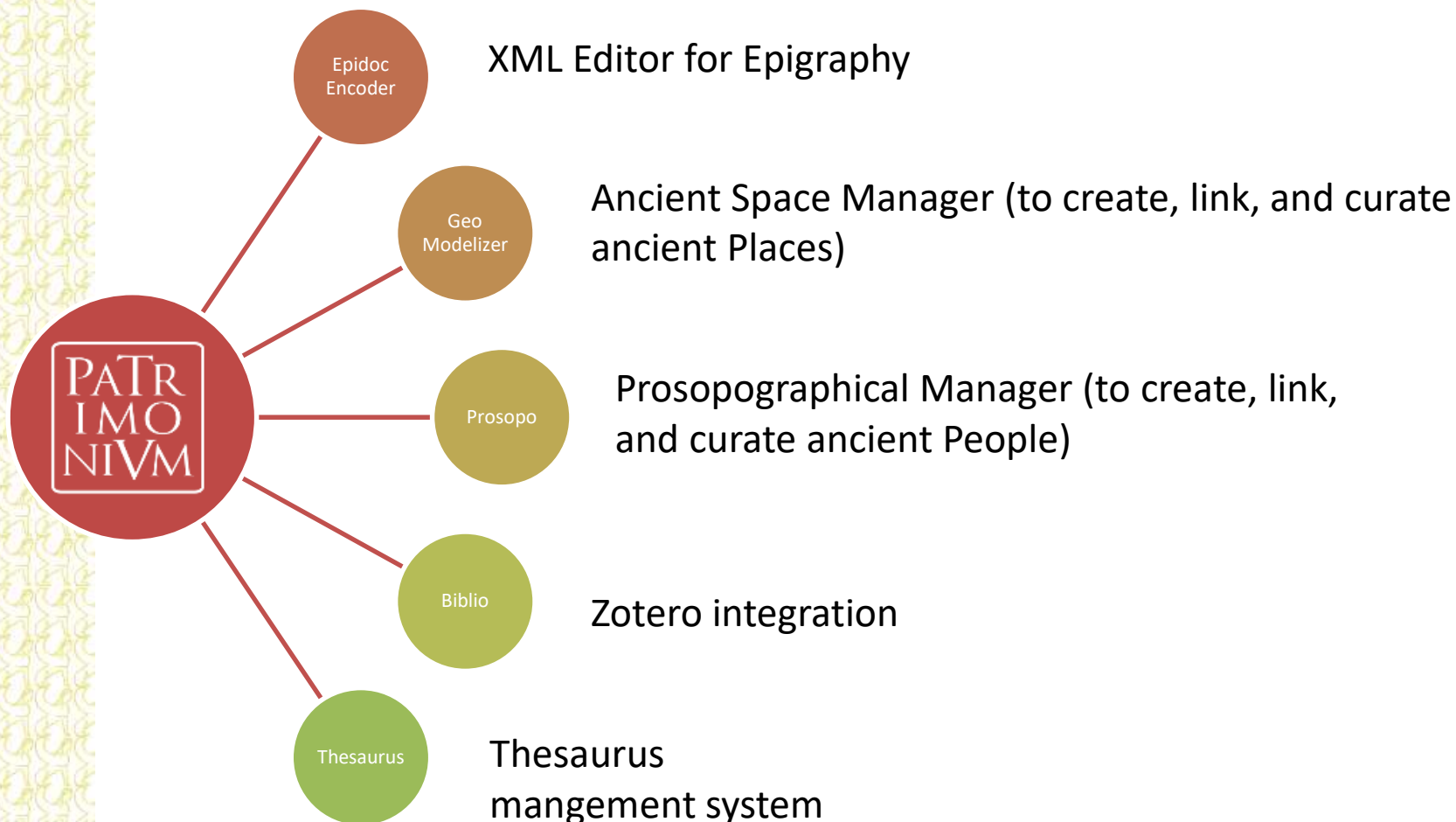


ATLAS PATRIMONII

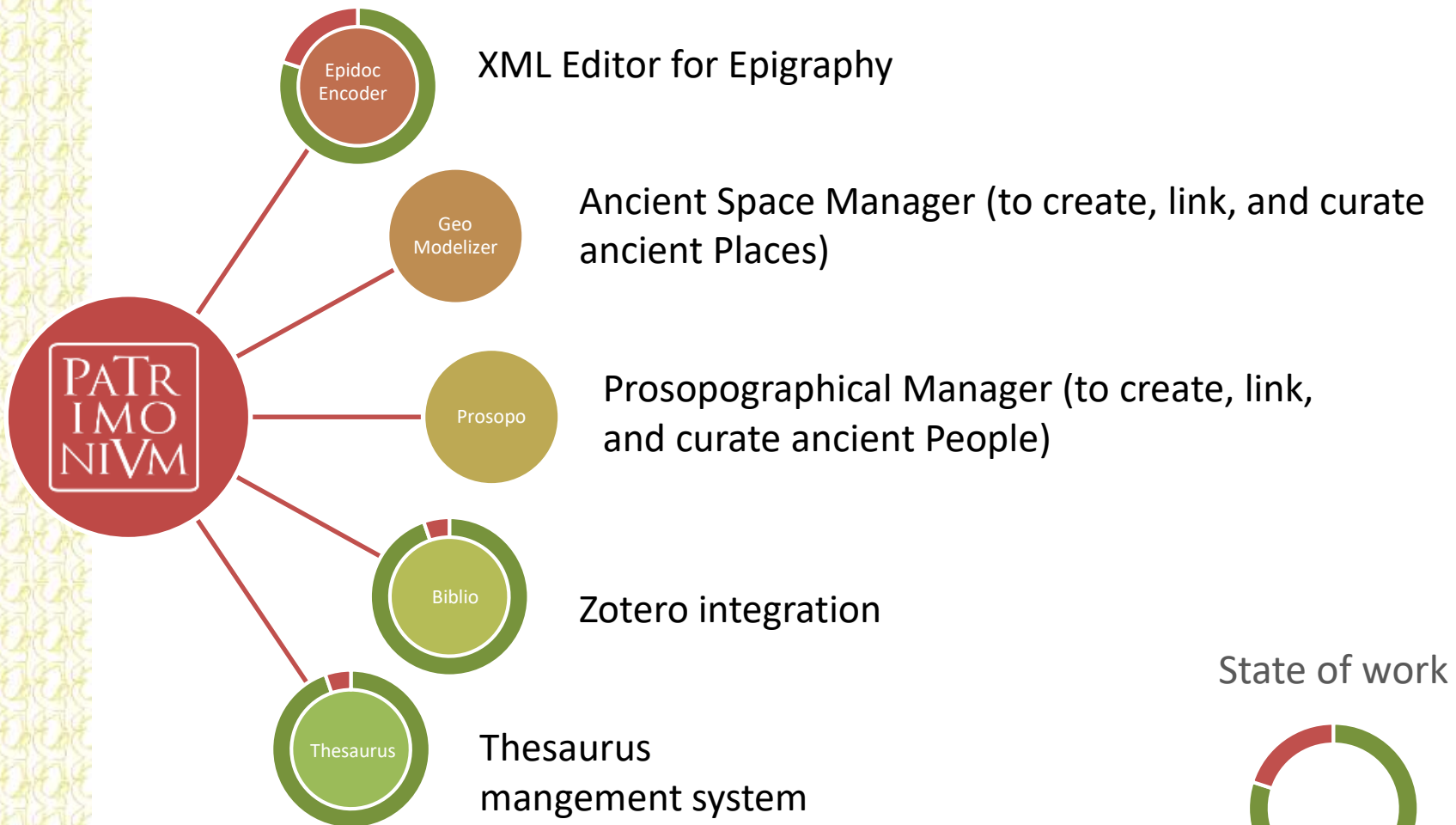
- Platform for encoding
- & querying / displaying data
- Curation of metadata is done via an integrated thesaurus manager
- → ALL in 1 SINGLE



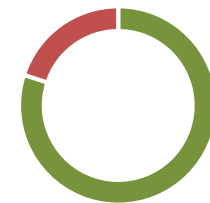
A modular platform



A modular platform



State of work



PATRIMONIVM >> PETRAE EDITOR AND THE OTHERS



Rest of the
community

- Ifao Workshop
- Epigraphy.info
- ...

Other projects
from Ausonius

- Gymnasia
- Thesaurus Ausonius

PETRAE

- New version

Décret pour C. Iulius Capito

Editing document t12

Document Metadata

Support

Text Metadata

Text Units

XML file

Title 1 Décret pour C. Iulius Capito

Edition 1 Digital edition encoded by <ref target="http://gymnasia.huma-num.fr">Project Gymnasia</ref> <date when="2018">2018</date>

Document type 1

Main Bibliography

+

Dalla Rosa 2017, p. 78

TM Number 1

xxx

Keywords 1

+

+

+

Insert a Bibliographical Reference

Search in Zotero Group 2094917

Date

Dalla Rosa 2017, Les successeurs désignés du prince et leur patrimoine. À propos de la délimitation d'Er-Rahel en Maurétanie Césarienne (CIL, VIII 21663) (Zotero key: IPGTYFBA)

Camilli 2018-02-14, Contributi per un'archeologia di cantiere: i bolli laterizi dalla necropoli di Porto all'Isola Sacra (Zotero key: V94EZZB)

Dalla Rosa 2014, Cura et tutela: l'origine del potere imperiale sulle province proconsolari (Zotero key: M6JC8SVU)

Dalla Rosa 2016, From Exploitation to Integration: Imperial Quarries, Estates and Freedmen, and the Integration of Rural Phrygia (Zotero key: 2KFHUUWD)

Dalla Rosa 2017, Propriété familiale, pouvoir impérial : origine et gestion du patrimonium d'Augusta en Asie Mineure (Zotero key: WVH75V9)

Date: 2017

Title: Les successeurs désignés du prince et leur patrimoine. À propos de la délimitation d'Er-Rahel en Maurétanie Césarienne (CIL, VIII 21663)

URL: undefined

IPGTYFBA

Add reference

Cancel

Décret pour C. Iulius Capito

Editing document t12

Document Metadata

Support

Text Metadata

Text Units

XML file

Support Type ⓘ



Material ⓘ



State of preservation (desc.) ⓘ

Physical condition: <rs ref="#no_entry-see-text">complet</rs>



State of preservation (keyword) ⓘ



Text Support

Findspot ⓘ

Place ⓘ



Discovery date (not before) ⓘ



Discovery date (not after) ⓘ



Finder ⓘ



Geo-coordinates ⓘ



Certainty ⓘ

Dimensions (in mm) ⓘ

Height ⓘ



Width ⓘ



Depth ⓘ



Current & past locations ⓘ

Country ⓘ



Place ⓘ



Place ⓘ



Repository ⓘ



Main identifier ⓘ



Editing document t12

Document Metadata

Support

Text Metadata

Text Units

XML file

Abstract Text Metadata

This TEI document has 1 /sourceDoc/surface element

Main language ⓘ



Other language(s) ⓘ



Modern title ⓘ

Free text



Ref. to canonical text ⓘ

ref-to-canonical-text-uri



Writing Support(s) +

This TEI document has 1 /sourceDoc/surface element

1

main-face

| t12-surface1 |

Type ⓘ



Figures +

Text layout

Summary ⓘ

-



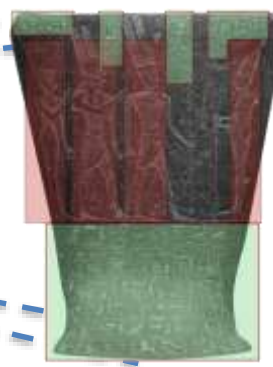
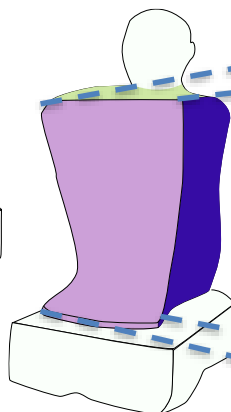
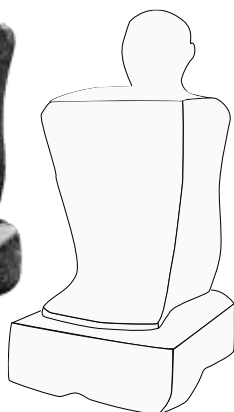
1. t12-layout1

Surface: main-face | Description:



© CGC Legrain

Block statue of Hṛ (III), son of Nsr-Jmn. Cairo CG 42230



dy m ḥsw.t n.t ḥr nswt n
ḥm-nṯr n ḥm m ḥp.t-sw.t
ḥry sšw ḥw.t-nṯr n pr ḥm
Ḥr m3' ḥrw s3 mī nn Ny-
se-r-ḥm m3' ḥrw s3 mī
nw Ḥr m3' ḥrw

Granted by
royal favour to
the prophet of
Amun in
Karnak, Chief
of the
Scribes...

'Ideal' document

/TEI/teiHeader/fileDesc
/sourceDesc/
msDesc/msIdentifier/
msName

'artefactual' object

/TEI/teiHeader/fileDesc
/sourceDesc/msDesc/
msFrag
msFrag: recent addition
× 1 as 1 single object

Writing supports

/TEI/sourceDoc

× 5 surfaces for front,
rear, upper, left &
right sides

Text layouts

/TEI/teiHeader/fileDesc
/sourceDesc/msDesc/
physDesc/objectDesc/
layoutDesc

Figures

/TEI/teiHeader/fileDesc
/sourceDesc/msDesc/
physDesc/decoDesc

Abstract texts

/TEI/teiHeader/fileDesc/
sourceDesc/msDesc/
msContents/msItem

× n for as many text
characterizations as
wishes

Document Metadata Support Text Metadata **Text Units** XML file

Subject Indexing

Select an item ▼ Annotate

Annotate Place, People & Time

Places

People

List of people attached to this doc. [+ person](#)

Annotate Names

PersName

Type Select an item ▼

PersName

Names

Original Standardized form

Name

Praenomen Nomen Cognomen

* functions

Select an item ▼

Insert function

Events

Text on Main written surface of the monument

Text Converter

Epigraphic annotations

(1) ▼ A [a] [a] <a> [a] Gap ▼ Addition ▼ Illegible ▼ Vacat ▼ P X

```
1 <lb n="1"/><supplied reason="lost"><persName type="praenomen">Γαίου</persName>Ιουλί</supplied>ου<lb n="2"/><supplied reason="lost"><persName type="cognomen">Καπίτωνος</persName> π</supplied>αιδονόμου<lb n="3"/><rs type="subject" key="law - decrees" ref="http://ausonius.huma-num.fr/concept/c19336">ἔδοξ</supplied>εν τῷ δήμ</supplied>ω</rs> ἐν ἀρχαιρεσίαις<lb n="4"/>ἐπει <persName type="praenomen">Γάιος</persName> <persName type="nomen">Ιούλιος</persName> <persName type="cognomen">Καπίτων</persName> <rs type="subject" key="official" ref="http://ausonius.huma-num.fr/concept/c19335">παιδονομήσας</rs><lb n="5"/>καὶ προνοήσας τῆς τῶν <rs type="subject" key="gymnasial group" ref="http://ausonius.huma-num.fr/concept/c19333">παιδῶν</rs> ἀγωγῆς καὶ<lb n="6"/>παιδείας κατὰ τὸ κάλλιστον, ἐπετέλεσεν<lb n="7"/>καὶ <rs type="subject" key="gymnasial competition" ref="http://ausonius.huma-num.fr/concept/c19347">ἀγῶνας</rs> διδούς αὐτοῖς καὶ <rs type="subject" key="gymnasial competition" ref="http://ausonius.huma-num.fr/concept/c19347">ἄθλα</rs>, πάντα τε<lb n="8"/>φιλοτειμότετα ἐποίησεν, ἐπέδωκέν τε καὶ<lb n="9"/><rs type="subject" key="course" ref="http://ausonius.huma-num.fr/concept/c19345">θεωρίας</rs>, ὃ τε δῆμος ἐπὶ τῇ τοῦ ἀνδρός φιλοτει<lb n="10"/>μία προεφώνησεν τειμηθῆναι αὐτὸν ταῖς<lb n="11"/><rs type="subject" key="honor" ref="http://ausonius.huma-num.fr/concept/c19334">καλλίσταις τειμαῖς</rs>, ἀνατεθῆναι δὲ αὐτοῦ καὶ<lb n="12"/><rs type="subject" key="honor" ref="http://ausonius.huma-num.fr/concept/c19334">εἰκόνα</rs> δεδόχθαι τετειμηθῆναι <persName type="praenomen">Γάιον</persName> <persName type="nomen">Ιούλιον</persName> <lb n="13"/><persName type="cognomen">Καπίωνα</persName> ταῖς <rs type="subject" key="honor" ref="http://ausonius.huma-num.fr/concept/c19334">καλλίσταις τειμαῖς</rs> ἀνατεθῆναι<lb n="14"/>δὲ αὐτοῦ καὶ <rs type="subject" key="honor" ref="http://ausonius.huma-num.fr/concept/c19334">εἰκόνα</rs>
```

Preview

places people function events Info on XML selection

[ΓαίουΙουλί]ου
[Καπίτωνος π]αιδονόμου
ἔδοξ[εν τῷ δήμ]ω ἐν ἀρχαιρεσίαις
4 ἐπει Γαίος Ιούλιος Καπίτων παιδονομήσας
καὶ προνοήσας τῆς τῶν παιδῶν ἀγωγῆς καὶ
παιδείας κατὰ τὸ κάλλιστον, ἐπετέλεσεν
καὶ ἀγῶνας διδούς αὐτοῖς καὶ ἄθλα, πάντα τε
8 φιλοτειμότετα ἐποίησεν, ἐπέδωκέν τε καὶ
θεωρίας, ὃ τε δῆμος ἐπὶ τῇ τοῦ ἀνδρός φιλοτει-
μία προεφώνησεν τειμηθῆναι αὐτὸν ταῖς
καλλίσταις τειμαῖς ἀνατεθῆναι δὲ αὐτοῦ καὶ

Document
Subject
Annotate
List of
Annotations
Persons
Names
Events

Text converter

You can paste any text written according to main standards in use in epigraphy

Select a script **Ancient Greek**

Select source format **PETRAE**

Paste your text below

4
5
6
7
8
9
10
11
12
13
14

ἐπεὶ γάιος Ἰούλιος Καπίτων παιδονομῆσας
καὶ προνοήσας τῆς τῶν παίδων ἀγωγῆς καὶ
παιδείας κατὰ τὸ κάλλιστον, ἐπετέλεσεν
καὶ ἀγῶνας διδούς αὐτοῖς καὶ ἄθλα, πάντα τε
φιλοτειμώτατα ἐποίησεν, ἐπέδωκέν τε καὶ
θεωρίας, ὃ τε δῆμος ἐπὶ τῇ τοῦ ἀνδρὸς φιλοτει-
μῇ προεφώνησεν τειμηθῆναι αὐτὸν ταῖς
καλλίσταις τειμαῖς, ἀνατεθῆναι δὲ αὐτοῦ καὶ
εἰκόνα· δεδόχθαι τετειμηθῆναι γάιον Ἰούλιον
Καπίτωνα ταῖς καλλίσταις τειμαῖς· ἀνατεθῆναι

XML preview

1
2
3
4
5
6
7
8
9
10
11

```

<lb n="1"/>[-----?-- Γαῖου·Ιουλί]ου·
<lb n="2"/><supplied reason="lost">Καπίτωνος·π</supplied>αιδονόμου·
<lb n="3"/>ἔδοξ<supplied reason="lost">εν·τῷ·δήμ</supplied>ω·ἐν·ἀρχαιρεσίαις·
<lb n="4"/>ἐπεὶ·Γάιος·Ἰούλιος·Καπίτων·παιδονομήσας·
<lb n="5"/>καὶ·προνοήσας·τῆς·τῶν·παίδων·ἀγωγῆς·καὶ·
<lb n="6"/>παιδείας·κατὰ·τὸ·κάλλιστον,·ἐπετέλεσεν·
<lb n="7"/>καὶ·ἀγῶνας·διδούς·αὐτοῖς·καὶ·ἄθλα·,·πάντα·τε·
<lb n="8"/>φιλοτειμώτατα·ἐποίησεν,·ἐπέδωκέν·τε·καὶ·
<lb n="9"/>θεωρίας·,·ὃ·τε·δῆμος·ἐπὶ·τῇ·τοῦ·ἀνδρὸς·φιλοτει-
<lb n="10"/>μῇ·προεφώνησεν·τειμηθῆναι·αὐτὸν·ταῖς·
<lb n="11"/>καλλίσταις·τειμαῖς·,·ἀνατεθῆναι·δὲ·αὐτοῦ·καὶ·

```

Text Converter

Ιουλῖ</supplied>ου<lb n="2"/><supplied reason
n="3"/><rs type="subject" key="law - decrees"
ν τῷ δήμ</supplied>ω</rs> ἐν ἀρχαιρεσίαις<lb n
Ιούλιος</persName> <persName type="cognomen"
a-num.fr/concept/c19333">παιδονομήσας</rs><lb n
//ausonius.huma-num.fr/concept/c19333">παίδων
<rs type="subject" key="gymnasial competition"
<rs type="subject" key="gymnasial competition"
>φιλοτειμώτατα ἐποίησεν, ἐπέδωκέν τε καὶ<lb n
</c19345">θεωρίας</rs>, ὃ τε δῆμος ἐπὶ τῇ τοῦ
a type="subject" key="honor" ref="http://ausoniu
<lb n="12"/><rs type="subject" key="honor" ref
>Καπίτωνα</persName> ταῖς <rs type="subject" key
>ἀνατεθῆναι<lb n="14"/>δὲ αὐτοῦ καὶ <rs type
unction + ⚡ events Info on XML selection

Document Metadata Support Text Metadata Text Units XML file



```

1 <?xml:lang="http://www.tei-c.org/ns/1.0" xml:id="t12" n="1">
2 <!-- @xml:id must be URI beyond the project and unique at corpus level, and should include reference to project whenever it is possible-->
3 <!-- @n should be used to specify the source project-->
4 <teiHeader xml:lang="en">
5 <!-- @xml:lang should be used so that multilingual metadata on a same document could be compiled from different projects-->
6 <fileDesc>
7 <!-- Each file allows for the encoding of 1 to n texts (as witnesses) attested on an (originally) unique document. It is important to keep in mind that the unit encoded is the original document.-->
8 <titleStmt>
9 <!-- Metadata about the ancient text(s), as a discrete witness(es) in its/their material context (i.e. not the abstract text, for which see /TEI/teiHeader/fileDesc/sourceDesc/msDesc/msContents-->
10 <title>Décret pour C. Julius Capitol</title>
11 </title>
12 <edition>
13 <!-- Metadata about the current digital edition-->
14 <edition>Digital edition encoded by <ref target="http://gymnasia.huma-num.fr">Project Gymnasia</ref> <date when="2018">2018</date>
15 </edition>
16 <!-- Plain text summarizing the purpose of the current, digital file.-->
17 <!-- A <date>, with a @when in order to be machine readable, should embrace any data related to the edition-->
18 <!-- A <ref> should point to web page's project-->
19
20 <principal>
21 <persName ref="#pfrölich">Pierre Frölich</persName>
22 <!-- @ref should be used to point to person in /TEI/teiHeader/profileDesc/particDesc/listPerson[@type="editorial"], below-->
23 </principal>
24 <!-- @ref should be used to point to person(s) listed in /TEI/teiHeader/profileDesc/particDesc/listPerson[@type="editorial"], below-->
25 <resp>
26 <resp>Metadata</resp>
27 <!-- Name(s) of people responsible for metadata input-->
28 <persName ref="#personID">Name</persName>
29 <persName ref="#personID">Name</persName>
30 </resp>
31 <resp>
32 <resp>Text transliteration</resp>
33 <!-- Names of the people responsible for the transliteration of the Egyptian text-->
34 <persName ref="#personID">Name</persName>
35 <persName ref="#personID">Name</persName>
36 </resp>
37 <resp>
38 <resp>Text translation</resp>
39 <!-- Name(s) of people responsible for the translation of the ancient text-->
40 <persName ref="#personID">Name</persName>
41 <persName ref="#personID">Name</persName>
42 </resp>
43

```



<http://exist-db.org/>

- A NoSQL (XML native) database & Application platform
- EPIDOC files can be directly created, stored and curated ‘as such’
- ‘library’ approach:
 - 1 app for you project
 - Using a library that is installed beside





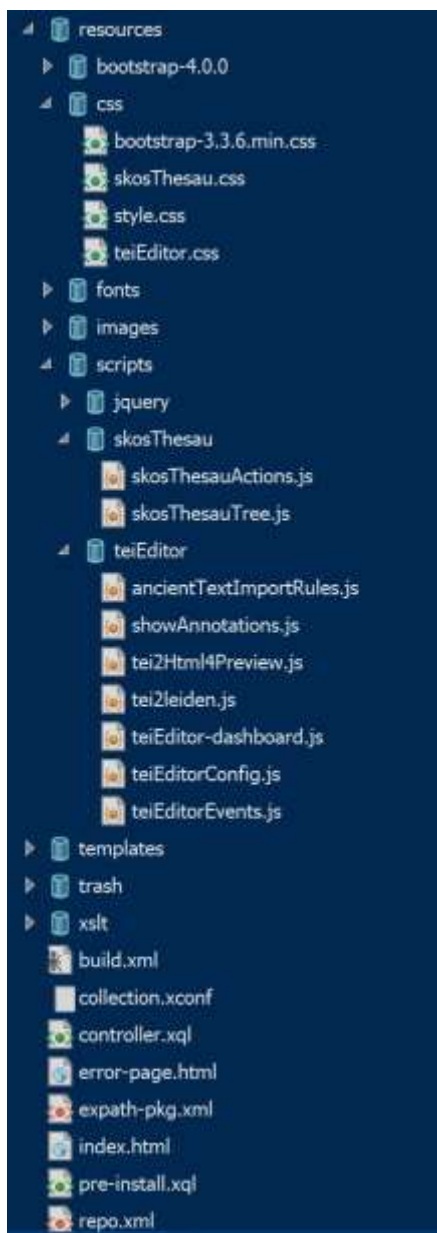
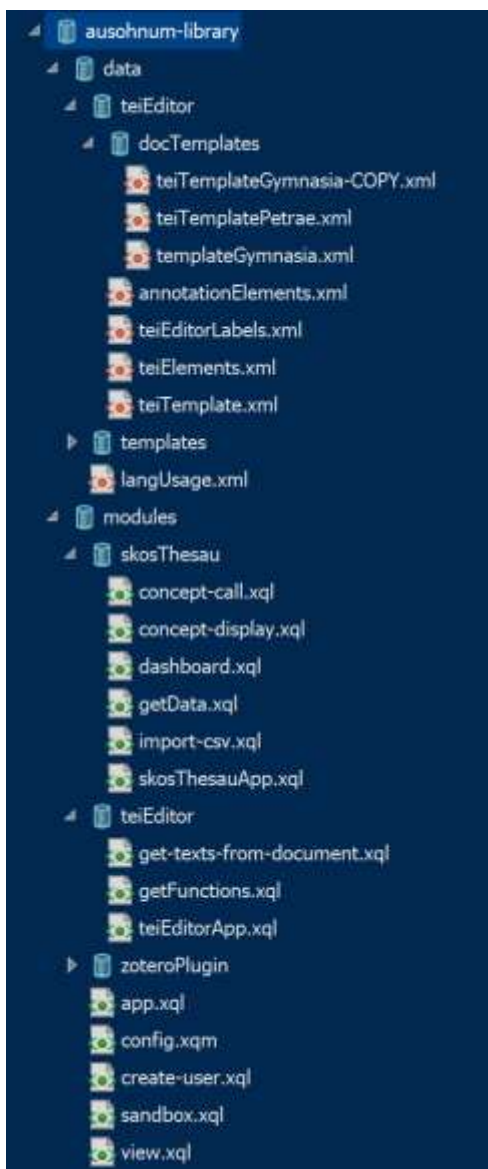
<http://exist-db.org/>

- library contains:
 - Xquery functions
 - JScript
 - Css
 - Other resources (images, fonts).
- App contains functions to build the HTML page and do things specific to the project
 - General layout
 - CSS
- Data is stored outside the app

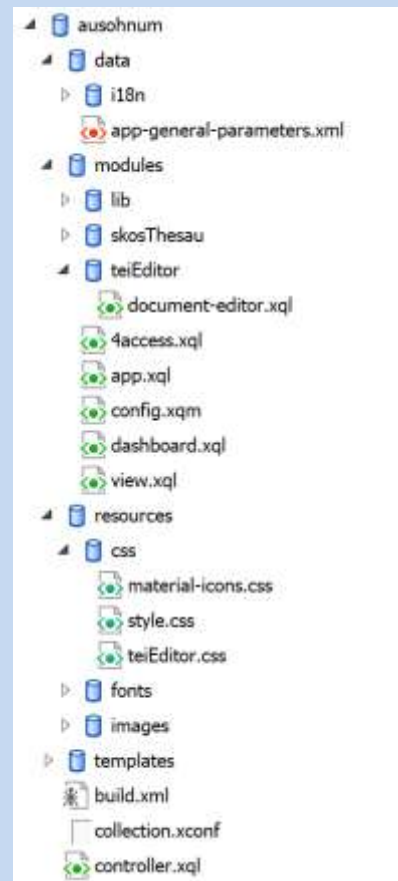
DB structure

```
db/  
|-apps/  
|   |-ausohnum/  
|   |   |-modules  
|   |   |   |-teiEditor  
|   |   |   |-skosThesau  
|   |-ausohnum-library/  
|   |-patrimonium/  
|-data/  
|   |-ausohnum/  
|   |   |-concepts  
|   |-patrimonium/  
|       |-documents/
```

ausoHNum-library



Project App



Some Xquery functions

```
teiEditor:displayElement($teiElementNickname as xs:string,  
                          $docId as xs:string?,  
                          $index as xs:int?,  
                          $xpath_root as xs:string?)
```

```
return
```

```
  switch ($fieldType)
```

```
  case "input" return
```

```
    teiEditor:displayTeiElementCardi($teiElementNickname, $docID, $index, 'input', $teiXPath)
```

```
  case "textarea" return
```

```
    teiEditor:displayTeiElementCardi($teiElementNickname, $docID, $index, 'textarea', $teiXPath)
```

```
  case "combobox" return
```

```
    teiEditor:displayTeiElementWithThesauCardi($teiElementNickname, $conceptTopId, $docID,  
$index, $teiXPath)
```

```
  case "place" return
```

```
    teiEditor:displayPlace($teiElementNickname, $docID, $index, $teiXPath)
```

```
  case "group" return
```

```
    teiEditor:displayTeiElementAndChildren($teiElementNickname, $index, 'input', $teiXPath)
```

```
  default return teiEditor:displayTeiElement($teiElementNickname, $index, 'input', $teiXPath)
```

/db/apps/ausohnum-lib/data/teiElements.xml

<teiElement>

<nm>docKeywords</nm>

<xpath>/tei:teiHeader/tei:profileDesc/tei:textClass/tei:keywords/tei:term/@ref
</xpath>

<contentType>textNodeAndAttribute</contentType>

<cardinality>x</cardinality>

<formLabel xml:lang="en">Keywords</formLabel>

<formLabel xml:lang="fr">Mots-clés</formLabel>

<fieldType>combobox</fieldType>

<thesauDb>internal</thesauDb>

<thesauTopConceptURI>http://ausonius.huma-
num.fr/concept/c19365</thesauTopConceptURI>

<attributeValueType>uri</attributeValueType>

<comments/>

</teiElement>

[Home](#)[Project Goals](#)[Atlas patrimonii Caesaris](#)[People](#)[Events](#)

vrazanajao ▾

Boundary stone set by the imperial freedman Irenaeus

Editing document apc-d-3

[Document Metadata](#)[Support](#)[Object & Fragments](#)[Text Metadata](#)[Text Units](#)[XML file](#)**Title** Boundary stone set by the imperial freedman Irenaeus**Edition** Digital edition encoded for Project Patrimonium 2015**Document type**epigraphy**Main Bibliography**ILS 8716 A-BCIL III 12237**TM Number**—**Keywords**Boundary settingsHorizon 2020
European Union funding
for Research & Innovationpowered by
eXistdb

Sarcophagus of the imperial freedman M. Aur. Victorinus

Editing document apc-d-1

Document Metadata Support Object & Fragments Text Metadata Text Units XML Site

<http://www.elsevier.com/locate/jmb>

34 Places

 Principles

List of people attached to this doc: [+person](#)

M. Aurelius Victorinus Statius Niger Mercurius

Anglican Names

Fraser, J. | Murray, J. | Cunningham, J.

- **Synonyms**

Select all items • [View all features](#)

Events

Subject material

Select art item

Text on Front face

Ergebnisse: *unpublished*

(t) → [t̥] [a] [a] [a] [a] Addition → Regime → Vowel → [t̥] [a] [a] [a] [a]

[illegible]

Preview

classmate 2C | people 2B | function 2B | exams

[Info on XML selection](#)

Selection is XML compliant

dd(e) m(anibus)
 # Marcus + Aur(eli)us + Victorinus #
 Augustorum libertus
 tabular(i)us regionaris
 # ipsa(n)e + et Moeteanae:
 # Mauricius libertus + patrono #
 fecit arcam tantum



Geography and Economy
of the Imperial Properties
in the Roman World



Home

Project Goals

Atlas patrimonii Caesaris

People

Events

vrzazajao

Filter concepts in current language



- < Thesaurus ausonum >
 - Gymnasium
 - Languages
 - Material
 - Patrimonium**
 - People and prosopography
 - Petrae taxonomies
 - Scripts
 - States of preservation
 - Types of object
 - Types of production

< Patrimonium >

Concept c19365

URI <http://ausonius.huma-num.fr/concept/c19365>

Schema Status draft Concept Status draft

Preferred Terms
(skos:prefLabel)

Patrimonium (en)

Alternative Terms
(skos:altLabel)

Broader Terms
(skos:broader)

Narrower Terms
(skos:narrower)

Economy (en)
Institutions (en)
Religion (en)
Society (en)

Temporal Extent
(time:TemporalEntity)

Exact match
(skos:exactMatch)

Scheme note

(skos:ConceptScheme)

Publisher: Ausonius Institute
Editor & contributors:



Geography and Economy of the Imperial Properties in the Roman World

vincent.razanajao@u-bordeaux-montaigne.fr