

Case study in digital epigraphy: Roman Inscriptions in Serbia

Dragana Nikolić

Balkanološki institut, Srpska akademija nauka i umetnosti
ddgrbic@gmail.com



INSTITUTE FOR
BALKAN STUDIES
SERBIAN ACADEMY
OF SCIENCES AND ARTS

Digital epigraphy in Serbia



INSTITUTE FOR
BALKAN STUDIES
SERBIAN ACADEMY
OF SCIENCES AND ARTS

Funding

2015-2016

Digitization of Ancient Epigraphic Heritage in Serbia (Digitalizacija antičkog epigrafskog nasleđa u Srbiji), Institute for Balkan Studies SASA funded by the Ministry of Culture and Information of the Republic of Serbia

2018

EpiDoc XML Encoding of Roman Inscriptions from Serbia: Digitization of Ancient Epigraphic Heritage (EpiDoc XML кодирање римских натписа са тла Србије – дигитализација античког епиграфског наслеђа), Institute for Balkan Studies SASA, funded by the Ministry of Culture and Information of the Republic of Serbia

2017, 2019

Only the support of the Institute for Balkan Studies, SASA



Republic of Serbia
MINISTRY OF CULTURE AND INFORMATION

What is epigraphy?

the study of written matter recorded on hard or durable material. The term is derived from the Ancient Greek: ἐπιγραφή, "inscription"

- Critical edition and interpretation of text, their historical, philological and other aspects.
- Discipline is related to papyrology and numismatics





*[P(ublio)? Cornelio P(ubli)? f(ilio) Ta]cito Ca[--- co(n)s(uli) / XVviro sacris faciundis
 X]viro stlitib[us iudicandis trib(uno) / mil(itum) leg(ionis) --- quaesto]ri Aug(usti)
 tribun[o plebis praetori / -----*

The Epigraphic Material in Serbia

Modern Serbia covers larger or smaller parts of five Roman provinces:

Upper Moesia
Lower Pannonia
Dalmatia
Thrace
Dacia

About 2500 Roman inscriptions



The project's status quo: the numbers

Digital documentation, bibliography, photodocumentation, metadata, edition for:

1048 inscriptions of Upper Moesia (pub. in corpus *Inscriptions de la Mésie Supérieure*)

128 inscriptions of the Serbian part of the Roman province **Dalmatia**

TBD:

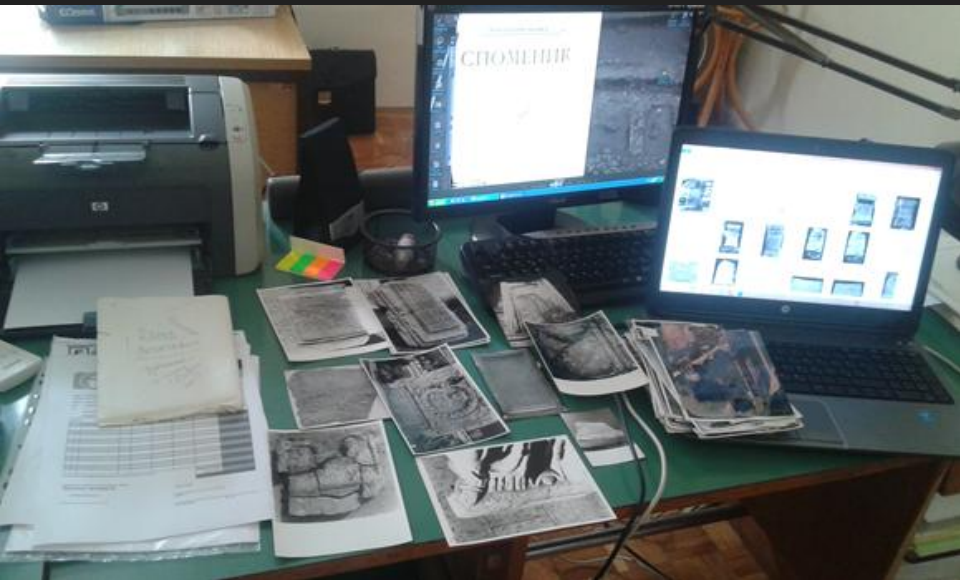
Lower Pannonia

Dacia

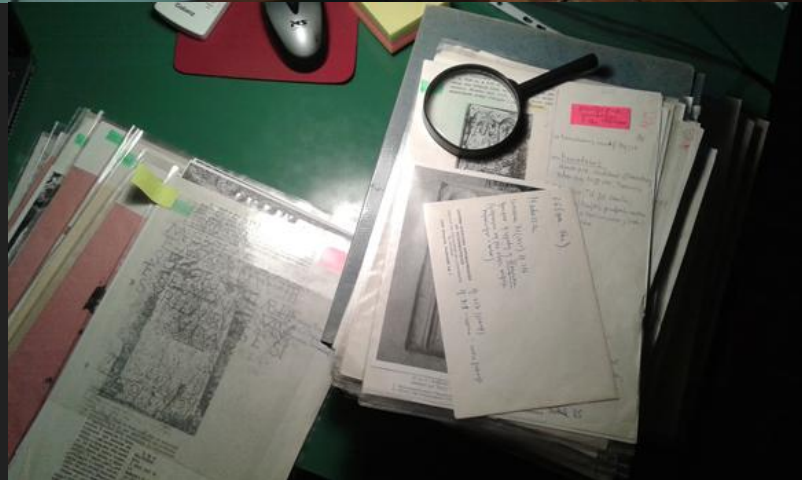
Thrace

***Supplementa* for Upper Moesia**

Corpus of verse inscriptions

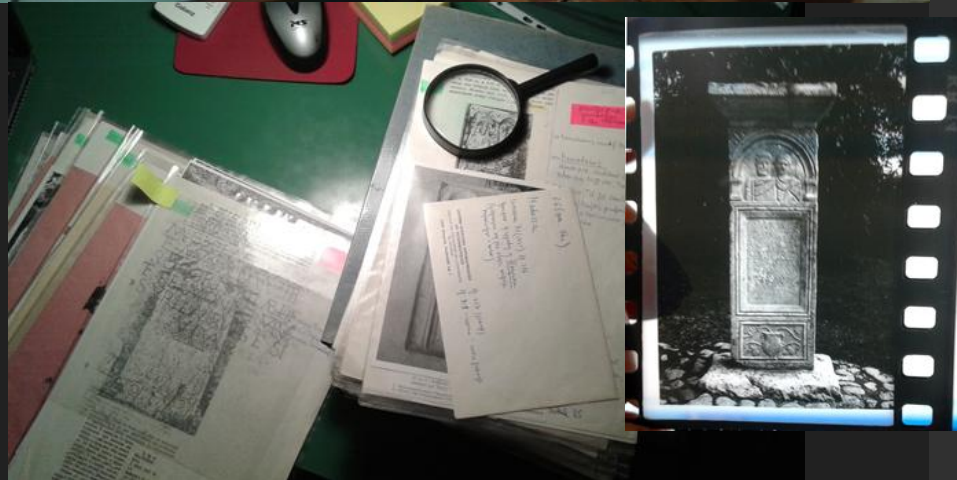


Digitizing and updating the existing epigraphic documentation and compiling new records, scanning photographs, films and publications, etc.

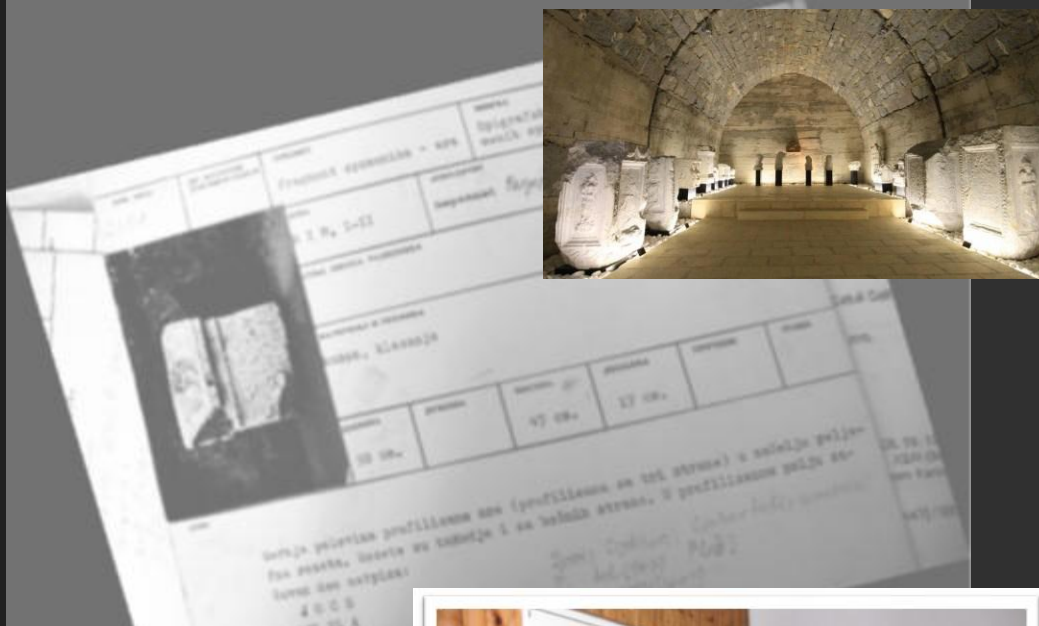




- Private archives of Petar Petrović (the author of two volumes of *IMS*)
- Documentation and photos of Svetlana Loma (material from eastern Dalmatia).
- Material in public domain.
- Cooperation with local museums and cultural institutions.
- Fieldwork







Cooperation with museums in Serbia

Narodni muzej u Beogradu

Muzej u Prijepolju

Narodni muzej Užice

Narodni muzej Valjevo

Muzej u Smederevu

Zavičajni muzej Knjaževac

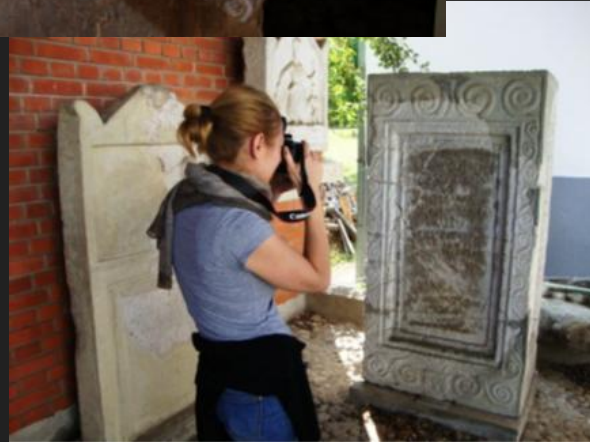
Narodni muzej Šabac

Muzej „Ras“ u Novom Pazaru

Centar za turizam, kulturu i sport Svrlijg

Muzej u Majdanpeku









Friendly help from local folks



Digital epigraphy - advanced steps in making a digital corpus:

Encoding inscriptions and metadata in EpiDoc TEI-XML and publishing them freely online

- Making available XML source files for interchange and reuse.
- Making available photographs of the inscriptions.
 - Licencing work with CC-BY-SA licence

EpiDoc



- **EpiDoc** – **Epi**graphic **Doc**ument is an international, collaborative effort that provides guidelines and tools for encoding scholarly and educational editions of ancient documents
 - **XML** - *Extensible Markup Language*, тј. прошириви мета-језик за кодирање текстуалних докумената који препоручује конзорцијум W3.
<http://www.w3.org/XML/>
 - **TEI** - *Text encoding initiative* is a consortium which collectively develops and maintains a standard for the representation of texts in digital form
www.tei-c.org



Why is EpiDoc TEI-XML perfectly convenient for editing ancient texts (especially epigraphic and papyrological)?



- independent language, optimized for compatibility, interchange, and durability.
- Semantic instead of renditional markup (embeds semantics and structure, not only appearance)
- Machine readable but also human readable codes. It can be processed, queried by a search engine, or translated into another markup or database system.
- XML tags consist of elements, attributes and their values
- Single output multiple outputs: XSLT (Extensible Stylesheet Language Transformation) renders typographic representations

Why is EpiDoc TEI-XML perfectly convenient for editing ancient texts (especially epigraphic and papyrological)?



- Gives larger audience
- Frees from restrictions of paper (Scale, media, hypertext)
- Speeds up re-release/update process
- Moves cost to different parts of process

Why is EpiDoc TEI-XML perfectly convenient for editing ancient texts (especially epigraphic and papyrological)?



Epigraphy **is** encoding

G. Bodard, *The Epigrapher as Encoder: The Future*

Leiden convention



An established set of rules, symbols, and brackets used to indicate the condition of an epigraphic or papyrological text in a modern edition

[abc]	– реконструисан текст
(abc)	разређење скраћеница <i>Imp(erator) Caes(ar)</i>
---	текст недостаје,
...	ако се може избројати колико слова недостаје
[[abc]]	Радиран текст / намерно обрисан
ab	Оштећена слова, делимично видљива; ван контекста неразумљива
ABC	видљива слова, али неразумљиво значење (епигр.)
†	<i>crux</i> , нејасна реч или место, која се не могу емендирати.
<abc>	
{abc}	Сувишан текст , урезан у антици
(sic!), (!)	када је нешто написано грешком, а жели се указати да није грешка издавача, већ да тако стоји у оригиналном тексту
vac.	vacat, празан простор у тексту, размак

Description	Leiden	EpiDoc XML Markup
Line/page breaks	abc / abc	<lb n="1"/>text of line <pb n="1"/>text of page
Clear text	abc	abc
Clear but incomprehensible letters	ABC	<orig>abc</orig>
Letters ambiguous outside of their context	αβγ	<unclear>αβ</unclear>
Vestiges of letters visible but illegible	+++	<gap reason="illegible" quantity="3" unit="character"/>
Text visible to previous editor, but now lost	<u>abc</u>	<supplied reason="undefined" evidence="previouseditor">αβγ</supplied>
Text restored by comparison with parallel copy		<supplied reason="undefined" evidence="parallel">αβγ</supplied>
Apices	á é í ó ú	<hi rend="apex">a</hi> etc.
Supralinear lines	ā b̄ c̄	<hi rend="supraline">abc</hi>
Claudian letters	γ, bs, ps, v	Unicode characters: ꝥ, ꝷ, ꝺ
Ligatured letters	ab̄	<hi rend="ligature">ab</hi>
Erased	[abc]	<del rend="erasure">αβ
Erased and lost	[[...]]	<del rend="erasure"><gap reason="lost" quantity="3" unit="character"/>
Text struck over erasure	《abc》	<add place="overstrike">αβγ</add>
Erased and overstruck or		<subst><del rend="erasure">αβ

How it works



- M AGRIPPA L F COS TERTIUM FECIT
- *M(arcus) Agrippa L(uci) f(ilius) co(n)s(ul) tertium fecit.*
- Лајденски „кодови“, заграде : *co(n)s(ul)*

- EpiDoc-XML кодови:

<expan>

<abbr>co</abbr>

<ex>n</ex>

<abbr>s</abbr>

<ex>ulis</ex>

</expan>



Оштећења, допуне, интервенције издавача



- Leiden: [...]
- EpiDoc: `<gap reason="lost" quantity="3" unit="character"/>`

Leiden: **Aug**(ustus)

EpiDoc:

```
<expan>  
  <abbr>Aug</abbr>  
  <ex>ustus</ex>  
</expan>
```

Words and lemmatisation



- `<w lemma="ἵστημι">ἔστηκα</w>`
- `<w lemmaRef="http://www.perseus.tufts.edu/hopper/morph?l=fero&la=la">tulist
i</w>`

COS > co(n)s(ul)

- `<w lemma="consul">
 <expan>
 <abbr>co</abbr>
 <ex>n</ex>
 <abbr>s</abbr>
 <ex>ul</ex>
 </expan>
</w>`

```
<s  
  <w lemma "timeo">      </w>  
  <w lemma "danaii"      </w>  
  <w lemma "et"> </w>  
  <w lemma "donum"        </w>  
  <w lemma "fero"         </w>  
</s>
```



GENIO
FRVGI
FERRO{A}
AVG
5 IVNVS
CRES
C[·]N·
[---]

```
<ab>
  <lb n="1" />
  Genio
  <lb n="2" />
  frugi
  <lb n="3" type="worddiv" />
  fero
  <sic >
    a
  </sic>
  <lb n="4" />
  <expan>
    <abbr>
      Aug
    </abbr>
  <ex>
    usti
  </ex>
</expan>
  <lb n="5" />
  Iunius
  <lb n="6" />
  Cres
  <lb n="7" type="worddiv" />
  c
  <supplied reason="lost" >
    e
  </supplied>
  n
  <unclear reason="" >
    s
  </unclear>
  <lb n="8" />
  <gap reason="lost" extent="1" unit="line" />
</ab>
```


EpiDoc RelaxNG schema

(version 9.1 is currently in the
release process)

By EpiDoc Community



The screenshot shows the EpiDoc project page on SourceForge. The page has a dark header with the SourceForge logo and navigation links. Below the header, there's a section for the project titled "EpiDoc: Epigraphic Documents in TEI XML". It includes a description: "XML text markup for ancient documents" and credits: "Brought to you by: gabrielbodard, hcayless, paregorios, sdigiulio". A sidebar on the left contains links like "Summary", "Files", "Reviews", "Support", "Code (SVN)", "Request Features", "Report Bugs", "Markup List", "Home", and "CVS (old - don't use)". The main content area has a "Home" section with a list of authors and a large image of an ancient inscription. Below the image, there's a paragraph describing EpiDoc as an international collaborative effort for encoding scholarly and educational editions of ancient documents. It mentions the Text Encoding Initiative's standard and the project's domain expansion to include the publication of papyri and manuscripts. The latest release is noted as "9.0 (December 2017)". A section titled "Core EpiDoc Components" lists three items: "EpiDoc Guidelines", "EpiDoc Schema", and "EpiDoc Reference Stylesheets".

SOURCEFORGE

Open Source Software Business Software Services Resources

Help Create Join

Search for software or search

Home / Browse / EpiDoc: Epigraphic Documents in TEI XML / Home

 **EpiDoc: Epigraphic Documents in TEI XML**
XML text markup for ancient documents
Brought to you by: [gabrielbodard](#), [hcayless](#), [paregorios](#), [sdigiulio](#)

Summary Files Reviews Support Code (SVN) Request Features Report Bugs Markup List **Home** CVS (old - don't use)

Search Home

Wiki Home

Browse Pages

Browse Labels

Formatting Help

Home

Authors: 

EpiDoc is an international, collaborative effort that provides guidelines and tools for encoding scholarly and educational editions of ancient documents. It uses a subset of the [Text Encoding Initiative's](#) standard for the representation of texts in digital form and was developed initially for the publication of digital editions of ancient inscriptions (e.g. [Inscriptions of Aphrodisias](#), [Vindolanda Tablets](#)). Its domain has expanded to include the publication of papyri and manuscripts (e.g. [Papyri.info](#)). It addresses not only the transcription and editorial treatment of texts themselves, but also the history and material objects on which the texts appear (i.e., manuscripts, monuments, tablets, papyri, and other text-bearing objects).

Latest Release of all EpiDoc code: 9.0 (December 2017)

Core EpiDoc Components

- [EpiDoc Guidelines](#): recommendations for markup of transcription, descriptive features, etc. ([About](#))
- [EpiDoc Schema](#): the TEI-derived schema against which EpiDoc XML should be validated
- [EpiDoc Reference Stylesheets](#): for transforming EpiDoc XML to HTML, text or ODF

EpiDoc Guidelines 9.0 <http://www.stoa.org/epidoc/gl/latest/index.html>

EpiDoc Guidelines 9.0

EpiDoc Guidelines: Ancient documents in TEI XML

(This page in [Bulgarian](#) | [Spanish](#) | [Italian](#))

EpiDoc is an international, collaborative effort that provides guidelines and tools for encoding scholarly and edited texts. The [EpiDoc Website](#) provides access to other tools and collaboration environments supported by the collaborating institutions.

EpiDoc specifies a subset of the Text Encoding Initiative's standard for the representation of texts in digital form. It addresses not only the transcription and editorial preparation of the texts themselves, but also the history, maintenance, and dissemination of the digital texts.

These *Guidelines* contain descriptions of the textual, descriptive, and other features expressed with EpiDoc, and full documentation, via a series of thematic indexes into the content of the *Guidelines*, rather than a single "table of contents".

Browse Guidelines

- [How to use the EpiDoc Guidelines](#) (bg) (de) (es) (fi) (fr) (it)
- [Overview of EpiDoc structure](#)
- [EpiDoc homepage on SourceForge](#)

Tables of contents by transcription style:

- [Text transcription and descriptive data following PETRAE](#)
- [Text transcription following DDDP](#)
- [Descriptive data following APIS](#)
- [Text transcription following Krummrey-Panciera 1980](#)
- [Text transcription following Panciera 1991](#)
- [Descriptive data following HGV](#)
- [Text transcription in Egyptology](#)
- [Text transcription following Oracc](#)
- [Text transcription following CEIPAC](#)

Thematic lists of guidelines pages:

- [Descriptive and historical data](#)
- [Text transcription](#)
- [Images and Figures](#)
- [Vocabularies and indexing terms](#)

Appendices

I. Praemonenda

1. (print diplomatic transcription if no photograph available)
Not applicable. A single EpiDoc-encoded edition can be used to generate both interpretive and diplomatic transcriptions.
2. (close square brackets at beginning and end of lines, unless in linear presentation)
Same recommendation applies to [\(supplied\)](#) elements in EpiDoc. (Not in Guidelines?)
3. (don't use italics or underline for notes in text)
Not applicable.
4. (don't add spacing between or around diacritical signs when within a word)
Same recommendation applies to EpiDoc. (Not in Guidelines?)
5. (not all combinations of diacritical notes have been given; just nest them)
Same applies to EpiDoc, but no specific guidance required.

II. Versuum paginarumque diuisio

1. [abc](#) [f⁵ abc](#)
[Lines and line breaks](#)
2. [abc](#) [// abc](#)
[Columns, fragments, sections, pages and other breaks](#)

III. Literae Communes

1. [abc](#)
[Clear text](#)
2. [ABC](#)
[Uninterpreted characters](#)
3. [aḅc](#)
[Ambiguous characters](#)
4. [+++](#)
[Illegible characters, quantity known](#)
5. [abc](#)
[Text visible to previous editor](#)

IV. Litterarum formae notabiliore

1. [á, ã, í, ò, ú](#)
[Accents](#)
2. [abc, V](#)
[Supralinear line, etc.](#)
3. [\(\(y\)\), \(\(bs\)\), \(\(ps\)\), \(\(v\)\)](#)
[Claudian letters](#)
4. [aḅ, abc](#)
[Ligatures](#)

V. Litterae erasae

1. [\[abc\]](#) aut [\[ABC\]](#) aut [\[aḅc\]](#)
[Erased but legible text](#)
2. [\[abc\]](#)
[Erased and illegible but restored](#)
3. [\[...\]](#) aut [\[⁶⁻⁸...\]](#) aut [\[\[-...\]\]](#)
[Erased and lost](#)

VI. Literae in litura scriptae

EpiDoc community: MarkUp list
hosted at Stoa.org
<https://lsv.uky.edu>








MARKUP Archives

October 2019

View: [Show Author](#) | [Hide Author](#)
[Show Table of Contents](#) | [Hide Table of Contents](#)

Table of Contents: [EpiDoc 9.1 Release - Development Snapshots Posted](#) (1 message)
[EpiDoc 9.1 Release - Notice of Schedule](#) (1 message)
[EpiDoc Release 9.1 last call for edits](#) (1 message)
[EpiDoc Release v9.1 Feature Freeze](#) (1 message)
[List of suggested @evidence values on origDate](#) (6 messages)
[Looking for digital editions of inscriptions which are not in Greek and Latin](#) (6 messages)
[Question about <rs> utilization](#) (2 messages)
[Referring to non-unique line numbers](#) (3 messages)
[Use of <trailer>](#) (10 messages)
[Use of @toWhom](#) (5 messages)

Subject ▲	From
 EpiDoc 9.1 Release - Development Snapshots Posted	
EpiDoc 9.1 Release - Development Snapshots Posted	Scott Vanderbilt
 EpiDoc 9.1 Release - Notice of Schedule	
EpiDoc 9.1 Release - Notice of Schedule	Scott Vanderbilt
 EpiDoc Release 9.1 last call for edits	
EpiDoc Release 9.1 last call for edits	=?UTF-8?B?TGF1cmEgTMO2c2Vy?=
 EpiDoc Release v9.1 Feature Freeze	
EpiDoc Release v9.1 Feature Freeze	Scott Vanderbilt
 List of suggested @evidence values on origDate	
List of suggested @evidence values on origDate	Scott Vanderbilt
Re: List of suggested @evidence values on origDate	John Bodel
Re: List of suggested @evidence values on origDate	Jonathan Prag
Re: List of suggested @evidence values on origDate	Gabriel Bodard

- TEI definition: [gap](#) ; EpiDoc-specific customization: [gap](#)

Where vestiges of characters remain, but they cannot be recognized, use `@reason` with a value of "illegible".

Panciera 1991 VIII.2; Sosin 2011: [...]

```
<gap reason="illegible" quantity="3"
  unit="character"/>
(Panciera)
```

```
<gap reason="illegible" quantity="1"
  unit="character"/>
```

Transformation using the example EpiDoc P5 stylesheets:

- **London style:** .

(IRT: [690](#))

```
<gap reason="illegible" quantity="2"
  unit="character"/>
```

Transformation using the example EpiDoc P5 stylesheets:

- **Duke Databank style:** . .

(DDbDP: [bgv.1.101](#))

Digital Epigraphy Serbia

Institute for Balkan Studies

Serbian Academy of Sciences and Arts

www.digitalepigraphyserbia.rs

Documentation for Epi-Doc XML Encoding

U ovom dokumentu ([koji je u fazi nastanka](#)) nalaziće projekatska dokumentacija za kodiranje natpisa koju ćemo koristiti u projektu. Za sada tu su samo primeri a sadržaj se povlači iz odgovarajućih polja u našim tabelama.

Glavni referentni dokument jeste [EpiDoc Guidelines 9.0](#)

Indeks TEI elemenata: <http://www.stoa.org/epidoc/gl/latest/app-elements.html>

Sadržaj:

Origin, date, provenance & autopsy

```
<history>
  <origin>
    <origPlace type="province" xml:lang="en">Dalmatia</origPlace>
    <origPlace type="province" xml:lang="sr">Далмација</origPlace>

    <origPlace type="ancient" xml:lang="en">Spilonum</origPlace>
    <origPlace type="ancient" xml:lang="sr">СПЛОНУМ</origPlace>

    <origDate>Date of origin</origDate>
  </origin>
```

Provenance

Primer

```
<provenance type="found">
  <seg xml:lang="en">
    <placeName type="ancientFindspot" ref="findspot.xml#kolovrat">Kolovrat</placeName>
    <rs type="context">Discovered in the yard of the textile factory "Ljubiša Miodragović" during
the archaeological excavation of the Roman necropolis.</rs>
    <rs type="circumstances"><date type="found">1981</date></rs></seg>
  <seg xml:lang="sr">
```


Encoding description

<http://www.stoa.org/epidoc/gl/latest>

Offline zipped version:

<https://sourceforge.net/projects/epidoc/files/Guidelines/guidelines-html-9.0.zip/download>

Dolazi iza </filedescription>

Copy&paste :

```
<encodingDesc>
<p>Marked-up according to the EpiDoc Guidelines version 9.0 in <date>2018</date></p>
</encodingDesc>
```

Revision description:

Upisuju se promene napravljene u fajlu:

Primer:

```
<revisionDesc>
  <change when="2018-11-10" who="DN"> edited metadata, encoded edition,
apparatus </change>
  <change when="2018-11-27" who="KB">encoded metadata</change>
</revisionDesc>
```

Physical description / Opis spomenika

```

<sourceDesc><p></p></sourceDesc>
</fileDesc>
<teiHeader>
<xt>
<body>
  <listOrg>
    <org xml:id="muzej_užice">
      <orgName xml:lang="en">National museum Užice</orgName>
      <placeName xml:lang="en">Užice</placeName>
      <orgName xml:lang="sr">Народни музеј Ужице</orgName>
      <placeName xml:lang="sr">Ужице</placeName>
    </org>
    <org xml:id="muzej_prijepolje">
      <orgName xml:lang="en">Museum in Prijepolje</orgName>
      <placeName xml:lang="en">~Prijepolje</placeName>
      <orgName xml:lang="sr">Музеј у Пријеполју</orgName>
      <placeName xml:lang="sr">Пријеполје</placeName>
    </org>
    <org xml:id="kc_arilje">
      <orgName xml:lang="en">Galery of the Cultural centre Arilje</orgName>
      <placeName xml:lang="en">Arilje</placeName>
      <orgName xml:lang="sr">Галерија Културног центра Ариље</orgName>
      <placeName xml:lang="sr">Ариље</placeName>
    </org>
    <org xml:id="bela_crkva_lapidarij">
      <orgName xml:lang="en">Lapidarium in the Bela Crkva churchyard</orgName>
      <placeName xml:lang="en">Bela Crkva</placeName>
      <orgName xml:lang="sr">Лепидариј у црквеном дворишту у Белој Цркви</orgName>
      <placeName xml:lang="sr">Бела Црква</placeName>
    </org>
    <org xml:id="narodni_muzej_beograd">

```

Authority lists

Names (attested persons, deities, emperors, ancient toponyms)

Finding Places

Preservation

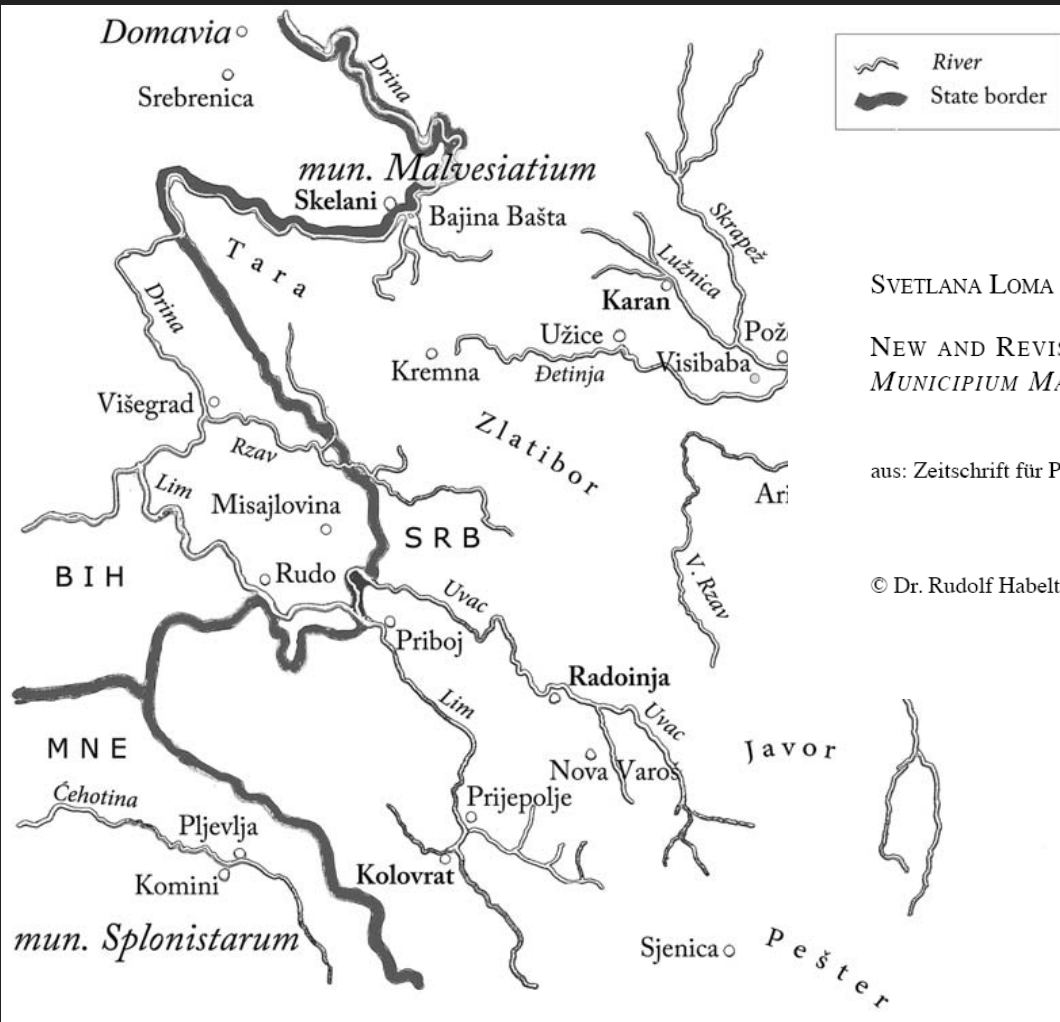
Bibliography

TEI text body div listApp app

```

80     </sourceDesc>
81 </fileDesc>
82 <iHeader>
83 <simile>
84 <graphic url="photograph of text or monument"/>
85 </simile>
86 <t>
87 <body>
88     <div type="edition" xml:space="preserve">
89         <ab>
90 <lb n="1"/> <expan><abbr>D</abbr><ex>is</ex></expan><expan> <abbr>M</abbr><ex>anibus</ex></expan> <w><expan><abbr>s</abbr><ex>acrum</ex><
91 <lb n="2"/><expan><abbr>P</abbr><ex>ublio</ex></expan><expan><abbr> Ael</abbr><ex>io</ex></expan> Pladome
92 <lb n="3" break="no"/><supplied reason="lost">no</supplied> Carvanio <expan><abbr>an</abbr><ex>norum</ex> </expan><gap reason="lost" quan
93 <lb n="4"/> <rs><supplied reason="lost"><expan><abbr>praef</abbr><ex>ecto</ex></expan></supplied> civitatum
94 <lb n="5"/> <gap reason="lost" quantity="4" unit="character"/>m</rs> <rs type="official"><expan><abbr>praef</abbr><ex>ecto</ex></expan>
95 <lb n="6"/> <expan><abbr>i</abbr><ex>ure</ex></expan> <expan><abbr>d</abbr><ex>icundo</ex></expan></rs> <expan><abbr>mun</abbr><ex>icipii
96 <lb n="7"/> <supplied reason="lost"> <w>et</w> </supplied> Aelia<supplied reason="lost">e</supplied> Pantoni <w lemma="coniux">con
97 <lb n="8" break="no"/><supplied reason="lost">iu</supplied>gi</w> <w>eius</w> <w lemma="vividus">viva</w><supplied reason="omitted">e</supp
98 <lb n="9"/> <w lemma="pius">pientissimis</w> Ael<corr>i</corr>
99 <lb n="10"/> Titus Lupus et Firmi
100 <lb n="11" break="no"/>nus <w><expan><abbr>h</abbr><ex>eredes</ex></expan></w> <w><expan><abbr>p</abbr><ex>onendum</ex></expan></w> <w><e
101 <lb n="12"/><w><expan><abbr>h</abbr><ex>ic</ex></expan></w> <w><expan><abbr>s</abbr><ex>itus</ex></expan></w> <w><corr><expan><abbr>e</abbr></ab
102     </ab>
103

```



SVETLANA LOMA – DRAGANA GRBIĆ NIKOLIĆ

NEW AND REVISED INSCRIPTIONS FROM DALMATIA:
MUNICIPIUM MALVESIATUM AND *MUNICIPIUM SPLONISTARUM*

aus: Zeitschrift für Papyrologie und Epigraphik 207 (2018) 278–288

© Dr. Rudolf Habelt GmbH, Bonn

For encoding:



Oxygen XML Editor

version 20.1

Loading application...

© 2002-2018 SyncRO Soft SRL. All rights reserved.

<oXygen/> is a trademark of SyncRO Soft SRL, registered in the U.S. and other countries.

schematron
Structured
editing
XML
review
XQuery
Publish
PDF
WebDAV
oxygen
authoring
XML Editor
Single
Source
Datab
XHTML
Cha
Col
js
KML
XSLT
SVN
JSON
SVG
IDREFS
WebDAV
DTD DocBook
XSD SCHXSD
XPR RNC PO
frameworks
Profiling
WSDL
styles
VISUAL
DITA
TEI

For visualisation, indexing
& searching we use an open
software:

EFES - EpiDoc Front-End Services

<https://github.com/EpiDoc/EFES>

“EFES is a delivery, search and
browse platform that can be set up
and customized for an individual
EpiDoc XML-based project with
only minimal training and technical
skill on the part of a project team.

... based on existing tools (e.g. [Kiln](#);
[EpiDoc XSLT](#); [IOSPE](#); [Papyri.info](#))
and input from scholars involved in
some of the leading digital
epigraphy projects from Europe and
USA. ”

Open Software: EFES - EpiDoc Front-End Services

<https://github.com/EpiDoc/EFES>

Created by:

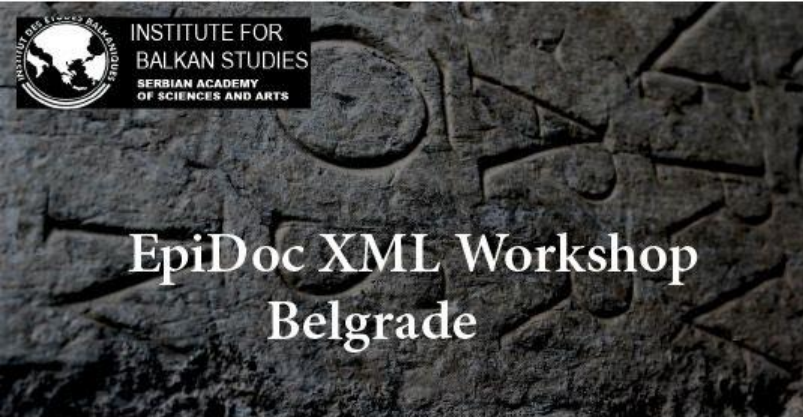
Gabriel Bodard (Reader in Digital Classics, Institute of Classical Studies, University of London), PI

Jamie Norrish (Wellington, New Zealand, author of the Kiln platform): developer

Polina Yordanova (Sofia, Bulgaria/Institute of Classical Studies): design, specification, training, and user documentation

Simona Stoyanova (Institute of Classical Studies/Inscriptions of Roman Cyrenaica): training and documentation

EFES-EpiDoc week-long Workshop in Institute for Balkan Studies in September 2018



Institute for Balkan Studies
Serbian Academy of Sciences and Arts

17-20 September 2018

Instructors:

Gabriel Bodard (Institute of Classical Studies, University of London)

Elina Boeva (St. Kliment Ohridski University of Sofia)

Dimitar Iliev (St. Kliment Ohridski University of Sofia)

Simona Stoyanova (King's College London)



Ministry of Culture and Information
of the Republic of Serbia



DIGITAL EPIGRAPHY SERBIA

EpiDoc XML archive

Online browsing of the archive is being prepared and will be available soon. On this page you can download the EpiDoc XML archive of inscriptions that the project team has encoded so far, and browse & search the inscriptions and view photographs thanks to the EFES platform (EpiDoc Front-End Services). It is a custom and readily customizable platform for publication and search/indexing of EpiDoc files with only minimal training and technical skill on the part of a project team, developed by a [group of experts in EpiDoc](#).



More about EFES platform: <https://github.com/EpiDoc/EFES/wiki>

The instructions for starting the application (in Serbian) is available [here](#)

General instructions for EFES: <https://github.com/EpiDoc/EFES/wiki/User-Guide>

Code repository: <https://github.com/EpiDoc/EFES>

Two epigraphic corpora encoded in EpiDoc have been made available at the project website for free download and offline browsing through free software EFES

The work is published under



Digital Epigraphy Serbia

The project EpiDoc XML Encoding of Roman Inscriptions from Serbia: Digitization of Ancient Epigraphic Heritage carried out by the [Institute for Balkan Studies](#) of the Serbian Academy of Sciences and Arts and funded by the Ministry of Culture and Information of the Republic of Serbia focuses on research, training, digital documenting and digital edition of Roman inscriptions from the territory of Serbia (the Roman province of Upper Moesia and parts of Lower Pannonia, Dalmatia and Thrace). The project's primary aim is to form a national e-archive of inscriptions that will be encoded in EpiDoc TEI-XML format. This collection of digital corpora will represent a completely new epigraphic edition that is furthermore born-digital and ready for interchange.

The project website: <http://digitalepigraphyserbia.rs>

Browse the Inscriptions

To browse the inscriptions go to [Inscriptions](#).

Content

Currently, the encoded material available in this package includes the inscriptions from the territories of municipium Spilonum and municipium Malvesiatium that lie in Serbia.

EFES platform

The project uses the EpiDoc Front-End Services (EFES) platform for browsing and indexing the encoded inscriptions. EFES is a free, easy to use, highly customisable platform for the online publication of ancient texts in EpiDoc XML. It is developed in 2017-2018 by the team of experts (Gabriel Bodard, Jamie Norrish, Polina Yordanova, Simona Stoyanova) The documentation and User Guide for EFES can be found on the project's

Browsing

Inscriptions

There are some [indices of various facets of inscription data](#) available.

The source EpiDoc XML for all of the listed inscriptions are available in a [ZIP archive](#).

Filename	ID	Title	Editor
municipium Malvesiatium/MAL001	MAL001	MAL001	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL002	MAL002	MAL002	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL003	MAL003	MAL003	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL004	MAL004	MAL004	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL005	MAL005	MAL005	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL006	MAL006	MAL006	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL007	MAL007	MAL007	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL008	MAL008	MAL 008	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL009	MAL009	MAL009	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL010	MAL010	MAL010	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL011	MAL011	MAL011	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL012	MAL012	MAL012	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL013	MAL013	MAL013	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL014	MAL014	MAL014	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL015	MAL015	MAL015	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL016	MAL016	MAL016	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL017	MAL017	MAL017	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL018	MAL018	MAL018	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL019	MAL019	MAL019	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL020	MAL020	MAL020	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL021	MAL021	MAL021	Svetlana Loma Светлана Лома
municipium Malvesiatium/MAL022	MAL022	MAL022	Svetlana Loma Светлана Лома

Documents

[Index all \(search\)](#)[Harvest all \(RDF\)](#)

TEI

[File](#) [Reports](#) [Search](#) [RDF](#) [View](#)

Epidoc

File	Reports	Search	RDF	View
municipium Mahvesiatium/MAL001.xml		Index		View
municipium Mahvesiatium/MAL002.xml		Index		View
municipium Mahvesiatium/MAL003.xml		Index		View
municipium Mahvesiatium/MAL004.xml		Index		View
municipium Mahvesiatium/MAL005.xml		Index		View
municipium Mahvesiatium/MAL006.xml		Index		View
municipium Mahvesiatium/MAL007.xml		Index		View
municipium Mahvesiatium/MAL008.xml		Index		View
municipium Mahvesiatium/MAL009.xml		Index		View
municipium Mahvesiatium/MAL010.xml		Index		View
municipium Mahvesiatium/MAL011.xml		Index		View
municipium Mahvesiatium/MAL012.xml		Index		View
municipium Mahvesiatium/MAL013.xml		Index		View
municipium Mahvesiatium/MAL014.xml		Index		View
municipium Mahvesiatium/MAL015.xml		Index		View

MAL020

Monument

Type of monument	Жртвеник
Material	Кречњак
Description and condition	Not specified
Find place	Дражиновићи
Find circumstances	Unknown
Find context	Unknown
Modern location	Виђен 2015. подине.
Dimensions	H. 59, W. 32, Th. 23
Institution and inventory	Народни музеј, Ужице, NMU 2352

Inscribed field

Placement of text	Димензије натписног поља: в. 19 cm, ш. 26 cm.
Style of lettering	Letterheights 3-2.5 cm.

Text

Origin	Malvesiatum
Province	Далмација
Category	Вотивни натпис
Date	Dating criteria n/a
Editions	

bibliography

Interpretive

Diplomatic

In(victo) D(eo) O(mnipotenti)(?)
 Grudius
 (?) Super
 lib(entis) pos(uerunt).

Apparatus

1: O(mnipotenti)(?) HD071851 (ILJug 355, CIMRM 1468, fig. 373) O(gmio)(?) Sergejevski; O(ptimo) ILJug

MAL004

Monument

Type of monument	Altar
Material	Limestone
Description and condition	Capital decorated with rosettes and acroteria.
Find place	Virovo
Find circumstances	Unknown
Find context	Unknown
Modern location	The monument is located in the Virovo village cemetery. Seen by Svetlana Loma in 2016.
Dimensions	H. 130,W. 45,Th. 45
Institution and inventory	Virovo Cemetery no inv. no.

Inscribed field


Placement of text	Moulded inscription field. Dimensions: h. 35 cm, w. 28 cm. Letters: Good lettering. 5 cm. 4 hadera. Triangular punctuation.
-------------------	---

Text

Origin	Municipium Malvestium
Province	Dalmatia
Category	Votive inscription
Date	Date of origin
Dating criteria	n/a
Editions	

bibliography

Loma – Gros-Nicolas 2018, 282, no. 2, fig. 4a-b.
https://www.zotero.org/groups/370316/digital_epigraphy_in_serbia/items/collectionKey/UBRQZS9N

Interpretive	Diplomatic
5	<p>Mars C(- - -) s(acrum) T(ibus) Aurel(ius) Marcus vet(eranus) ((hedera)) cum suis l(ibens) p(osuit).</p> <p>Apperatus 1: C(- - -) : C(ampestr) or; C(ampestrin) Translation translation(s) Commentary commentary</p> <p>Images</p> 

Monument

Type of monument	Altar
Material	Limestone
Description and condition	Capital decorated with rosettas and acroteria.
Find place	Virovo
Find circumstances	Unknown
Find context	Unknown
Modern location	The mounument is located in the Virovo village cemetary. Seen by Svetlana Loma in 2016.
Dimensions	H. 130,W. 45,Th. 45
Institution and inventory	Virovo Cemetary no inv. no.

Inscribed field

Placement of text	Moulded inscription field. Dimensions: h. 35 cm, w. 28 cm.
	Letters: Good lettering. 5 cm. 4 hedera. Triangular punctuation.

Text

Origin	Municipium Malvesiatium
Province	Dalmatia
Category	Votive inscription
Date	Date of origin
Dating criteria	n/a
Editions	

bibliography

Loma – Grbić-Nikolić 2018, 282, no. 2, fig. 4a-b.

https://www.zotero.org/groups/370316/digital_epigraphy_in_serbia/items/collectionKey/U8R52S5N

Inter

translation(s)

Commentary

commentary

Images



i) or; C(ampestri)

Creative Commons Attribution NonCommercial ShareAlike 4.0 International Licence

Full EpiDoc XML

Interpretive

Diplomatic

Marti C(- - -) s(acrum)

T(itus) Aurel(ius)

Marcus

vet(eranus) ((hedera)) cum

suis l(ibens) p(osuit).

5

Apparatus

1: C(- - -) : C(ampestri) or; C(ampestri)

Translation

translation(s)

Commentary

commentary

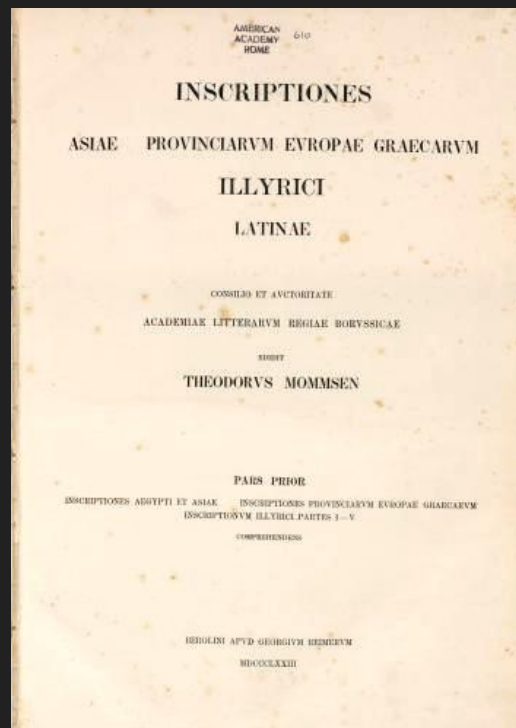
Images



```
- <ab>
  <lb n="1"/>
  Marti
  <abbr>C</abbr>
- <w>
  - <expan>
    <abbr>s</abbr>
    <ex>acrum</ex>
  </expan>
</w>
<lb n="2"/>
- <expan>
  <abbr>T</abbr>
  <ex>itus</ex>
</expan>
- <expan>
  <abbr>Aurel</abbr>
  <ex>ius</ex>
</expan>
<lb n="3"/>
Marcus
<lb n="4"/>
- <rs>
  - <expan>
    <abbr>vet</abbr>
    <ex>eranus</ex>
  </expan>
</rs>
<g type="hedera"/>
<w>cum</w>
<lb n="5"/>
<w>suis</w>
- <w>
  - <expan>
    <abbr>l</abbr>
    <ex>ibens</ex>
  </expan>
</w>
<w>
  - <expan>
    <abbr>p</abbr>
    <ex>osuit</ex>
  </expan>
</w>
</ab>
</div>
- <div type="apparatus">
  - <listApp>
    - <app loc="1">
      - <lem>
        <abbr>C</abbr>
      </lem>
      - <rdg>
        - <expan>
          <abbr>C</abbr>
          <ex>ampestri</ex>
        </expan>
      </rdg>
      <note>or</note>
      - <rdg>
        - <expan>
          <abbr>C</abbr>
          <ex>ampestri</ex>
        </expan>
      </rdg>
    </app>
  </listApp>
</div>
```

Extras:

- Bibliographies
- Documentation,
- Links to open sources
- TEI bibliographies generated through



	Dizionario epigrafico di antichità romane by Ettore de Ruggiero C-E	https://archive.org/stream/dizionarioepigr02rugggoog
	Latin epigraphy : an introduction to the s by Sandys, John Edwin	https://archive.org/stream/cu31924029785759
ILS	Inscriptiones latinae selectae	https://archive.org/details/inscriptionesla00unkngoog
	Inscriptiones latinae selectae, Dessau, I	https://archive.org/details/inscriptioneslat21dessuoft
	Inscriptiones latinae selectae 2.2.	https://archive.org/details/inscriptionesla01dessgoog
	Inscriptiones latinae selectae III	https://archive.org/details/inscriptioneslat03dessuoft
	Corpus Inscriptionum Latinarum Inscripti	https://archive.org/details/bub_gb_o83oScszzJsC
JCEAI	Jahreshefte 3	https://archive.org/stream/jahresheftedes03oste
	Jahreshefte 4	https://archive.org/stream/jahresheftedes04oste
	Jahreshefte 6	https://archive.org/stream/jahresheftedes06oste
	Jahreshefte 7	https://archive.org/stream/jahresheftedes07stuoft
	Jahreshefte 8	https://archive.org/stream/jahresheftedes08oste
	Jahreshefte 13	https://archive.org/stream/jahresheftedes13stuoft
	Jahreshefte 12	https://archive.org/stream/jahresheftedes12stuoft
	Jahreshefte 15	https://archive.org/stream/jahresheftedes15stuoft
	CIL (Užice, Negrišori	http://arachne.uni-koeln.de/item/buchseite/886836
	CIL Municipium Malvesiatium od 8338-8	http://arachne.uni-koeln.de/item/buchseite/886837
	CIL Municipium Splonistarum . 1708 (63 6345 = 831 I. 6346 = 8313. 6347 = 8314	

Systematic collection
of photos on the
internet by
enthusiasts, tourists,
locals, random posts

Felix Romuliana

<https://www.flickr.com/photos/isawnyu/5446208959/sizes/l>
<https://www.flickr.com/photos/isawnyu/5446818060/sizes/l>

Tabula Traiana

http://commons.wikimedia.org/wiki/File:RC174-Tabula_Traiana.JPG
<https://www.flickr.com/photos/35240543@N02/14961252320/sizes/l>
<https://www.flickr.com/photos/sigridandalex/2975177928/sizes/l>
<https://www.flickr.com/photos/81614456@N06/14926364723/sizes/l>
<https://www.flickr.com/photos/94365623@N03/12936670144/sizes/l>
<https://www.flickr.com/photos/lhrq/6013982592/sizes/l>
<https://www.flickr.com/photos/23642789@N04/3802617222/sizes/o/>

Ravna

<https://www.flickr.com/photos/54679325@N00/4573496293/in/photolist-TY9n7n>

Bela Palanka

http://commons.wikimedia.org/wiki/File:Bela_Palanka_Sept_Sev.jpg

Mediana

<https://www.flickr.com/photos/22338126@N02/3641273349/sizes/l>

Singidinum

<https://www.flickr.com/photos/chrisww/2700134687/sizes/l>
<https://www.flickr.com/photos/utnapistin/2532124656/sizes/o/>
<https://www.flickr.com/photos/utnapistin/2532123788/sizes/o/>
<https://www.flickr.com/photos/97881625@N07/15880618537/sizes/l>
<https://www.flickr.com/photos/lrvaas/1922417479/sizes/o/>

Naissus

<https://www.flickr.com/photos/123270004@N07/14900229315/sizes/o/>
<https://www.flickr.com/photos/20923094@N04/2556484099/sizes/l>
<https://www.flickr.com/photos/20923094@N04/2557308382/sizes/l>
<https://www.flickr.com/photos/20923094@N04/2557307456/sizes/l>
<https://www.flickr.com/photos/20923094@N04/2557306572/sizes/l>
<https://www.flickr.com/photos/20923094@N04/2556480287/sizes/l>
<https://www.flickr.com/photos/20923094@N04/2557304718/sizes/l>
<https://www.flickr.com/photos/istanbulianb/16616071349/sizes/l>
<https://www.flickr.com/photos/istanbulianb/16801069611/sizes/l>
<https://www.flickr.com/photos/istanbulianb/16776320686/sizes/l>
<https://www.flickr.com/photos/istanbulianb/16776328746/sizes/l>
<https://www.flickr.com/photos/istanbulianb/16802177665/sizes/l>

Collection and systematisation of online resources

Linked open data resources

Jahreshefte des Österreichischen Archäologischen Institutes in Wien

Added By	DraganaG
Item Type	Book
Title	Jahreshefte des Österreichischen Archäologischen Institutes in Wien
Short Title	JÖAI (Beibl.)

URL

Tags

Notes and Attachments

 [Jahreshefte 3](#)

LIMC						
Present loc.	Mesto nalaza					
	Dimitrovgrad	Petrović, P., "Nouvelles inscriptions de la nécropole de Dimitrovgrad"	http://www.limc-france.fr/objet/7126			
NIŠ	Dimitrovgrad	Petrović, P., Niš: δειπναριον	http://www.limc-france.fr/objet/7168	7168		
	Viminacium		http://www.limc-france.fr/objet/7168		Tyche / Fortuna	
	Viminacium	IMS 2, 167; Vulturnum: D(is) M(anibus) /	http://www.limc-france.fr/objet/7190	7190	Triton	
Beograd?	Viminacium	IMS 2, 036; D(eae) R(eginae),	http://www.limc-france.fr/objet/6812		Nemesis 160b	
Belgrade [Serbia]	Viminacium	IMS 2, 014; Cocceius Cassius	http://www.limc-france.fr/objet/6813		Herakles / Hercules	
	Viminacium	IMS 2, 008; Genio	http://www.limc-france.fr/objet/7168		Tyche / Fortuna	
Beograd	Singidunum	Ael(ius) Valentinus	http://www.limc-france.fr/objet/6998		Mithras	
Beograd Musée	Buljesovce		http://www.limc-france.fr/objet/7014		bull ; snake	
					Heros equitans 477*	
	Paraćin	MS 4, 092; Foto CIL 03, 14555. CCET 5, 010; pl. G. Seure, Starina: M(arcus) Aur(elius)	http://www.limc-france.fr/objet/7016		Heros equitans 588*	

[Parent item](#)

Creator DraganaG

Title Jahreshefte 3

Note

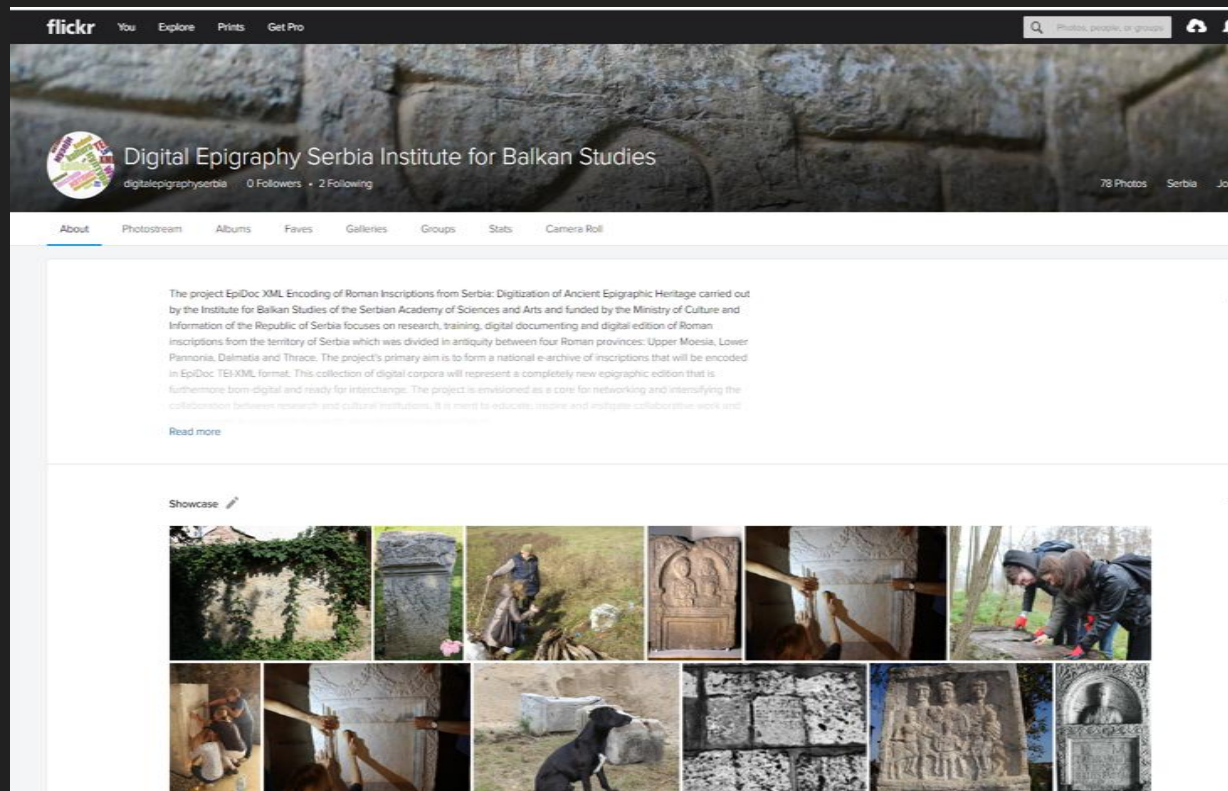
Jahreshefte 3 <https://archive.org/stream/jahresheftedes>
 Jahreshefte 4 <https://archive.org/stream/jahresheftedes>
 Jahreshefte 6 <https://archive.org/stream/jahresheftedes>
 Jahreshefte 7 <https://archive.org/stream/jahresheftedes>
 Jahreshefte 8 <https://archive.org/stream/jahresheftedes>
 Jahreshefte 13 <https://archive.org/stream/jahresheftedes>
 Jahreshefte

Tags

<https://www.flickr.com>

Digital Epigraphy Serbia Institute
for Balkan Studies

flickr



Thank you for your attention!