PATRIMONIVM

Geography and Economy
of the Imperial Properties
in the Roman World

ausonius
institut de recherche
antiquité et moyen âge
Umr 5607

erc
European Research Council
Established by the European Commission

Patrimonivm ›› Petrae Editor

epigraphy.info wokshop, zadar, 14/12/2018

Vincent Razanajao

Université Bordeaux Montaigne, Institut Ausonius

Université BORDEAUX MONTAIGNE

cnrs

Some background

PATRIMONIVM
Geography and Economy
of the Imperial Properties
in the Roman World

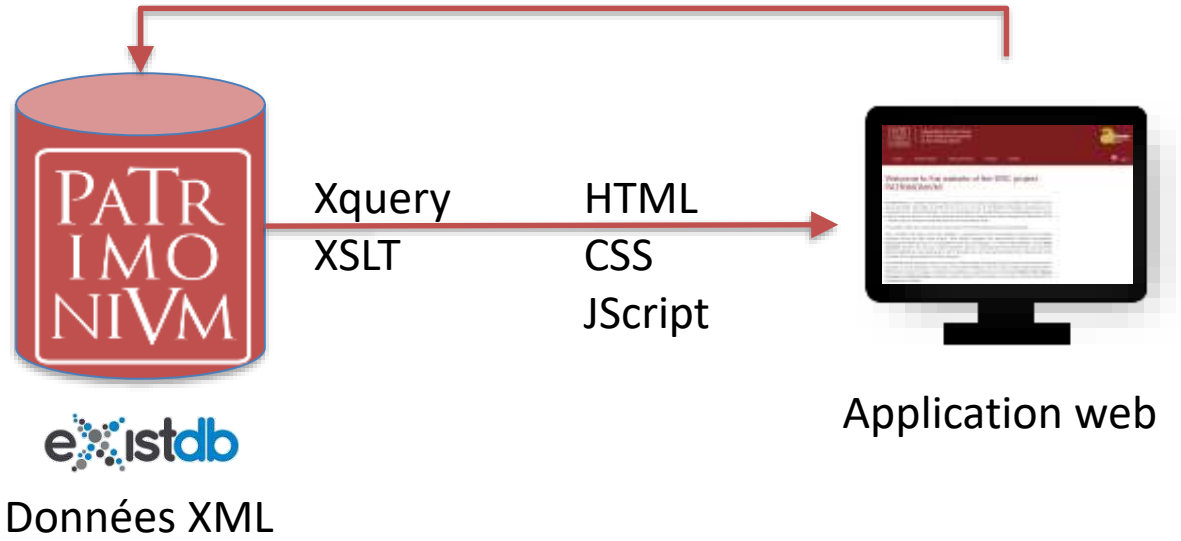
- Patrimonium ERC-StG 716375
  - Is NOT an epigraphical project *per se*
  - But aims at conducting a multidisciplinary socio-economic study of the properties of the Roman emperors from Octavian/Augustus to Diocletian
  - Sources will be **encoded** with metadata related to the research questions (places,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

TEI < Text Encoding Initiative >

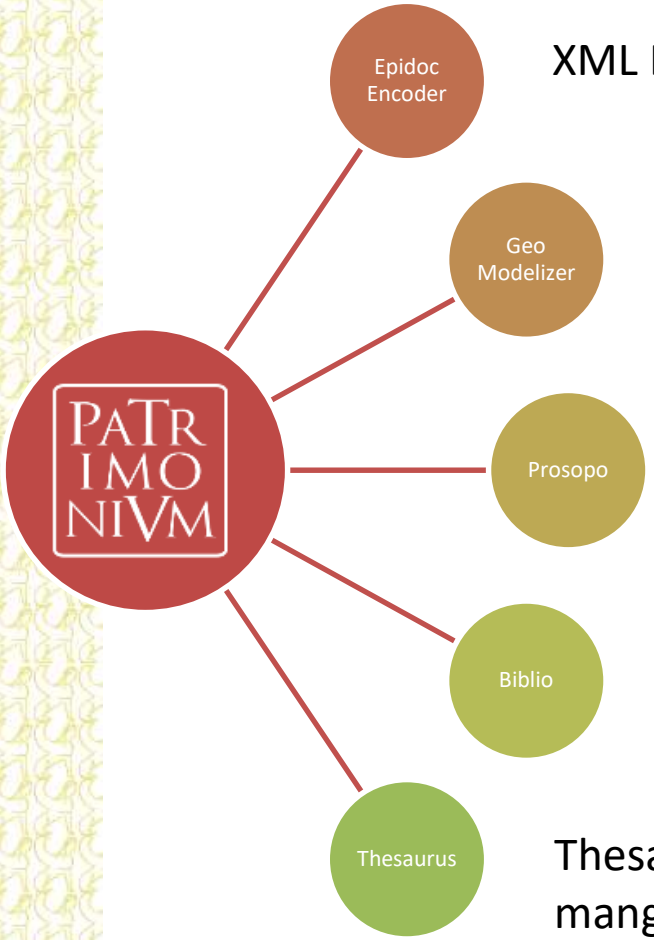
ATLAS PATRIMONII

- Plateform for encoding
- & querying / displaying data
- Curation of metadata is done via an integrated thesaurus manager

- → ALL in 1 SINGLE



A modular platform



XML Editor for Epigraphy

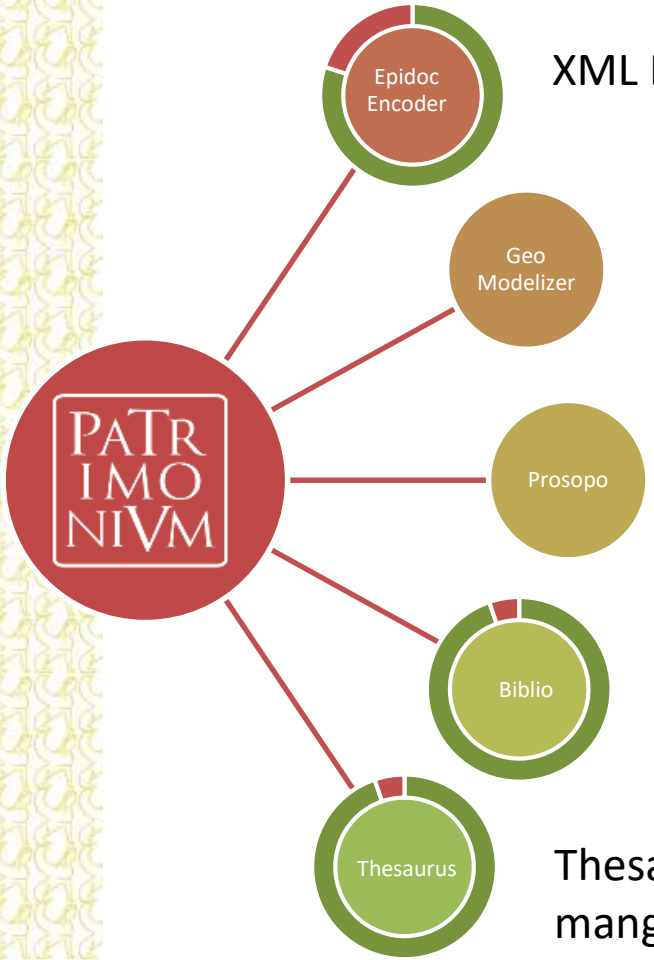
Ancient Space Manager (to create, link, and curate ancient Places)

Prosopographical Manager (to create, link, and curate ancient People)

Zotero integration

Thesaurus
mangement system

A modular platform



XML Editor for Epigraphy

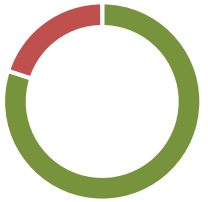
Ancient Space Manager (to create, link, and curate ancient Places)

Prosopographical Manager (to create, link, and curate ancient People)

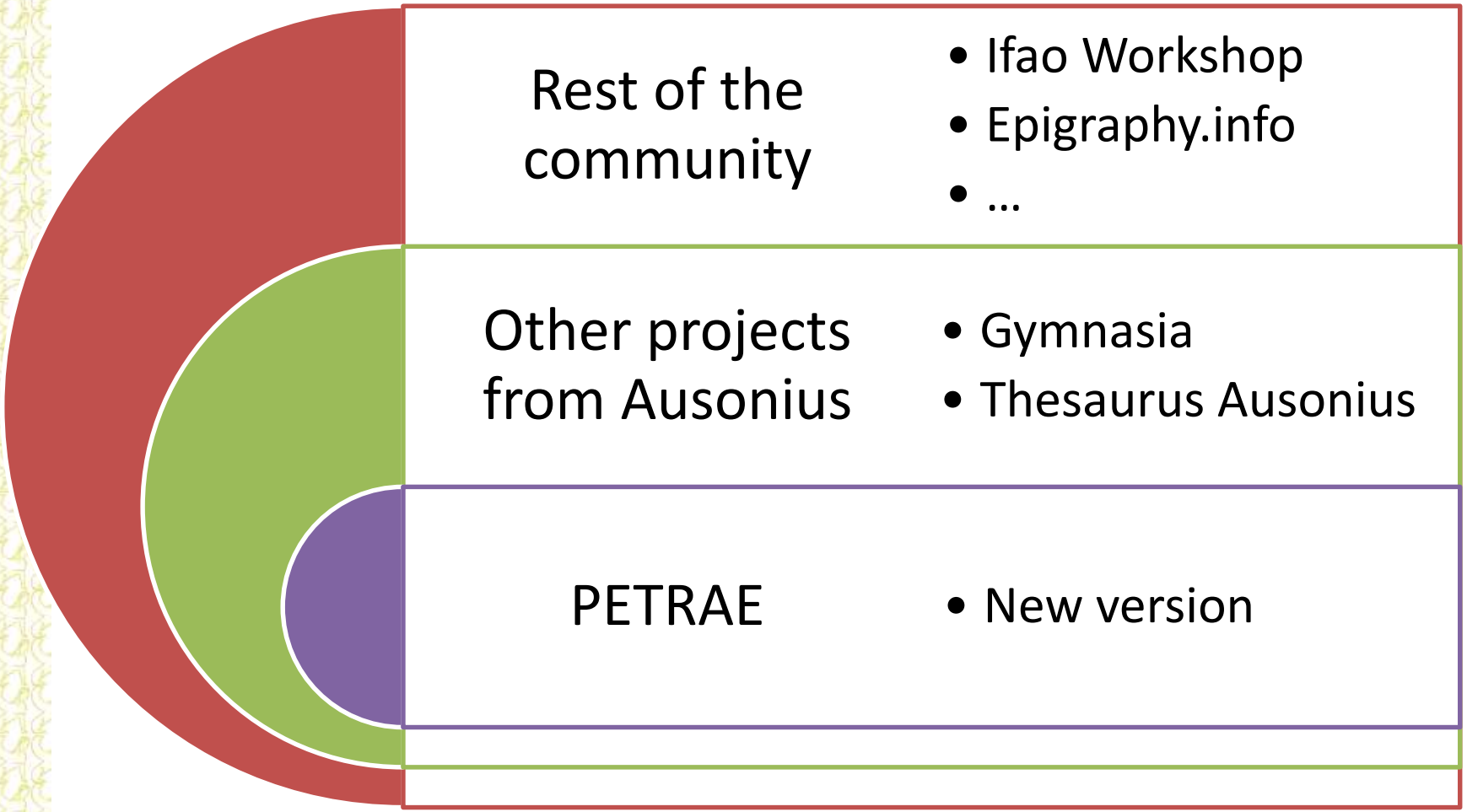
Zotero integration

Thesaurus
mangement system

State of work



PATRIMONIVM ›› PETRAE EDITOR AND THE OTHERS



Décret pour C. Iulius Capito

Editing document t12

Document Metadata | Support | Text Metadata | Text Units | XML file

Title: Décret pour C. Iulius Capito

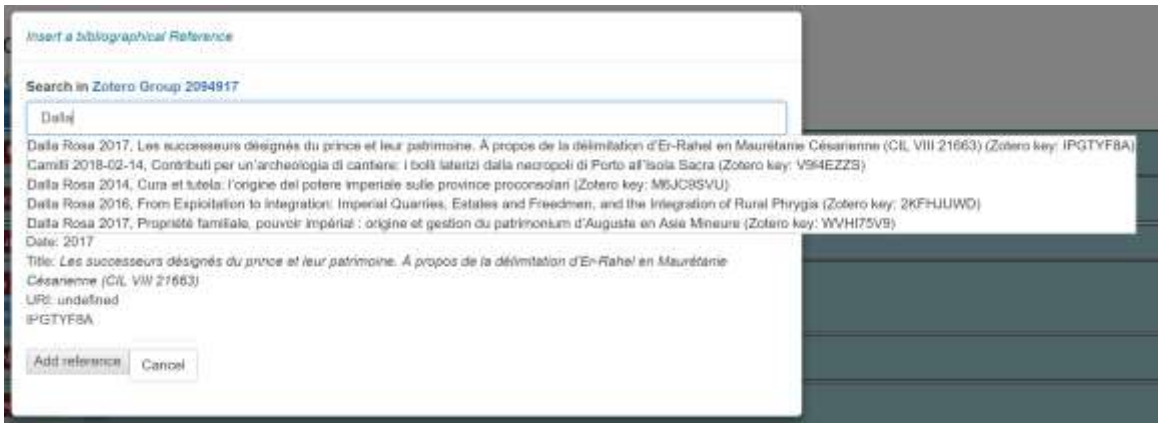
Edition: Digital edition encoded by <ref target="http://gymnasia.huma-num.fr">Project Gymnasia</ref> <date when="2018">2018</date>

Document type:

Main Bibliography:
Dalla Rosa 2017, p. 78

TM Number: xxx

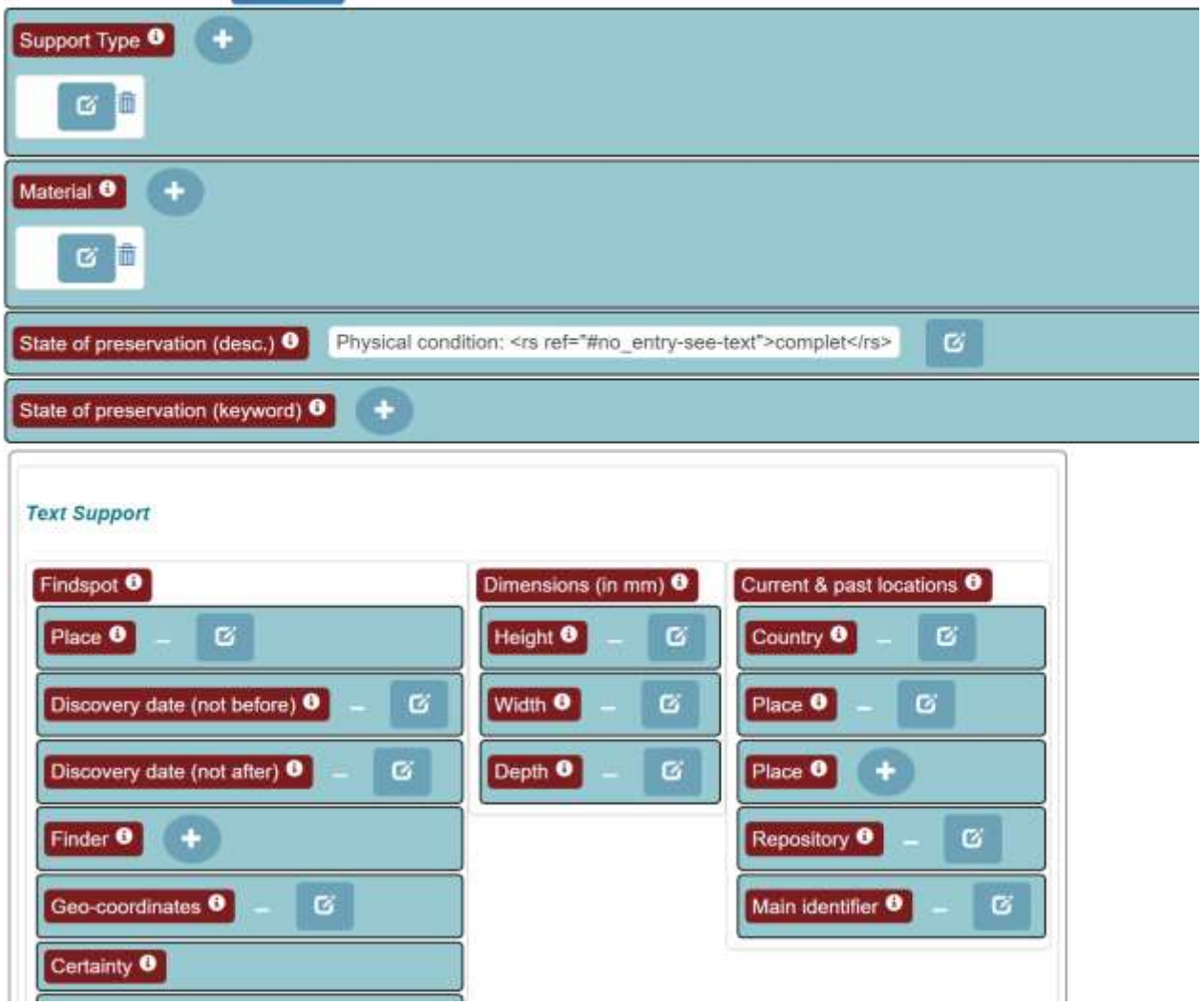
Keywords:



Décret pour C. Iulius Capito

Editing document t12

Document Metadata | Support | Text Metadata | Text Units | XML file



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

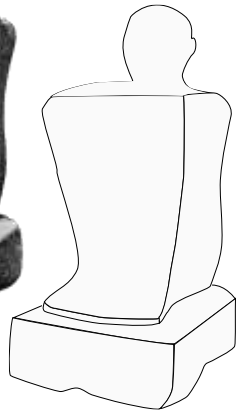
Figures +

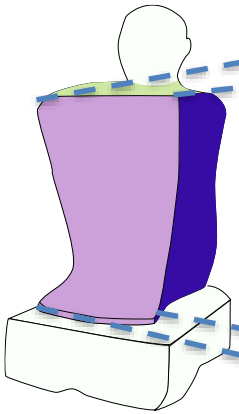
Text layout

Summary –

1. t12-layout1 *Surface:* main-face | ***Description:***

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





dy m ḥsw.t n.t ḥr nswt n ḥm-nṯr n Ỉmn m Ỉp.t-sw.t ḥry sšw ḥw.t-nṯr n pr Ỉmn Ḥr mȝ‘ ḫrw sȝ mỉ nn Ny-se-r-Ỉmn mȝ‘ ḫrw sȝ mỉ nw Ḥr mȝ‘ ḫrw

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

© CGC Legrain

‘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

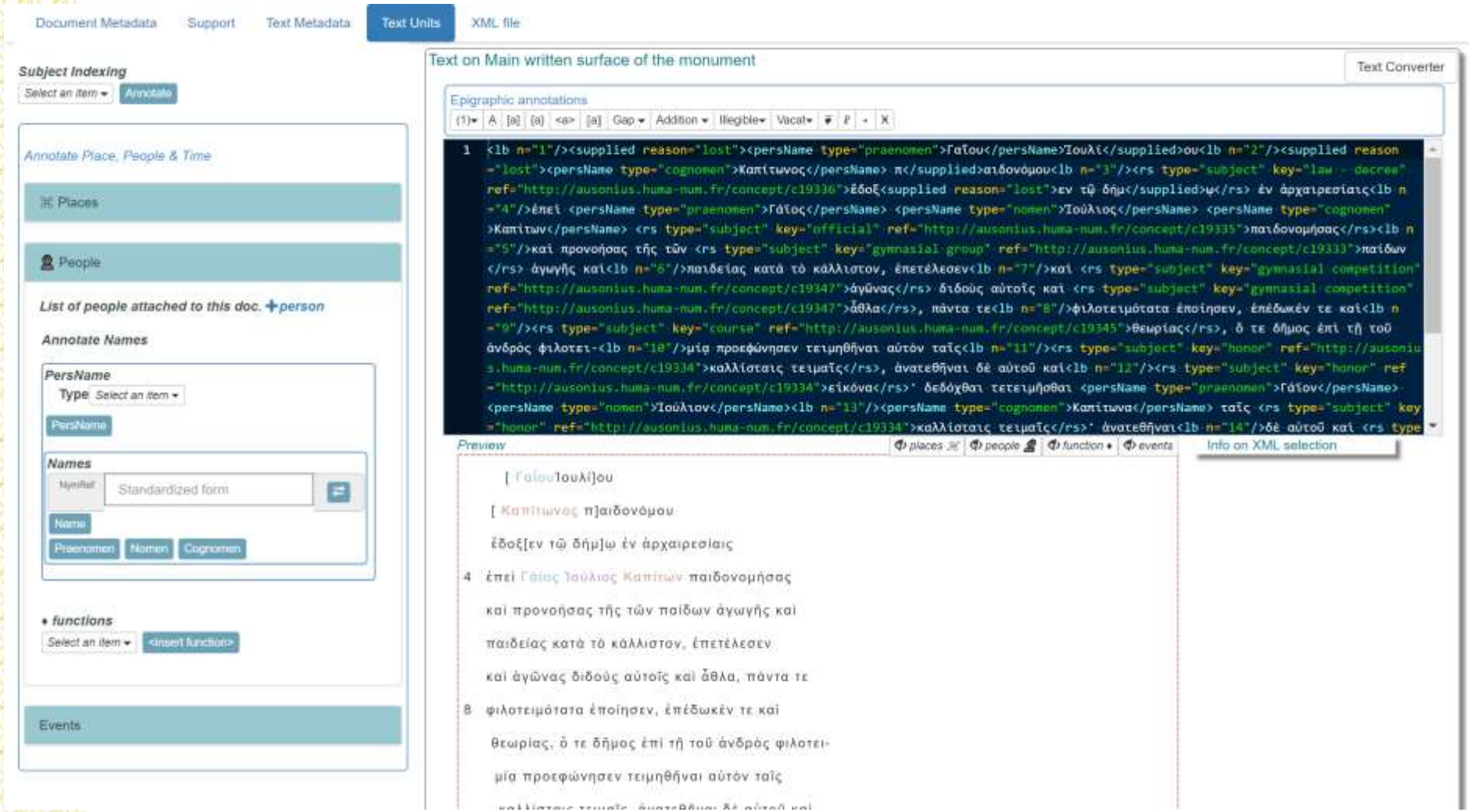
× 5 surfaces for front, rear, upper, left & right sides

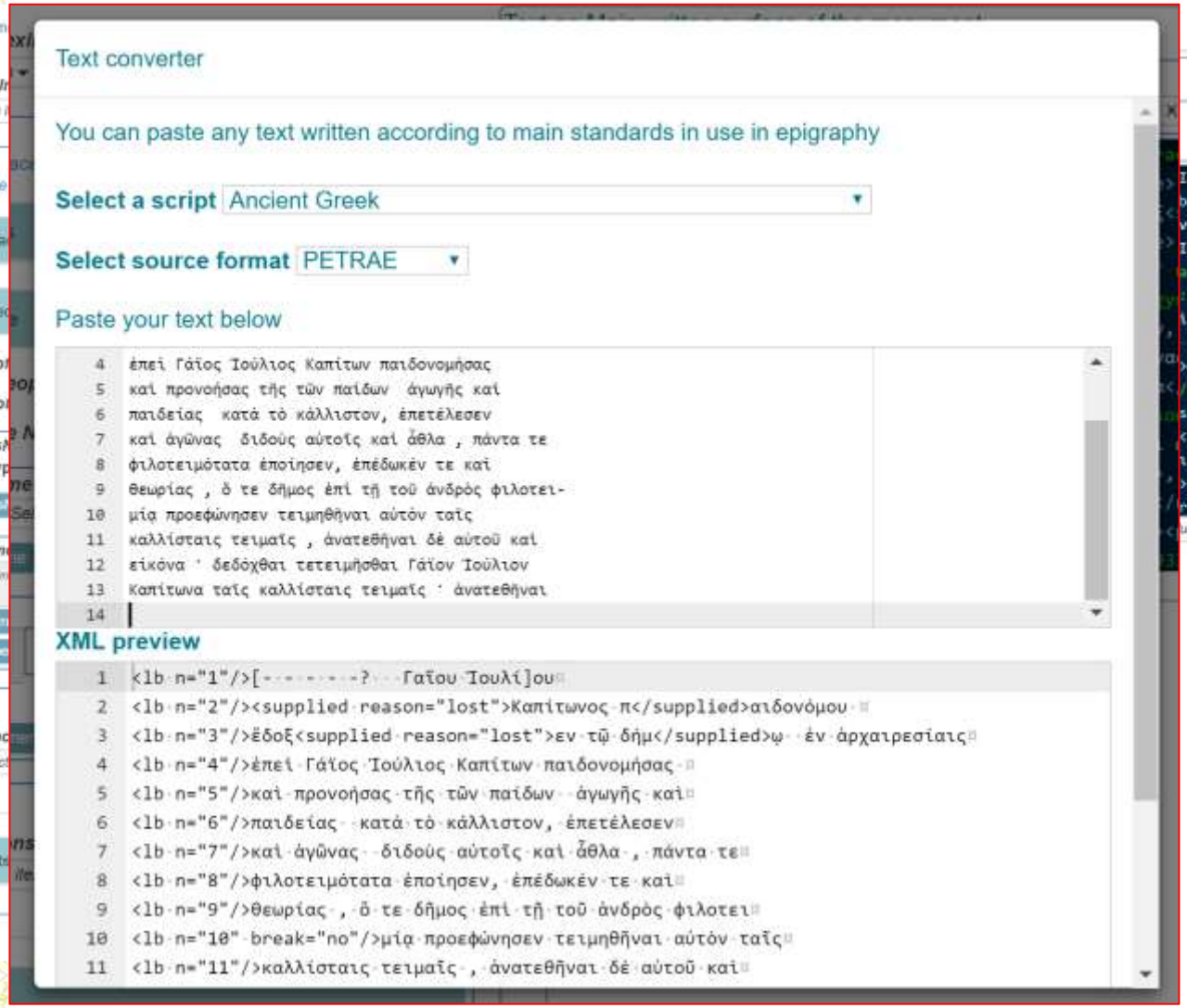
Text layouts
/TEI/teiHeader/fileDesc/sourceDesc/msDesc/physDesc/objectDesc/layoutDesc

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
Nymfiut
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
Preview
places
people
function
events
Info on XML selection
[Γαίου Ἰουλί]ου
[Καπίτωνος π]αιδονόμου
ἔδοξ[εν τῷ δήμ]ῳ ἐν ἀρχαιρεσίαις
ἐπεὶ Γάϊος Ἰούλιος Καπίτων παιδονομήσας
καὶ προνοήσας τῆς τῶν παίδων ἀγωγῆς καὶ
παιδείας κατὰ τὸ κάλλιστον, ἐπετέλεσεν
καὶ ἀγῶνας διδοὺς αὐτοῖς καὶ ἆθλα, πάντα τε
φιλοτειμότατα ἐποίησεν, ἐπέδωκέν τε καὶ
θεωρίας, ὅ τε δῆμος ἐπὶ τῇ τοῦ ἀνδρὸς φιλοτει-
μίᾳ προεφώνησεν τειμηθῆναι αὐτὸν ταῖς


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 ἐπεὶ Γάϊος Ἰούλιος Καπίτων παιδονομήσας
5 καὶ προνοήσας τῆς τῶν παίδων ἀγωγῆς καὶ
6 παιδείας κατὰ τὸ κάλλιστον, ἐπετέλεσεν
7 καὶ ἀγῶνας διδοὺς αὐτοῖς καὶ ἄθλα , πάντα τε
8 φιλοτειμότατα ἐποίησεν, ἐπέδωκέν τε καὶ
9 θεωρίας , ὁ τε δῆμος ἐπὶ τῇ τοῦ ἀνδρὸς φιλοτει-
10 μίᾳ προεφώνησεν τειμηθῆναι αὐτὸν ταῖς
11 καλλίσταις τειμαῖς , ἀνατεθῆναι δὲ αὐτοῦ καὶ
12 εἰκόνα · δεδόχθαι τετειμῆσθαι Γάϊον Ἰούλιον
13 Καπίτωνα ταῖς καλλίσταις τειμαῖς · ἀνατεθῆναι
14
XML preview
1 <lb n="1"/>[- - - - - - - -? - - Γαΐου Ἰουλί]ου
2 <lb n="2"/><supplied reason="lost">Καπίτωνος π</supplied>αιδονόμου
3 <lb n="3"/>ἔδοξ<supplied reason="lost">εν τῷ δήμ</supplied>ῳ - - ἐν ἀρχαιρεσίαις
4 <lb n="4"/>ἐπεὶ Γάϊος Ἰούλιος Καπίτων παιδονομήσας
5 <lb n="5"/>καὶ προνοήσας τῆς τῶν παίδων - - ἀγωγῆς καὶ
6 <lb n="6"/>παιδείας - - κατὰ τὸ κάλλιστον, ἐπετέλεσεν
7 <lb n="7"/>καὶ ἀγῶνας - - διδοὺς αὐτοῖς καὶ ἆθλα - , πάντα τε
8 <lb n="8"/>φιλοτειμότατα ἐποίησεν, ἐπέδωκέν τε καὶ
9 <lb n="9"/>θεωρίας - , ὁ τε δῆμος ἐπὶ τῇ τοῦ ἀνδρὸς φιλοτει
10 <lb n="10" break="no"/>μίᾳ προεφώνησεν τειμηθῆναι αὐτὸν ταῖς
11 <lb n="11"/>καλλίσταις τειμαῖς - , ἀνατεθῆναι δέ αὐτοῦ καὶ

Text Converter
Info on XML selection

Document Metadata | Support | Text Metadata | Text Units | XML file

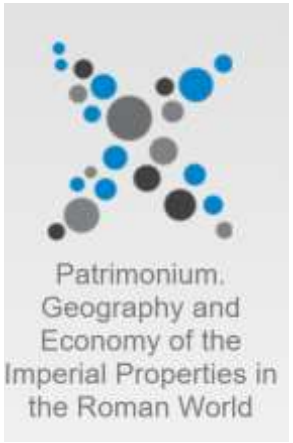
```xml
<TEI xmlns="http://www.tei-c.org/ns/1.0" xml:id="t12" n="">
    <!--    @xml:id must be URI beyond the project and unique at corpus level, and should include reference to project whenever it is possible-->
    <!--    @n should be used to specify the source project-->
    <teiHeader xml:lang="en">
        <!--@xml:lang should be used so that multilingual metadata on a same document could be compiled from different projects-->
        <fileDesc>
            <!--            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.-->
            <titleStmt>
                <!--                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-->
                <title>Décret pour C. Iulius Capito</title>
            </titleStmt>
            <editionStmt>
                <!--                Metadata about the current digital edition-->
                <edition>Digital edition encoded by <ref target="http://gymnasia.huma-num.fr">Project Gymnasia</ref> <date when="2018">2018</date>
                </edition>
                <!--                Plain text summarizing the purpose of the current, digital file.-->
                <!--                A <date>, with a @when in order to be machine readable, should embrace any data related to the edition-->
                <!--                A <ref> should point to web page's project-->

                <principal>
                    <persName ref="#pfrölich">Pierre Frölich</persName>
                    <!--                    @ref should be used to point to person in /TEI/teiHeader/profileDesc/particDesc/listPerson[@type="editorial"], below-->
                </principal>
                <!--                @ref should be used to point to person(s) listed in /TEI/teiHeader/profileDesc/particDesc/listPerson[@type='editorial'], below-->
                <respStmt>
                    <resp>Metadata</resp>
                    <!--                    Name(s) of people responsible for metadata input-->
                    <persName ref="#personID">Name</persName>
                    <persName ref="#personID">Name</persName>
                </respStmt>
                <respStmt>
                    <resp>Text transliteration</resp>
                    <!--                    Names of the people responsible for the translitteration of the Egyptian text-->
                    <persName ref="#personID">Name</persName>
                    <persName ref="#personID">Name</persName>
                </respStmt>
                <respStmt>
                    <resp>Text translation</resp>
                    <!--                    Name(s) of people responsible for the translation of the ancient text-->
                    <persName ref="#personID">Name</persName>
                    <persName ref="#personID">Name</persName>
                </respStmt>
```

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/

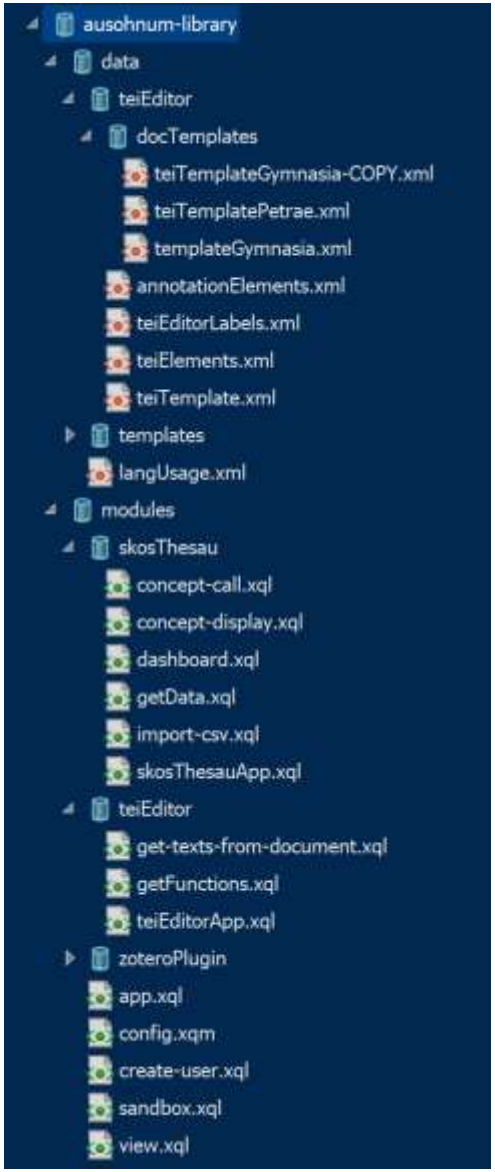
- library contains:
  - Xquery functions
  - JScript
  - Css
  - Other resources (images, fonts).
- App contains functions to build the HTML page and do things specific to the project
  - General layout
  - CSS
- Data is stored outside the app

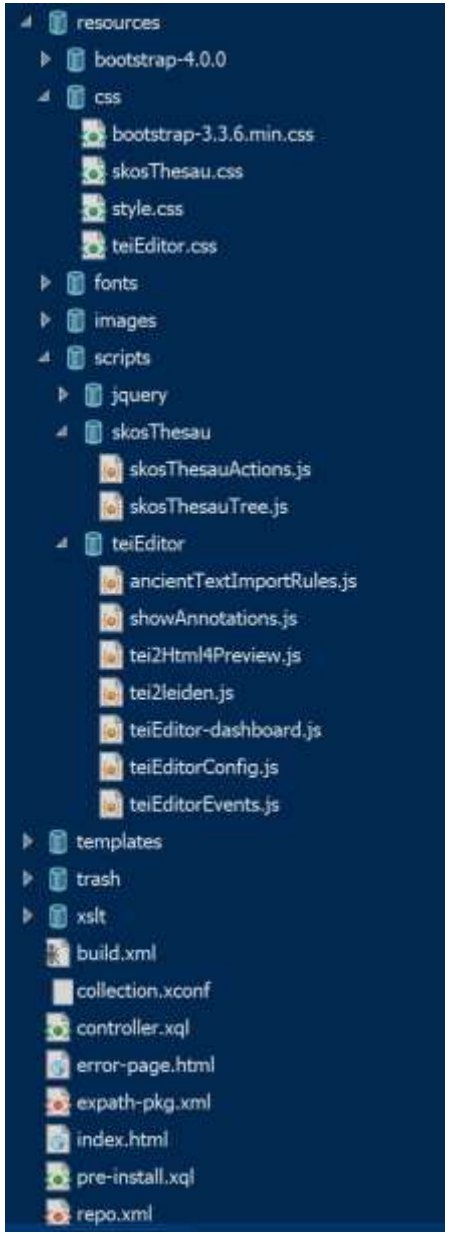
DB structure

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

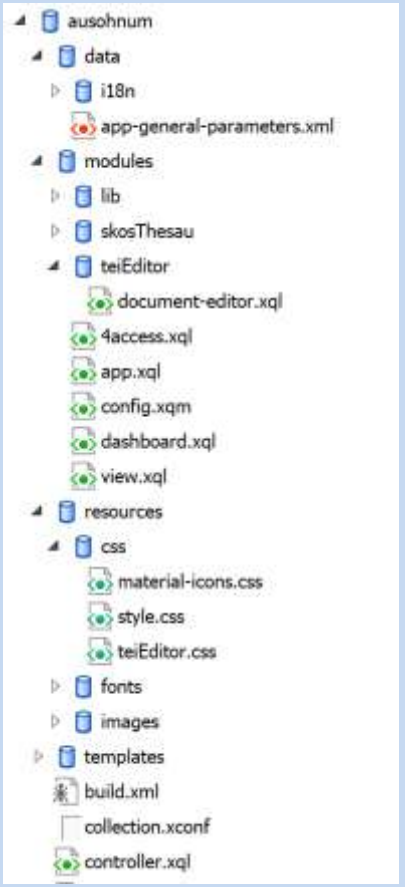
ausonius
institut de recherche
antiquité et moyen âge
Umr 5607

ausoHNum-library





Project App



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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>
```

ausonius
Université BORDEAUX MONTAIGNE
European Commission
Horizon 2020
European Union funding
for Research & Innovation
erc
powered by
eXistdb

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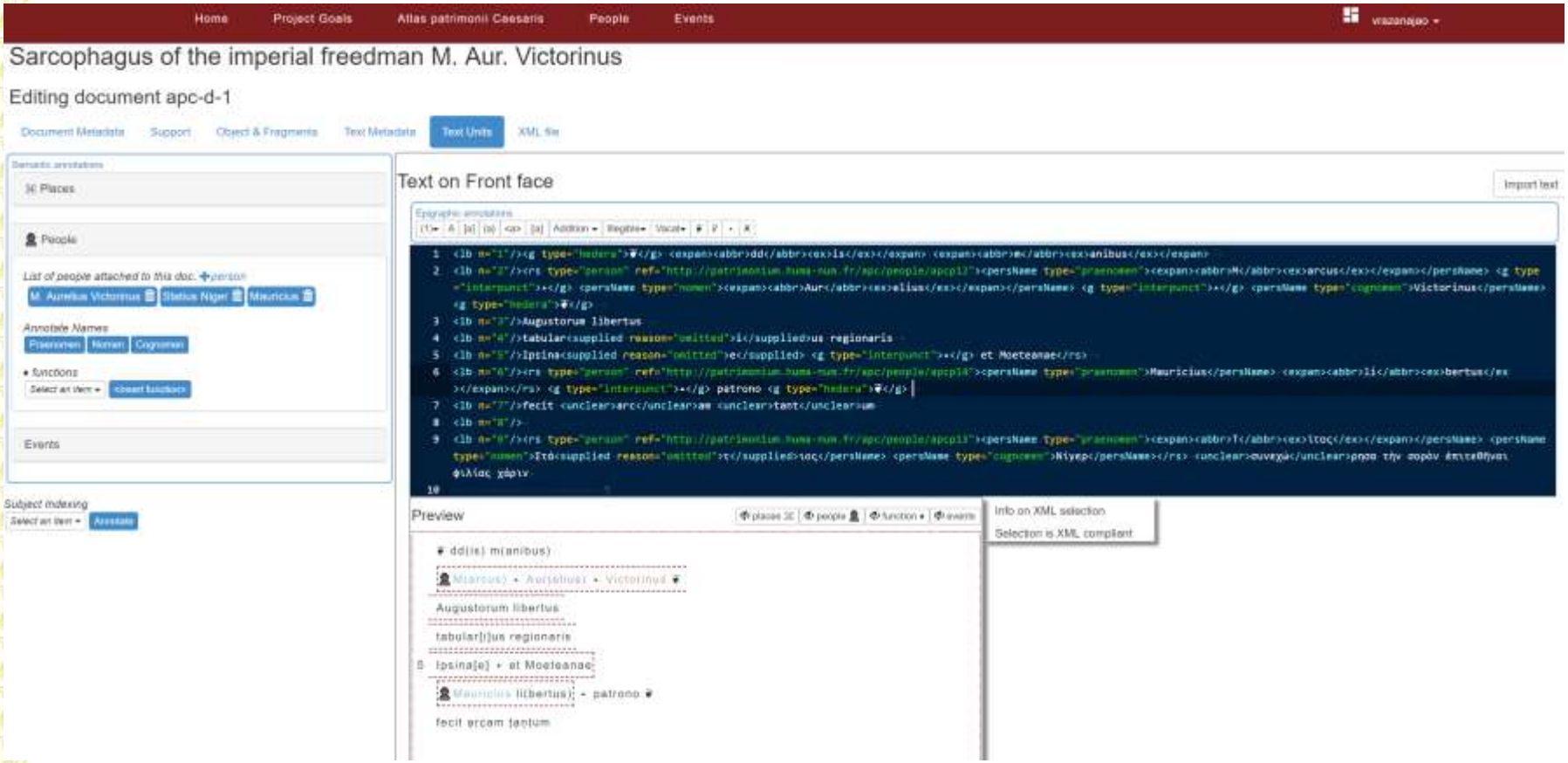
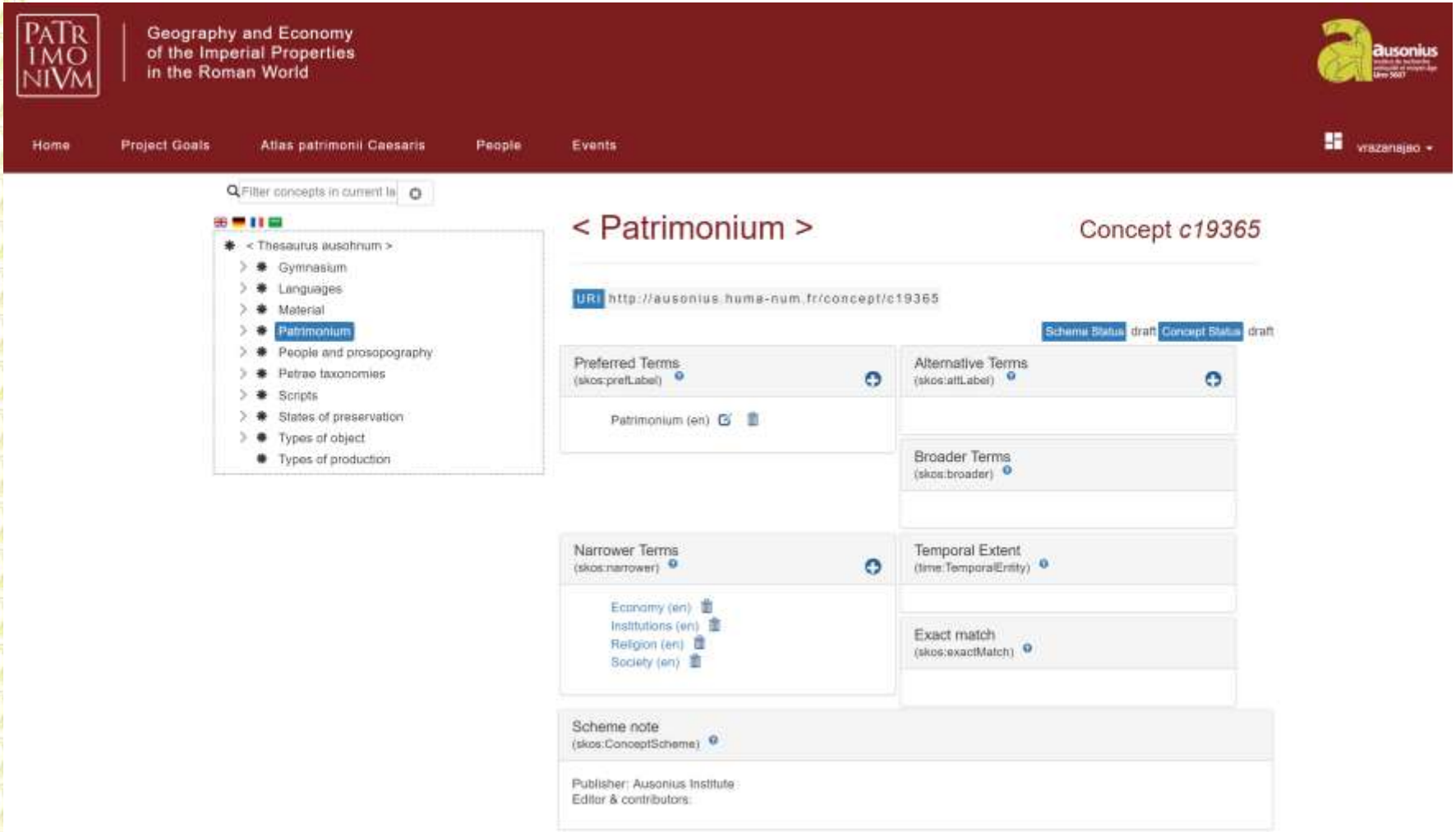

Home
Project Goals
Atlas patrimonii Caesaris
People
Events
Sarcophagus of the imperial freedman M. Aur. Victorinus
Editing document apc-d-1
Document Metadata
Support
Object & Fragments
Text Metadata
Text Units
XML file
Places
People
List of people attached to this doc.
M. Aurelius Victorinus
Statius Niger
Mauricius
Annotable Names
Praenomen
Nomen
Cognomen
Functions
Events
Subject indexing
Annotate
Text on Front face
Import text
Preview
Info on XML selection
Selection is XML compliant
Augustorum libertus
tabular[i]us regionaris
Ipsina[e] + et Moeteanae
fecit arcam tantum


PATRIMONIVM
Geography and Economy
of the Imperial Properties
in the Roman World
ausonius
Home
Project Goals
Atlas patrimonii Caesaris
People
Events
vrazanajao
Filter concepts in current la
< Thesaurus ausohnum >
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
Scheme 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

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