



An introduction to EVT - Edition Visualization Technology

Roberto Rosselli Del Turco
Dipartimento di Studi Umanistici
Università di Torino
roberto.rosselidelturco@unito.it

EVT Home: <http://evt.labcd.unipi.it/>
EVT GitHub: <https://github.com/evt-project>

DISH: <https://www.dish.unito.it/>



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The EVT project - Edition Visualization Technology

- EVT ([home page](#)) was born as the browser component of the Digital Vercelli Book edition project
 - the software tools then available were too limited or complicated, or proprietary, or tied to a specific OS, or a mix of all these things
- basic needs:
 - a viewer for ms images with TEI diplomatic transcription, image-text linking, two edition levels, text search
 - simple to use and deploy, Web standards-compliant
- designed from the start to be a modular tool, so that it could evolve in a general purpose tool useful for other projects
- this has proved to be a good idea since new features have been implemented thanks to many collaborations



EVT main features

- distributed as **open source** software: you're free to use and modify it
- aiming at covering the most common needs for TEI XML-based editions
 - digital facsimile
 - diplomatic / interpretative edition together with manuscript scans
 - critical edition
- rich functionality
 - image zoom, miniature navigation, manuscript quire structure etc.
 - text search, named entities support, lists of specific elements etc.
- using Web standards (HTML 5, CSS, JavaScript) for **long term access**
- **modular design** to increase ease of adding / modifying features
 - a *prêt-a-porter* tool, but highly **flexible** and **configurable**



User-friendly by design

- easy to use for the editor:
 - conceptual **separation** between data and software: you work on the encoding without having to worry about the viewer
 - **configurable layout**: the editor decides which functionality will be visible and available in the published edition
 - **automatic operation**: once configured and data is in the appropriate folders, EVT produces the Web edition automatically
 - **client only**: no need to install (and maintain!) server side software, just copy the EVT folder on the Web and the edition is ready
- easy to use for the reader:
 - **clean layout**, effective handling of the available screen space
 - **easy navigation** by means of the available views



Current development status

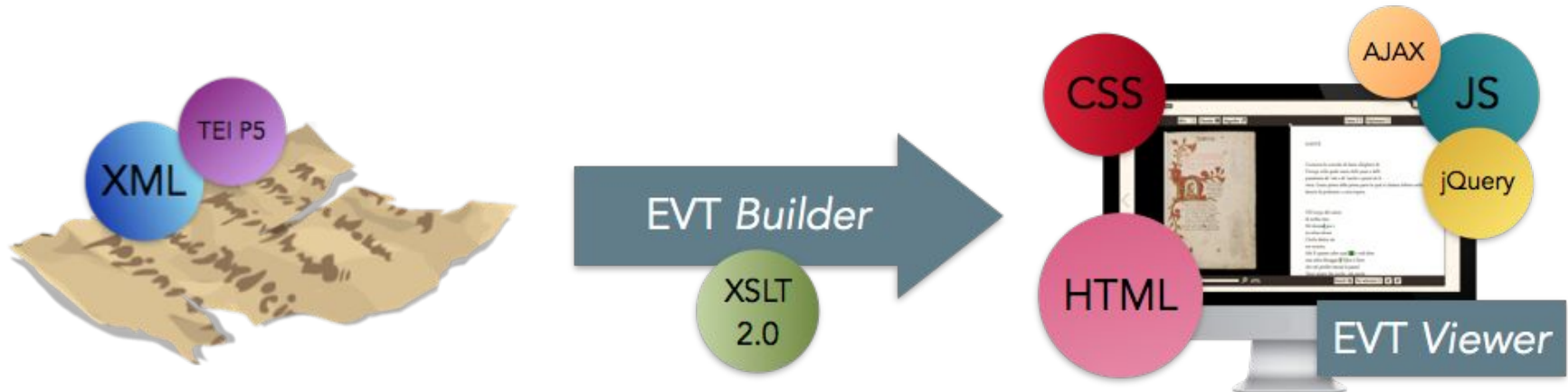
- over time (2013 → 2025) three version of EVT have been developed:
 - **EVT 1:** diplomatic editions (or single witness critical editions) support, based on XSLT 2 and web technologies [2013 → December 2019 final EVT 1.3 version published]
 - **EVT 2:** a complete “reboot” of the source code based on the MVC design pattern and on the **AngularJS** framework [beta 2 published June 2020]
 - **EVT 3:** new version based on the **Angular** framework [first beta released October 2024]
- why rewriting the source code periodically? we do not want to, but:
 - the initial XSLT 2-based framework was only suitable for the basic needs of a digital facsimile with corresponding diplomatic / interpretative edition → code rewrite
 - the move from AngularJS to Angular was dictated by Google → code migration
 - we need flexibility but also long term maintenance, therefore a suitable development framework: the MVC design pattern is perfect under this regard

EVT 1: the initial version

EVT 1: based on an XSLT 2 framework



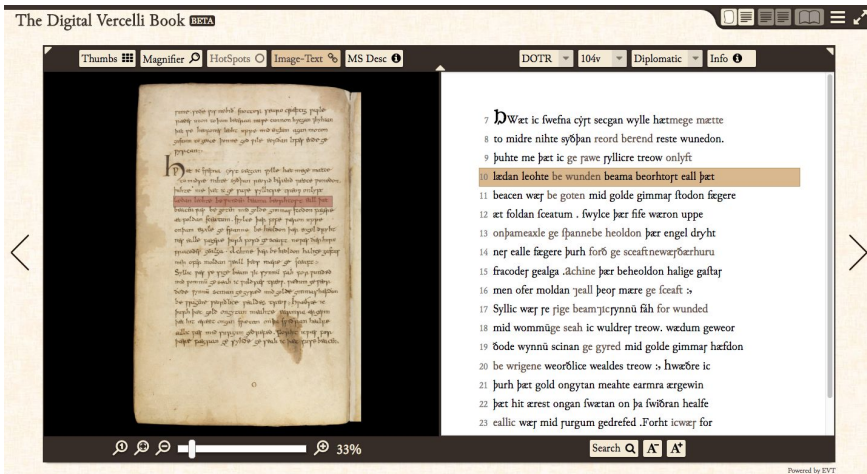
- Two main units:
 - EVT **Builder**: chain of XSLT 2.0 transformations
 - EVT **Viewer**: web application (HTML, CSS etc.) to visualize in a browser the results of the transformations as a Web edition



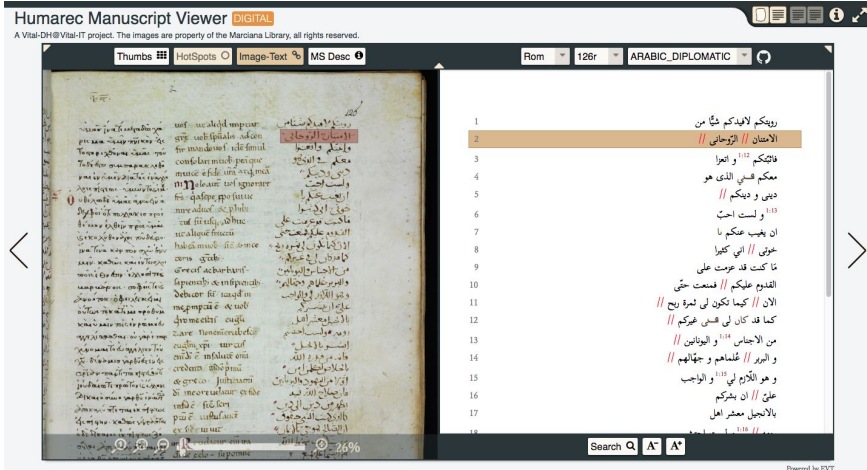


Main features

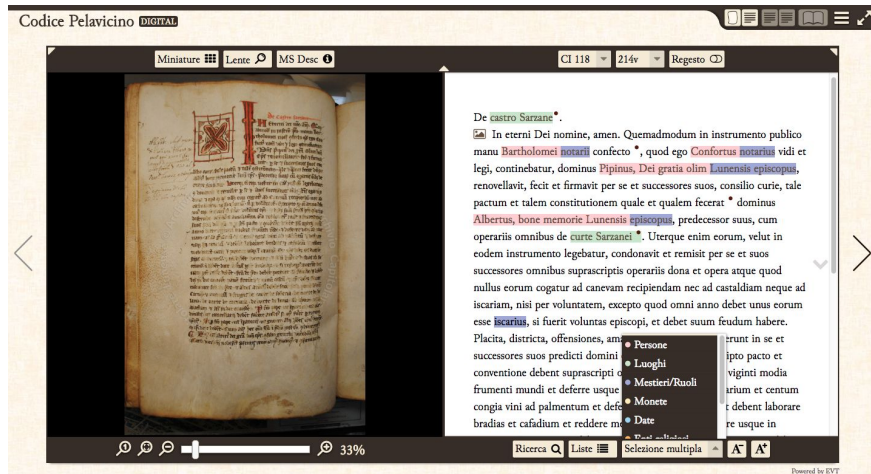
- Support for diplomatic and/or interpretative editions (TEI *Transcription of Primary Sources* module)
 - multiple edition levels
 - handling of special characters (TEI *Gaiji* module)
 - text-image linking (hotspot, line-to-line thanks to the TEI digital facsimile)
 - prefatory matter (support for <msDesc>)
 - internal search engine with support for special characters
 - named entities
- More features added in the final version (v. 1.3):
 - translations
 - verses displayed as prose
 - visualization of the fascicular structure of the manuscript thanks to [VisColl](#)



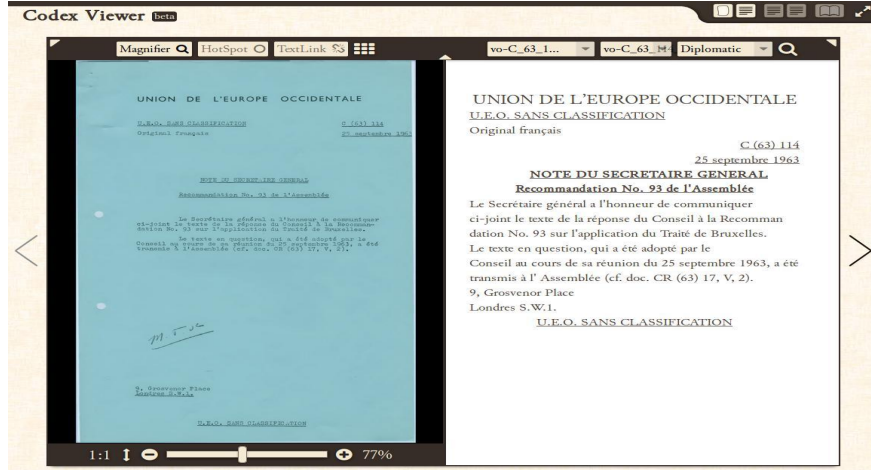
Digital Vercelli Book



Tarsian / HumaRec



Codice Pelavicino Digitale



CVCE



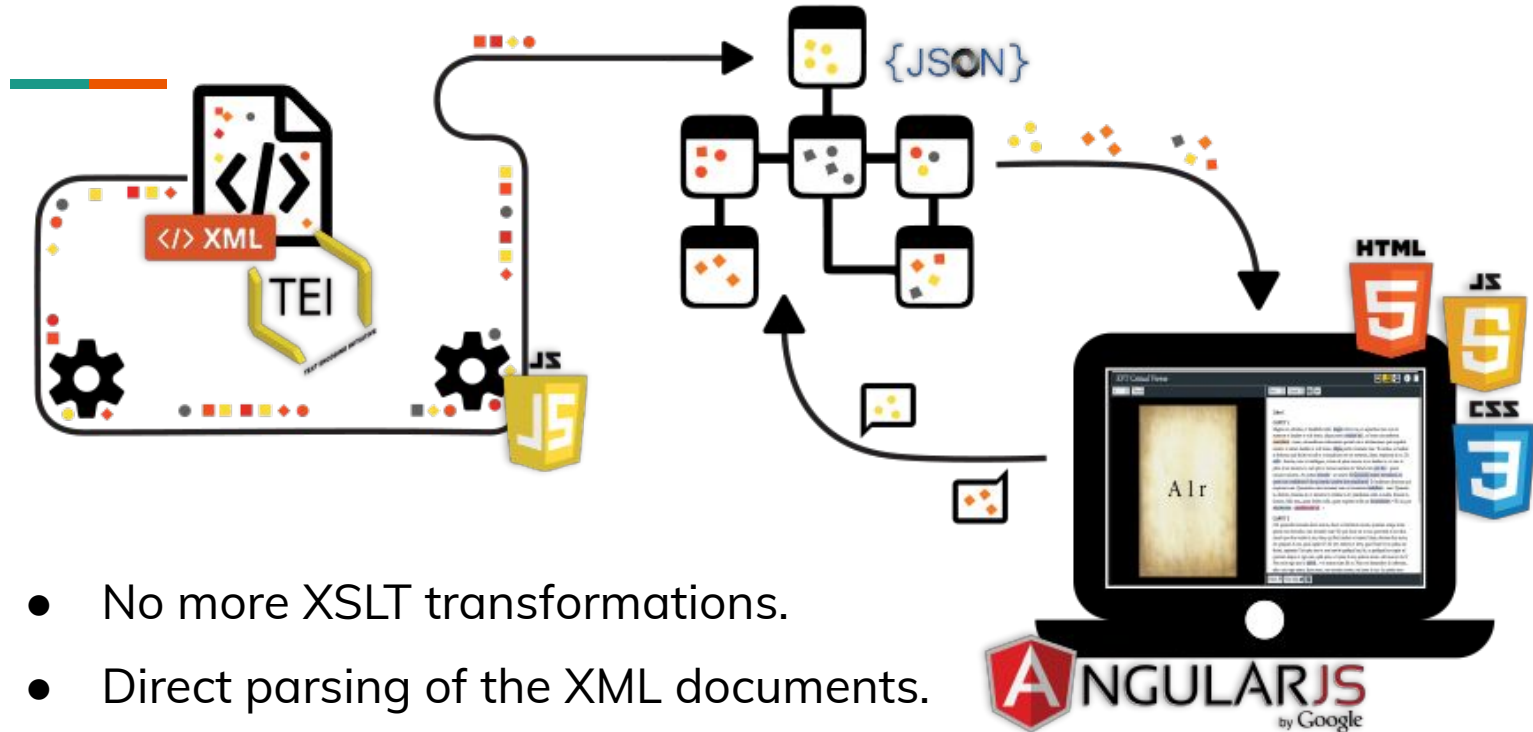
Development problems

- just when we were going to design the support for critical editions we noticed that the existing development framework was unfit to implement this important functionality
 - the XSLT 2 code base had increased remarkably, becoming complicated and difficult to edit, especially for newcomers
 - the number of UI elements had likewise increased, so that the general layout of the application had become difficult to configure and handle
 - adding new modules was going to put at risk the stability of the tool
 - researchers with advanced programming skills in XSLT 2 development are hard to find

EVT 2: the quantum leap

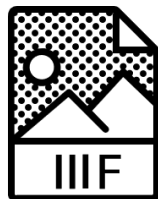
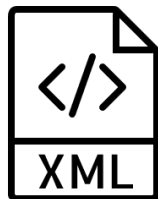


EVT 2: a new framework and a new architecture

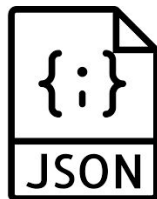
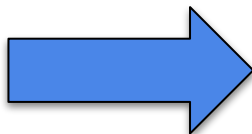


- No more XSLT transformations.
- Direct parsing of the XML documents.
- Data are stored in a JSON model organized in a way that allows a very quick access to the information needed.
- MVC (Model View Controller) approach.

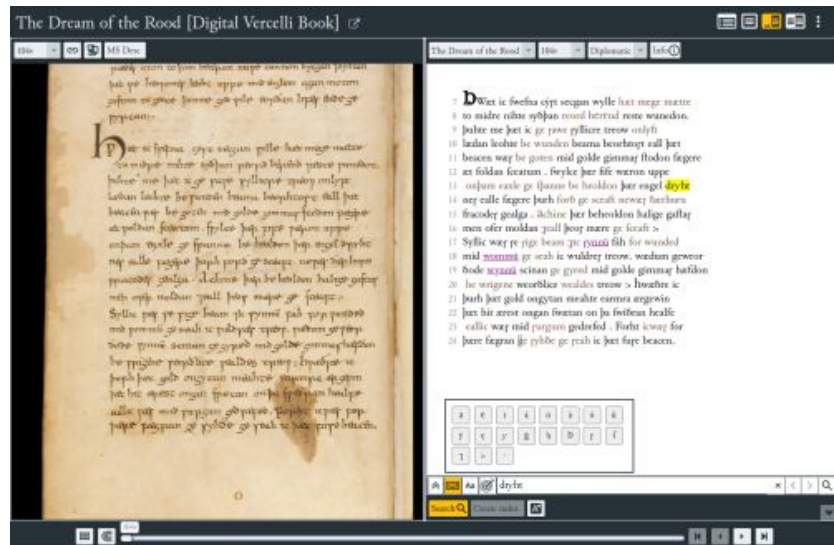
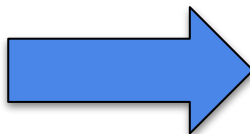
EVT data management (EVT 2 and 3)



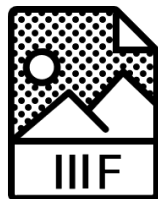
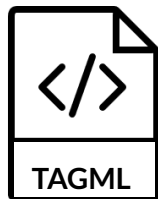
INPUT PARSER



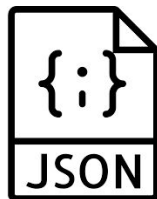
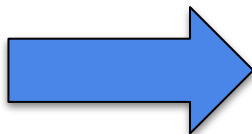
VIEWER



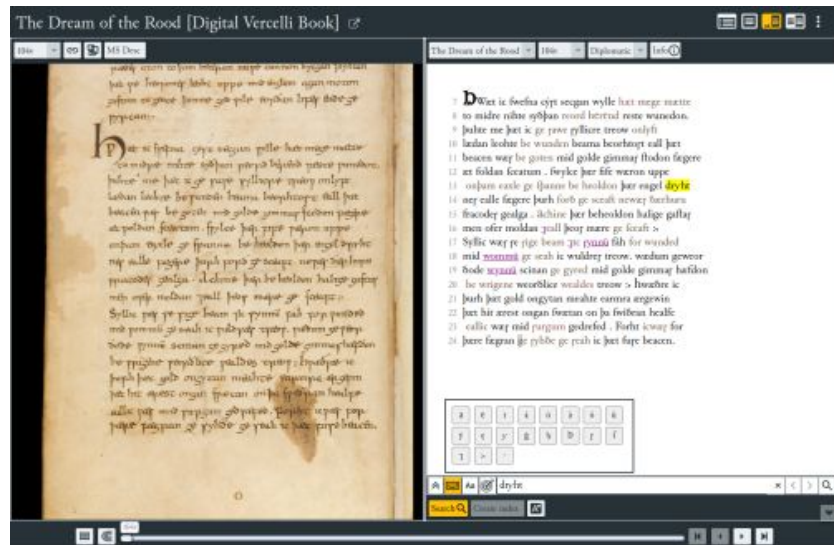
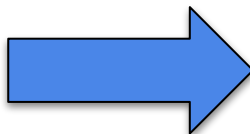
EVT data management (EVT 2 and 3)




INPUT PARSER



VIEWER



In order to add support for formats other than TEI it is possible to write a new parser for the input data, the display module does not change.

- 
- Support for critical editions (TEI *Critical Apparatus* module)
 - witness list
 - critical text based on
 - accepted variants **<lem>** and
 - rejected variants **<rdg>**
 - within critical apparatus entries **<app>**
 - critical notes **<note>** inside **<app>**s
 - Main features:
 - direct visualization of text variance
 - dynamic critical apparatus
 - automatic generation of the witnesses' text and collation view
 - filters on variants and more
 - bookmark facility to easily share specific edition points



New features of the first beta (October 2017)

UI solutions for “traditional” edition components

- After a reflection on the UI aspects of a DSE (see Di Pietro & Rosselli Del Turco 2018) we decided to recover “traditional” components such as the critical apparatus
 - in the first beta it is accessible in a separate frame beside the text
- Support for sources and analogs
- Handling of variant groups
- Support for multiple recensions

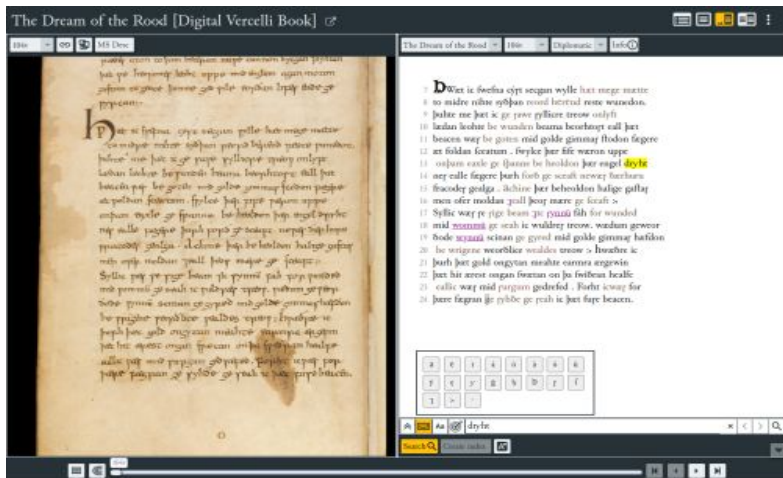
Innovative features

- Initial named entities support, bibliography formatting
- Dedicated area (pin frame) to “save” critical entries, named entities, etc.

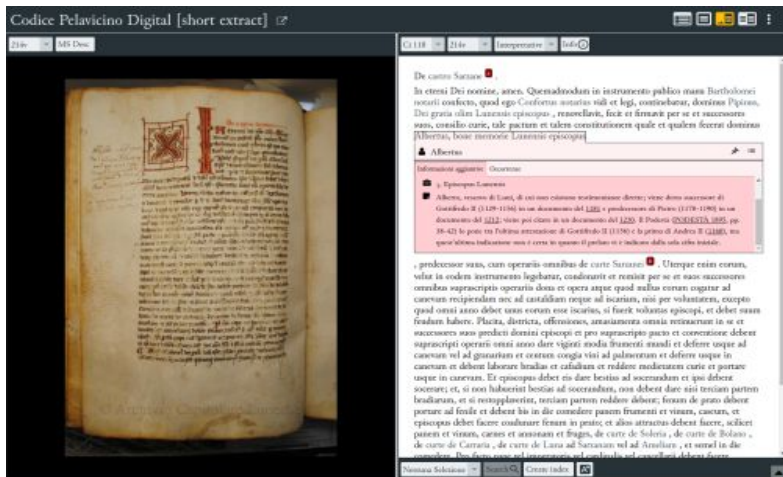


The second beta (June 2020)

- New features in beta 2:
 - diplomatic edition support with an IIIF-compliant image viewer
 - full support for *named entities*
 - table of contents added to the general menu
 - [VisColl](#) integration to show a manuscript quire structure
 - initial support for the TEI *double-end-point attached* method to link the apparatus to the critical text
 - initial support for georeferencing
 - initial support for 3DHOP (3D visualization software)
 - new search engine
- bug fixes and general user experience / interface improvements



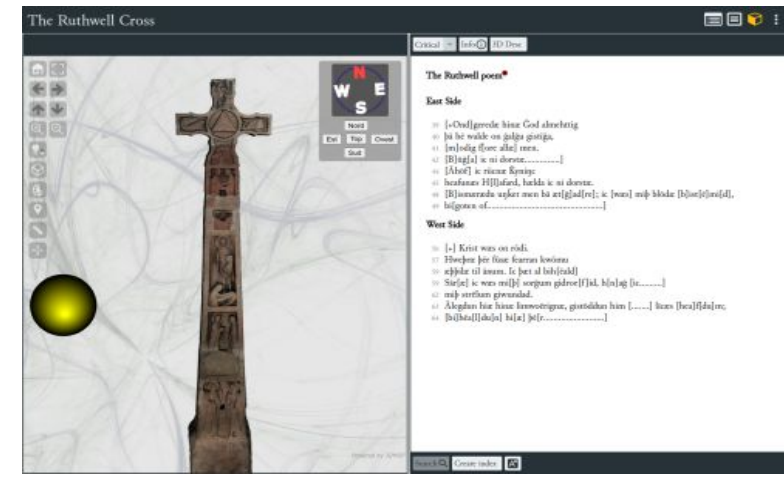
Diplomatic edition



Named entities



Fascicular structure of the manuscript



3D Model View (3DHOP)

Div 2 Critical Info

Liber I

CAPUT 1

Magnus es, domine, et laudabilis valde: magna^a virtus tua, et sapientiae tuae non est numerus et laudare te vult homo, aliqua portio creature tue^b, et homo circumferens mortalitem^c suam, circumferens testimonium peccati sui et testimonium, quia superbis resistis: et tamen laudare te vult homo, aliqua^d portio creaturae tuae. Tu excitas, ut laudare te delectet, quia fecisti nos ad te et inquietum est cor nostrum, donec requiescat in te. Da mihi^e domine, scire et intellegere, utrum sit prius invocare te an laudare te, et scire te prius sit an invocare te. sed quis te invocat nesciens te? Aliud enim pro alio^f potest invocare nesciens. An potius invocaris^g ut sciaris? In Quando^h autem invocabunt, in quem non credent sine praedicante?ⁱ Et laudabunt dominum qui requirunt eum. Quaerentes enim inveniunt eum. Quaeam te, domine, invocas te, domine, fides mea, quam dedisti mihi, quam inspirasti mihi per ministerium^l praedicatoris tui^m.

CAPUT 2

Et quomodo invocabo deum meum, deum et dominum meum, quoniam utique in me ipsum eum invocabo, cum invocabo eum? Et

In this apparatus entry, the editor has not decided yet which lectio should be considered the lemma. The app contains only rdg elements. They are therefore displayed in a different way from the other apparatus entries. I have also introduced two mistakes: there is no mention of witness B, while witness C is mentioned twice.

A 1r Div 2 Info

Liber I

CAPUT 1

Magnus es, domine, et laudabilis valde: magna^a virtus tua, et sapientiae tuae non est numerus et laudare te vult homo, aliqua portio creaturae tuae^b, et homo circumferens mortalitem^c suam, circumferens testimonium peccati sui et testimonium, quia superbis resistis: et tamen laudare te vult homo, aliquando^d portio creaturae tuae. Tu excitas, ut laudare te delectet, quia fecisti nos ad te et inquietum est cor nostrum, donec requiescat in te. Da mihi^e domine, scire et intellegere, utrum sit prius invocare te an laudare te, et scire te prius sit an invocare te. sed quis te invocat nesciens te? Aliud enim pro alio^f potest invocare nesciens. An potius invocaris^g ut sciaris? In Quando^h autem invocabunt, in quem non credent sine praedicante?ⁱ Et laudabunt dominum qui requirunt eum. Quaerentes enim inveniunt eum. Quaeam te, domine, invocas te, domine, fides mea, quam dedisti mihi, quam inspirasti mihi per ministerium^l praedicatoris tui^m.

HAND
ANY
USER1
TYPE
ANY
ORTHOGRAPHIC
LESSICOGRAPHIC
OMISS
CAUSE
ANY
UNKNOWN

invocabo deum meum, deum et dominum meum, quoniam utique in me ipsum eum invocabo, cum invocabo eum? Et quomodo invocabo deum meum, deum et dominum meum, quoniam utique in me ipsum eum invocabo, cum invocabo eum? Et quomodo invocabo deum meum, deum et dominum meum, quoniam utique in me ipsum eum invocabo, cum invocabo eum? Et

C 254r Div 2 Info

Liber I

CAPUT 1

Magnus es, domine, et laudabilis valde: laudabilis^a virtus tua, et sapientiae tuae non est numerus et laudare te vult homo, aliqua portio creaturarum tuarum^b, et homo circumferens mortalitem^c suam, circumferens testimonium peccati sui et testimonium, quia superbis resistis: et tamen laudare te vult homo, aliquando^d portio creaturae tuae. Tu excitas, ut laudare te delectet, quia fecisti nos ad te et inquietum est cor nostrum, donec requiescat in te. Da nobis^e domine, scire et intellegere, utrum sit prius invocare te an laudare te, et scire te prius sit an invocare te. sed quis te invocat nesciens te? Aliud enim pro alio^f potest invocare nesciens. An potius invocaris^g ut sciaris? In Quando^h autem invocabunt, in quem non crediderunt? Aut quomodo credent sine praedicante?ⁱ Et laudabunt dominum qui requirunt eum. Quaerentes enim inveniunt eum et inveniunt eum. Quaeam te, domine, invocas te, domine, fides mea, quam dedisti mihi, quam inspirasti mihi per

Non enim

ego iam in inferis^q et tamen etiam ibi es. Nam etsi

ideo convenientius est prius cognoscere simplices quam compositos. ^{aa}
 Cognitio autem ^{ay} simplicium ^{az} fit duobus modis, quia aut cognoscuntur
 secundum ^{ba} hoc ^{bb} quod ^{bc} apti ^{bd} sunt ^{be} ut ex eis ^{bf} fiat ^{bg} compositio
^{bh} praedicta ^{bi}, aut cognoscuntur ^{bj} secundum ^{bk} hoc quod sunt ^{bl} naturae
 et ^{bm} res ^{bn} quibus accidit hic intellectus, ad similitudinem domus, quae
 componitur ex lignis et aliis, compositorum cuius opus est cognoscere
 simplicia domus, scilicet ligna et lateres et lutum, sed ligna et lateres et
 lutum habent dispositiones ^{bo} propter ^{bq} quas ^{br} fiunt apta domui, et eius
 constructioni, et alias dispositiones praeter has, sicut hoc quod ligna sunt
 haec ^{bs} substantiae in qua fuit anima vegetabilis aut quod natura eorum est
 calida aut frigida, aut quod comparatio eorum inter ea quae sunt est talis vel
 talis. Hoc autem scire non est necesse artificum domorum, sed an trabes sit
 mollis vel dura, ^{bt} aut ^{bu} sit ^{bv} sana vel putrida aut huiusmodi, necesse est
 scire domorum artificum. Similiter est doctrina logica: non enim considerat
 incomplexa harum ^{bw} rerum ^{bx} secundum quod sunt alicuius duorum
 modorum esse, scilicet quod est in his ^{by} sensibilibus ^{bz} aut in intellectu, nec
 etiam in essentia harum rerum ex hoc quod sunt essentiae, sed secundum
 quod sunt praedicata aut subiecta, et universalis aut particularia, aut
 huiusmodi quae non accidunt his ^{ca} intellectibus ^{cb} nisi ex hoc quod diximus
 in praemissis.

Ad considerationem autem dictionum ducit nos necessitas: logicus enim, ex
 hoc quod est logicus, non habet primo occupari circa verba prima, nisi
 quantum ad loquendum et agendum. Si enim possibile esset logicam
 discere solo intellectu, ita ut non ^{cc} considerentur aliqua eius nisi soli
 intellectus, tunc sufficeret. ^{cd} Si ^{ce} etiam ^{cf} doctor artis posset
 revelare id quod est in animo eius alio modo, supersederet semper ^{cg} ^{ch} ^{ci} ^{cj} ^{ck} ^{cl} ^{cm} ^{cn} ^{co} ^{cp} ^{cq} ^{cr} ^{cs} ^{ct} ^{cu} ^{cv} ^{cw} ^{cx} ^{cy} ^{cz} ^{ca} ^{cb} ^{cc} ^{cd} ^{ce} ^{cf} ^{cg} ^{ch} ^{ci} ^{cj} ^{ck} ^{cl} ^{cm} ^{cn} ^{co} ^{cp} ^{cq} ^{cr} ^{cs} ^{ct} ^{cu} ^{cv} ^{cw} ^{cx} ^{cy} ^{cz} ^{ca} ^{cb} ^{cc} ^{cd} ^{ce} ^{cf} ^{cg} ^{ch} ^{ci} ^{cj} ^{ck} ^{cl} ^{cm} ^{cn} ^{co} ^{cp} ^{cq} ^{cr} ^{cs} ^{ct} ^{cu} ^{cv} ^{cw} ^{cx} ^{cy} ^{cz} ^{ca} ^{cb} ^{cc} ^{cd} ^{ce} ^{cf} ^{cg} ^{ch} ^{ci} ^{cj} ^{ck} ^{cl} ^{cm} ^{cn} ^{co} ^{cp} ^{cq} ^{cr} ^{cs} ^{ct} ^{cu} ^{cv} ^{cw} ^{cx} ^{cy} ^{cz} ^{ca} ^{cb} ^{cc} ^{cd} ^{ce} ^{cf} ^{cg} ^{ch} ^{ci} ^{cj} ^{ck} ^{cl} ^{cm} ^{cn} ^{co} ^{cp} ^{cq} ^{cr} ^{cs} ^{ct} ^{cu} ^{cv} ^{cw} ^{cx} ^{cy} ^{cz} ^{ca} ^{cb} ^{cc} ^{cd} ^{ce} ^{cf} ^{cg} ^{ch} ^{ci} ^{cj} ^{ck} ^{cl} ^{cm} ^{cn} ^{co} ^{cp} ^{cq} ^{cr} ^{cs} ^{ct} ^{cu} ^{cv} ^{cw} ^{cx} ^{cy} ^{cz} ^{ca} ^{cb} ^{cc} ^{cd} ^{ce} 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A B C D E F G H I L M N O P R S T U V W Y Z Ç

▶ Albertus de Buiano ✕

▶ Albertus de Calvo ✕

▶ Albertus ✕

▶ Albertus ✕

▶ Albertus de Cruce ✕

▼ Albertus ✕

More Info Occurrences

📄 Albertus

📄 M

📄 1: Episcopus Lunensis

📄 Alberto, vescovo di Luni, di cui non esistono testimonianze dirette; viene detto successore di Gottifredo II (1129-1156) in un documento del 1181 e predecessore di Pietro (1178-1190) in un documento del 1212; viene poi citato in un documento del 1230. Il Podestà (PODESTÀ 1895, pp. 38-42) lo pone tra l'ultima attestazione di Gottifredo II (1156) e la prima di Andrea II (1160), ma quest'ultima indicazione non è certa in quanto il prelado vi è indicato dalla sola cifra iniziale.

▶ Albertus quondam Ferri de Lacala ✕

▶ Albertus de Formicoso ✕

▶ Albertus filio Frederici de Carraria ✕

▶ Albertus quondam Gandulphini / de Gandulfino ✕

▶ Albertus quondam Gerardi ✕

▶ Albertus filius Gerardi de Carraria ✕

▶ Albertus quondam domini Guidonis ✕

▶ Albertus ✕

▶ Albertus ✕

70r Thumbs Schema MS Desc

Il faut tout d'accord avec M. Johannes Schmidt sur la condamnation à porter contre la notation *i* u nous différons de lui sur la raison pour laquelle cette notation n'est pas admissible.

Il faudrait une bonne fois se rendre compte de la portée que peut avoir *a* *person* une telle discussion. Y a-t-il une immense différence à prétendre que l'indo-européen se prononçait peut-être *ä* et non *e* (*ä*sti et non *esti*)? De l'aveu de tout le monde, cela n'a pas la moindre importance aussi longtemps *du moins* que nous pouvons séparer cet élément de *a*, *de*, *o*, etc. La valeur absolue des différents éléments est *une chose* non-seulement indifférente dans le travail de reconstruction mais même, osons-nous affirmer, remarquablement indifférente dans un *état de langue* quelconque.

Directement soumis à notre analyse. On peut changer tous les r uvulaires d'une langue en r dentals, tous les *θ* en t et ainsi de suite, et on n'aura pas changé l'état réciproque des termes *qui constitue la langue*, pourvu seulement que le changement de la valeur absolue n'entraîne aucune perturbation dans les valeurs relatives, en amenant par exemple la confusion (partielle ou totale) de deux éléments en un seul élément. Tout cela est, ou devrait être, l'a b c d'une considération *linguistique* ou *linguistique*.

Pourquoi donc la question de savoir si on disait *ä* ou *e* ne paraît-elle pas immédiatement aussi importante? Dans quelle mesure n'est-elle pas insignifiante que celle de savoir si on disait *esti* ou *ä*sti?

Je vais essayer, selon mes lumières, de l'insérer: 1° Pour la succession des faits depuis le moment où on avait *kontom* ou *k'ntom*, cela est complètement indifférent.

Fr. 3955/1 70r Diplomatic Info

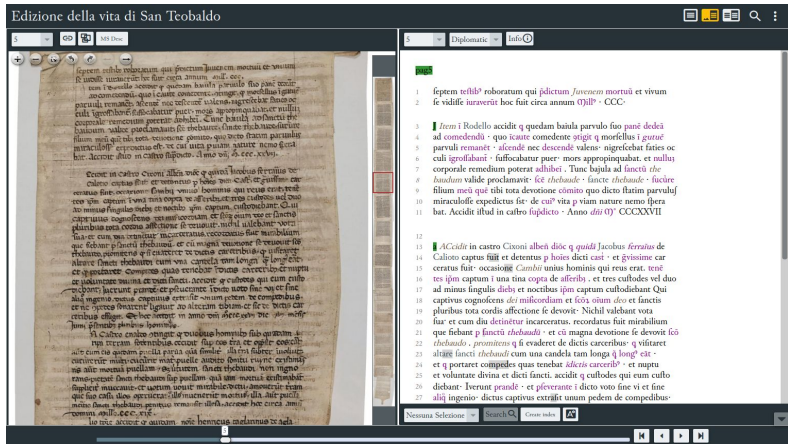
1 Parfaitement d'accord avec M. Johannes Schmidt
2 sur la condamnation à porter contre la notation *i* u
3 nous différons de lui sur la raison pour laquelle cette
4 notation n'est pas admissible
5 -----
6 Il faudrait une bonne fois se rendre compte de
7 la portée que peut avoir en général une telle discussion.
8 Y a-t-il une immense différence à prétendre que l'e
9 indo-européen se prononçait peut-être ä et non e
10 (ästi et non esti)? De l'aveu de tout le monde, cela n'a
11 pas la moindre importance aussi longtemps du moins que nous
12 pouvons séparer cet élément de a, de o, etc. La
13 valeur absolue des différents éléments est une chose non-seulement
14 indifférente dans le travail de reconstruction
15 mais même, osons-nous affirmer, remarquablement
16 indifférente dans un état de langue quelconque
17 -----
18 directement soumis à notre analyse. On peut changer
19 tous les r uvulaires d'une langue en r dentals, tous les
20 θ en t et ainsi de suite, et on n'aura pas changé l'état
21 réciproque des termes qui constitue la langue, pourvu seulement que le
22 changement
23 de la valeur absolue n'entraîne aucune perturbation dans
24 les valeurs relatives, en amenant par exemple la confusion (partielle
ou totale) de deux éléments en un seul élément. Tout cela

No Selection Search Create index A

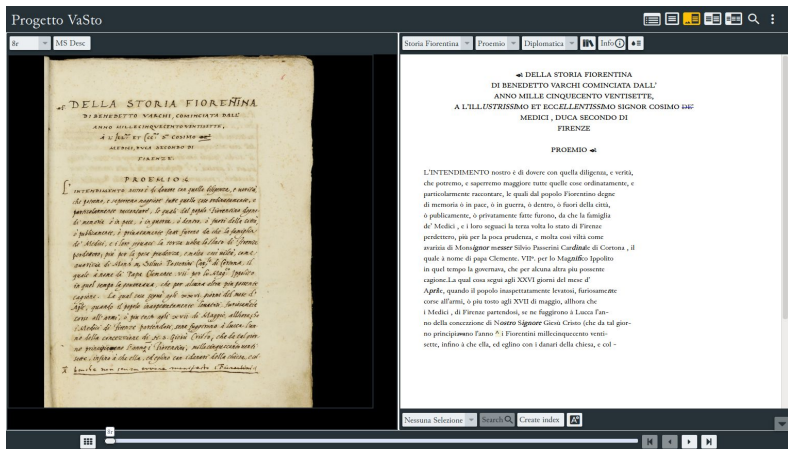


EVT 2-based projects

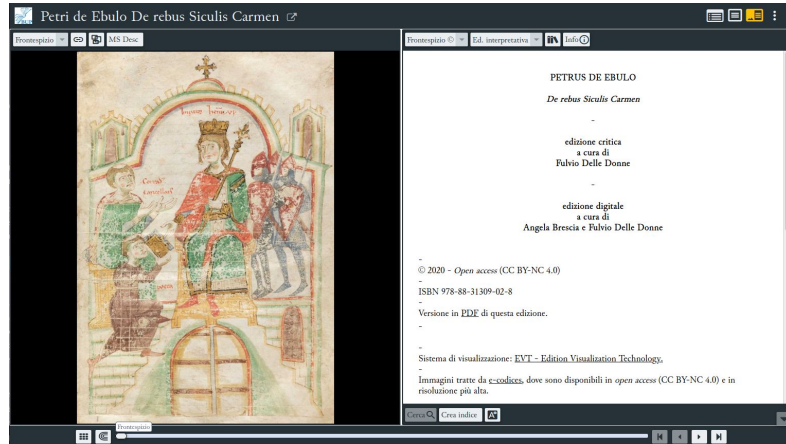
- although at the moment this tool is clearly labeled as beta (therefore incomplete), EVT 2 has been adopted by several edition projects
 - TEI documents are portable between EVT versions
- as in the past, this is an excellent stimulus for the development of new features and the improvement of existing ones
- a new feature that has been requested is support for **genetic editions**
- another interesting research field is the **processing of semi-structured data** (see below the workshop about digital medieval archives)
- parallel research such as **printing** from TEI documents



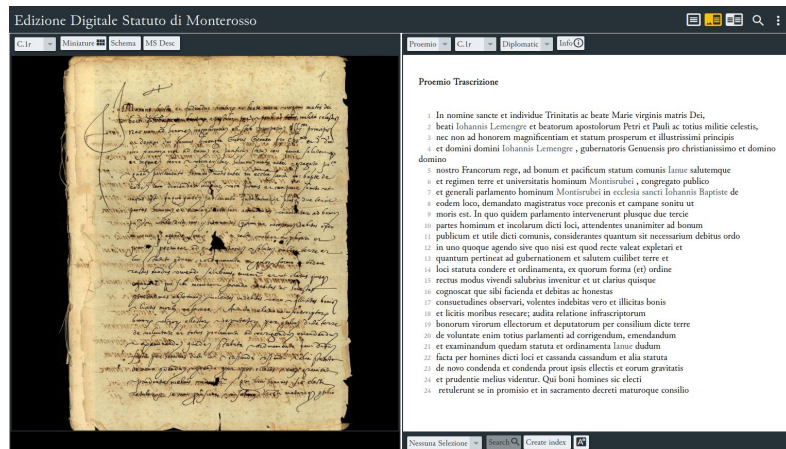
Scroll of the [Vita di San Teobaldo](#)



[Progetto VaSto](#)



Petrus de Ebulo [De rebus Siculis Carmen](#)



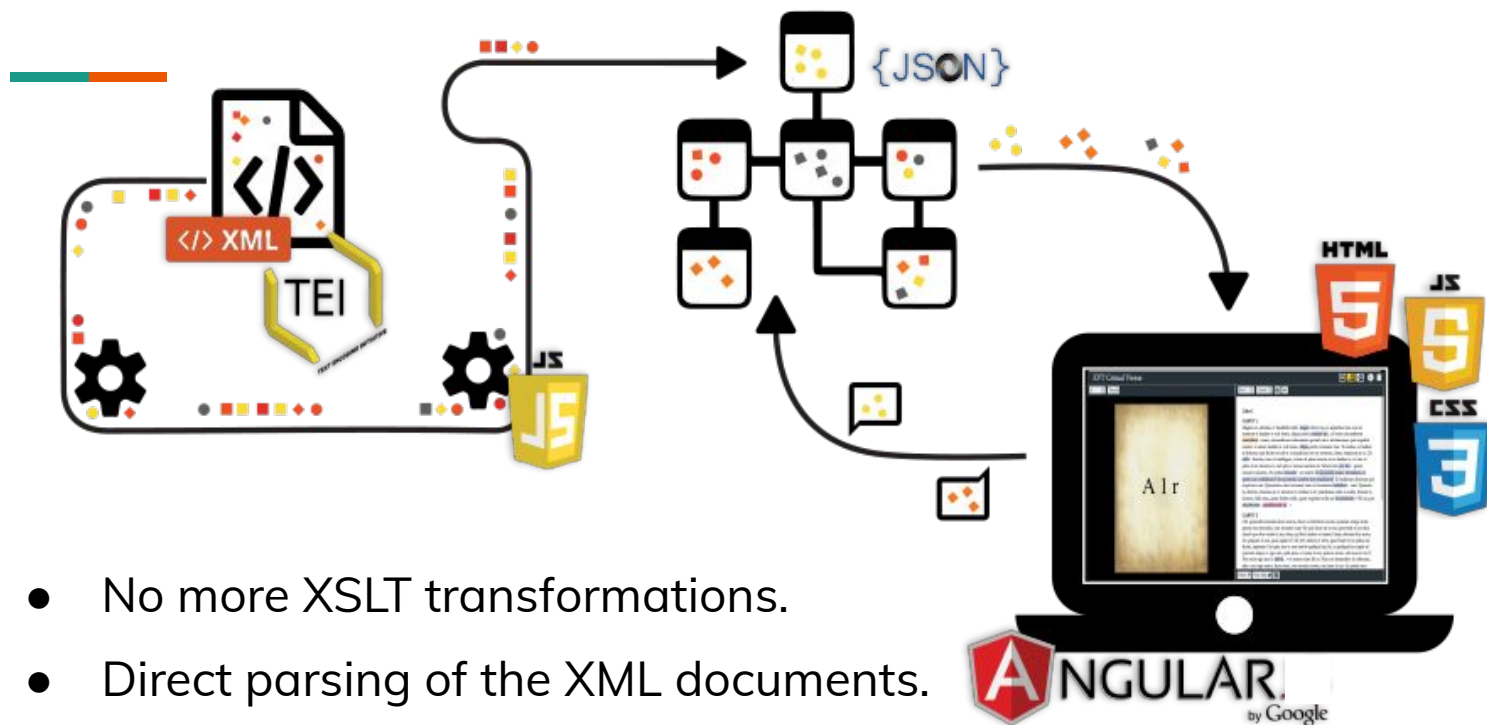
[Statuto di Monterosso](#)



EVT 3: the next generation



EVT 3: a new framework, same design pattern



- No more XSLT transformations.
- Direct parsing of the XML documents.
- Data are stored in a JSON model organized in a way that allows a very quick access to the information needed.
- MVC (Model View Controller) approach.



- as for the transition from the first to the second version, the initial goal is to achieve **feature parity** with the previous versions → priority to:
 - critical edition
 - digital facsimile and diplomatic edition with multiple edition levels
 - named entities support and an advanced search engine
- **new** features planned for the first stable version:
 - **marginalia** in diplomatic editions
 - **integrated edition, genetic criticism/authorial philology** support
 - **editorial conventions** configuration and customization



- after implementing the collation view, we are currently working on catching up with EVT 2 wrt filters and heat map features
- same branch where support for the **double end-point attachment** method by TEI is being added, improvements:
 - nested and **overlapping** variants
 - handling **complex witness families** in the <listWit>
 - handling the **witness list** in the collation view
- considering further visualization improvements:
 - alignment/segmented table, variant graph, alignment ribbon
- together with the integrated edition functionality this is a critical feature for the *Leges Langobardorum* PRIN project



Double-end-point-attached method

- the most powerful method since it offers all the advantages of PS and more:
 - can also handle overlapping variants
 - allows an external apparatus (stand-off markup)
 - which means that the text is free to be annotated with a different markup layer
- however DEPA is very cumbersome in practice:
 - especially when using it as stand-off markup
 - in fact the TEI editors were thinking of some kind of authoring software to use it

<!-- 1.16 -->

DEPA markup: the <w> + xml:id method



```
<div type="book" n="2">
  <p n="1-3"><seg n="1" xml:id="Luc-001">
    <w xml:id="Luc-001-1">Magnum</w>
    <w xml:id="Luc-001-2">ingenium</w>
    <w xml:id="Luc-001-3">L.</w>
    <w xml:id="Luc-001-4">Luculli</w>
    <w xml:id="Luc-001-5">magnumque</w>
    <w xml:id="Luc-001-6">optimarum</w>
    <w xml:id="Luc-001-7">artium</w>
    <w xml:id="Luc-001-8">studium</w><pc>,</pc> <w xml:id="Luc-001-9">tum</w>
    <w xml:id="Luc-001-10">omnis</w>
    <w xml:id="Luc-001-11">liberalis</w>
    <w xml:id="Luc-001-12">et</w>
    <w xml:id="Luc-001-13">digna</w>
    <w xml:id="Luc-001-14">homine</w>
    <w xml:id="Luc-001-15">nobili</w>
```

From Marcus Tullius Cicero, *Lucullus*, XML/TEI encoding by Federica Lazzerini,
PRIN RETI project

DEPA markup: the <w> + xml:id method




```
<app from="#Luc-001-11">
  <rdg type="lectio.sing" cause="palaeographicConfusion" wit="#Mon3">liberatis</rdg>
</app>
```

```
<app from="#Luc-001-13">
  <rdgGrp type="lectio.sing">
    <rdg cause="omission" wit="#Glas"><add hand="#Glas.hand.2" place="margin"
      >digna</add>
    <note resp="#FLa">add. mrg. Glas2</note></rdg>
    <rdg cause="multiple" wit="#Par9">dignationem</rdg>
  </rdgGrp>
</app>
```

```
<app from="#Luc-001-17">
  <rdg type="lectio.sing" cause="contextInduced" wit="#Par9">ea</rdg>
</app>
```

```
<app from="#Luc-001-16" to="#Luc-001-17">
  <rdg type="lectio.sing" cause="palaeographicConfusion" wit="#Parm">habeo</rdg>
</app>
```

From Marcus Tullius Cicero, *Lucullus*, XML/TEI encoding by Federica Lazzerini,
PRIN RETI project

- 
- advantages of the <w> + xml:id method:
 - no need to add <milestone/> elements to the encoded text
 - adding **xml:id** attributes to <w> elements is easily done f.i. by means of a script
 - no need to use both **@from** and **@to** if the apparatus entry is only one word in the critical text
 - disadvantages:
 - you may want to also encode punctuation using **<pc>**, and adding xml:id attributes to it
 - in some cases (lacunas) punctuation is not rendered correctly

The current DEPA prototype



< E/V / >

Lucullus

DEPA BETA

Errors

Info

1

Critical

Magnum ingenium^a L.^b Luculli magnumque optimarum^c artium^d studium, tum^e omnis^f liberalis^g et digna^h homine nobili ab eoⁱ percepta^k doctrina quibus temporibus florere in foro^l maxime^m potuitⁿ caruit^o omnino^p rebus urbanis^q. Ut enim^r admodum^s adulescens^t cum fratre pari^v pietate^w et^x industria praedito^y paternas^z inimicitias^{aa} magna cum^{ab} gloria^{ac} est persecutus^{ae}, in Asiam quaestor profectus^{af} ibi^{ag} permultos^{ah} annos^{ai} admirabili quadam^{aj} laude^{ak} provinciae^{al} praefuit^{am}; deinde^{an} absens^{ao} factus^{ap} aedilis^{aq}, continuo^{ar} praetor^{as} (licebat^{at} enim^{au} celerius^{av} legis praemio^{aw}), post in Africam^{ax}, inde^{ay} ad^{az}ba consulatum; quem^{bb} ita^{bc} gessit ut^{bd} diligentiam^{be} admirarentur^{bf} omnes^{bg} ingenium^{bh} agnoscerent^{bi}. Post^{bj} ad^{bk} Mithridaticum^{bl} bellum missus^{bm} a senatu^{bn} non modo^{bo} opinionem^{bp} vicit^{bq} omnium^{br} quae de virtute eius erat^{bs} sed^{bt} etiam^{bubv} gloriam superiorum^{bw};

Search

Select items

Prose

Critical Apparatus

Sources

Analogues

Notes

a ingenium]

ingenium Glas

More info XML

```
<app
  xmlns="http://www.tei-c.org/ns/1.0" from="#Luc-001-2" xml:id="evt-f
  <rdg type="lectio.sing" cause="palaeographicConfusion" wit="#Glas"
    <add hand="#Glas.hand.c" xml:id="evt-330f9dd2-7356-4b96-93a6-cd
  </rdg>
</app>
```

b L.]

L. Bes Cant3 Cas Harl3 Laur1 Linc Ott Pal6 Pan Vat6 Ven Ven1 ed. Rom. Vict.

luci Ω F M Halm Reid

lucii V2 v ε Ambr1 Cas Bert Erl Gadd Harl Harl3 Laur1 Linc Magl2 Mon2 Ott Pal6 Pan
Parm Pat Reg Vat6 Ven Ven1 ed.Ven Pen. Bev. Baz. Min. Asc.1 Ald. Asc.2 Asc.3 Crat.
Asc.4 Herw. Sturm ed. Rom. Vict. Man. Tal. Lamb. Dav. Ern. Goer. Bait. Plas1

lutii Mon3 Par6

Lucilli Reg

More info XML

c optimarum]

optumarum N Ven1 Dav.

More info XML

The current DEPA prototype



The screenshot displays the DEPA prototype interface. The main text editor shows a Latin passage with various annotations. An 'Errors' dialog box is open in the center, listing two errors:

- Error 1:** No element found with xmlid Luc-06-99. The associated XML snippet is:

```
<app xmlns="http://www.tei-c.org/ns/1.0" from="#Luc-06-99" xml:id="evt-1742109c-122b-46e7-t">
  <rdg type="lectio.sing" cause="intentional" wit="#Mon3" xml:id="evt-3ff1503c-6602-4d89">
    <lacunaEnd xml:id="evt-ef517841-9431-42ce-ac6b-35678a044365" wit="Mon3" from="Luc-06-99">
    </rdg>
  </app>
```
- Error 2:** Duplicated witness found in intersecting elements: #μ, #Chis1. The associated XML snippet is:

```
<app xmlns="http://www.tei-c.org/ns/1.0" from="#Luc-001-22" to="#Luc-001-26" xml:id="evt-e6f6e6e6-6e6e-6e6e-6e6e-6e6e">
  <rdgGrp cause="transposition" xml:id="evt-064699dd-55a9-4640-8566-7d253722479b">
    <rdgGrp type="family-distinctive" xml:id="evt-db63fee8-6c92-41ec-b43a-2b6230fb6294">
      <rdg wit="#μ" xml:id="evt-e7cf0504-510b-489e-8c45-bd51502feff8">florere maxime</rdg>
      <rdg wit="#Chis1 #Reg" xml:id="evt-5e02d6ae-b4ea-41b8-b0a3-416c500d68e0">florere</rdg>
    </rdgGrp>
    <rdg type="lectio.sing" wit="#Cant3" xml:id="evt-e69a5b2f-1cab-469e-beed-3130fd4b5">
    </rdgGrp>
  </app>
```

The background interface includes a top bar with 'EV/T /> Lucullus' and 'DEPA BETA', a sidebar with 'Analogue' and 'Notes' sections, and a bottom bar with search and selection tools.

The current DEPA prototype



< E/V/T > Lucullus DEPA BETA

Errors

Info 1

Witness Glas 1

Witness Ball_B 1

Magnum ingenium^a L.^b Luculli magnumque optimarum^c artium^d studium, tum^e omnis^f liberalis^g et digna^h homine nobili ab eoⁱ percepta^k doctrina quibus temporibus florere in foro^l maxime^m potuitⁿ caruit^o omnino^p rebus urbanis^q. Ut enim^r admodum^s adulescens^{tu} cum fratre pari^v pietate^w et^x industria praedito^y paternas^z inimicitias^{aa} magna cum^{ab} gloria^{acad} est persecutus^{ae}, in Asiam quaestor profectus^{af} ibi^{ag} permultos^{ah} annos^{ai} admirabili quadam^{aj} laude^{ak} provinciae^{al} praefuit^{am}; deinde^{an} absens^{ao} factus^{ap} aedilis^{aq}, continuo^{ar} praetor^{as} (licebat^{at} enim^{au} celerius^{av} legis praemio^{aw}), post in Africam^{ax}, inde^{ay} ad^{azba} consulatum; quem^{bb} ita^{bc} gessit ut^{bd} diligentiam^{be} admirarentur^{bf} omnes^{bg} ingenium^{bh} agnoscerent^{bi}. Post^{bj} ad^{bk} Mithridaticum^{bl} bellum missus^{bm} a senatu^{bn} non modo^{bo} opinionem^{bp} vicit^{bq} omnium^{br} quae de virtute eius erat^{bs} sed^{bt} etiam^{bubv} gloriam superiorum^{bw};

Magnum ingenium
a ingenium]
ingenium Glas
More info XML

L. Luculli magnumque optimarum artium studium, cum liberalis et digna homine nobili ab eo peraccepta doctrina quibus temporibus florere in foro maxime potuit caruit omnino rebus humanis. Ut enim admodum adulescens cum fratre pari pietate et industria praedito paternas inimicitias magna cum gloria est persecutus, in Asiam quaestor profectus ibi permultos annos admirabili quodam laude provinciae praefuit; deinde absens factus aedilis, continuo praecor (licebat enim scelerius legis praemio), post in Africam, inde ad consulatum; quem ita gessit ut diligentiam admirarentur omnes ingenium agnoscerent. ad mitridaticum bellum missus a senatu non modo opinionem vicit omnium quae de virtute eius erat sed etiam gloriam superiorum;

Magnum ingenium L. Luculli magnumque optimarum artium studium, tum omnis liberalis et digna homine nobili ab eo percepta doctrina quibus temporibus florere in foro maxime potuit caruit omnino rebus humanis. Ut enim urbanus admodum adulescens cum fratre pari pietate et industria praedito paternas inimicitias magna cum gloria est persecutus, in Asiam quaestor profectus ibi permultos annos admirabili quadam laude provinciae praefuit; deinde absens factus aedilis, continuo praetor (licebat enim celerius legis praemio), post in Africam, inde ad consulatum; quem ita gessit ut diligentiam admirarentur omnes ingenium agnoscerent. Post ad mitridaticum bellum missus a senatu non modo opinionem vicit omnium quae de virtute eius erat sed etiam gloriam superiorum;

Q Search Select items

Prose

The current DEPA prototype



The screenshot displays the DEPA prototype interface. The main window shows a text editor with Latin text. A dialog box titled "Add witness" is open in the center, featuring a search bar labeled "Search Witnesses" and a list of witnesses with corresponding "Add" buttons. The witnesses listed are: Ω, F, φ, π, μ, ν, χ, γ, ε, ζ, ρ, Ang, Bern, Cant3, and Cas. The background text in the editor includes: "Magnum ingenium^a L.^b Luculli magnumque optimarum omnium^f liberalis^g et digna^h homine nobili ab eo^j percepta florere in foro^l maxime^m potuitⁿ caruit^o omnino^p rebus admodum^s adulescens^{tu} cum fratre pari^v pietate^w et^x inimicitias^{aa} magna cum^{ab} gloria^{ac} est persecutus^{ae}, in ibi^g permultos^{ah} annos^{ai} admirabili quadam^{aj} laude^{ak} praesens^{ao} factus^{ap} aedilis^{aq}, continuo^{ar} praetor^{as} (licebat^{at} praemio^{aw}), post in Africam^{ax}, inde^{ay} ad^{az}ba consulatum; diligentiam^{be} admirarentur^{bf} omnes^{bg} ingenium^{bh} agnos Mithridaticum^{bl} bellum missus^{bm} a senatu^{bn} non modo^b omnium^{br} quae de virtute eius erat^{bs} sed^{bt} etiam^{bubv} glor

The "Add witness" dialog box contains the following list of witnesses and their corresponding "Add" buttons:

- > Ω Add
- > F Add
- > φ Add
- > π Add
- > μ Add
- > ν Add
- > χ Add
- > γ Add
- > ε Add
- > ζ Add
- > ρ Add
- Ang Add
- Bern Add
- Cant3 Add
- Cas Add



- editorial conventions vary in different philological traditions
 - one could use the traditional notation directly in the text, but that'd be awkward when doing semantic annotation
 - visualization programs tend to impose their specific solutions (EVT does), or leave you with the first option
 - alternatively, you could use CSS rules
- a different approach already implemented in EVT 3:
 - a configuration file where you can specify the desired output on the basis of the actual markup used
 - no need to reinvent the wheel every time, conventions can be shared, EVT will be offering presets

Editorial conventions



```
<1 n="113"><choice>
  <orig><g ref="#sins"/>eðe</orig>
  <reg>se ðe</reg>
</choice> for <choice>
  <orig><w>dr<g ref="#yrgmainstrok"/>
    ht<lb facs="#VB_line_106r_06" n="6" xml:id="VB_lb_106r_06_orig"/>
  <reg><w>dryht<lb facs="#VB_line_106r_06" n="6" xml:id="VB_lb_106r_06_1
</choice> naman deaðe<g ref="#sins"/>
<gap extent="3char" reason="rasure"/>

<choice>
  <orig>wo<add place="below">,</add><add place="above">l</add>de</orig>
  <reg>wo<add place="above">l</add>de</reg>
</choice>
</1>
```

Encoded text

Rules for added text

```
{
  "additionAbove": {
    "markup": {
      "element": "add",
      "attributes": {
        "place": "above"
      }
    },
    "layouts": {
      "diplomatic": {
        "style": {
          "top": "-10px",
          "position": "relative",
          "background-color": "#ccffcc"
        }
      },
      "interpretative": {
        "pre": "\\ ",
        "post": "/",
        "style": {
          "background-color": "#ffcc00"
        }
      }
    }
  },
}
```


Info 106r Diplomatic

ælmihtig god **⁊** his englas mid .
þæt he þonne wile deman **⁊** ah domes gewæld
anra ge hwylcū swa he him ærur her
on þyrrum lænum life ge earnað .
110 ne mæg þær ænig unforht weþan .
for þam worde . þe **⁊** se wealdend cwyð.
frineð he for þære mænige hwær **⁊** se man sie
reðe for dryhtnes naman deaðes [3char] wo\l/de
biteres onbyrgan swa he ær on ðam beame dyde .
115 ac hie þonne forhtiað . **⁊** fea þencað
hwæt hie to criste cweðan onginnen .
Ne þearf ðær þonne ænig unforht weþan
þe him ær in breortū bereð beacna felest .
Ac ðurh ða rode sceal rice geþecan
120 of eorð wege æg hwylc sawl

Info 106r Interpretative

ælmihtig God **and** his englas mid .
þæt he þonne wile deman **se** ah domes gewæld
anra gehwylcum swa he him ærur her
on þyrrum lænum life geearnaþ .
110 ne mæg þær ænig unforht wesān .
for þam worde . þe **se** wealdend cwyð.
frineð he for þære mænige hwær **se** man sie
se ðe for dryhtnes naman deaðes [3char] wo\l/de
biteres onbyrgan swa he ær on ðam beame dyde .
115 ac hie þonne forhtiað . fea þencað
hwæt hie to Criste cweðan onginnen .
Ne þearf ðær þonne ænig unforht wesān
þe him ær in breostum bereð beacna selest .
Ac ðurh ða rode sceal rice gesecan
120 of eorðwege æghwylc sawl



TEI and genetic criticism / authorial philology

- TEI/XML only partly suitable for describing authorial changes
 - very limited encoding tools wrt introduction of time into an apparatus, less flexible than needed
 - no dedicated module, *transcr* still the base for encoding
- people experimented with new strategies, but this resulted in a heterogeneity of markup modeling
 - Pierazzo's *Proust Prototype* very document-oriented, but the TEI work explicitly mentions text evolution across several mss
- general reflection on a standard for digital author philology



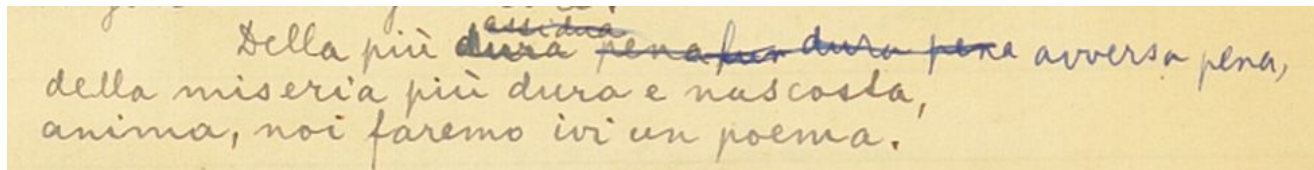
Main goals of the Saba 2021 project

- defining a general purpose schema for authorial philology
- encoding all the texts in the manuscript
- adding EVT 3 support for the schema
 - new dedicated parser
- developing a dedicated authorial philology view in EVT 3
 - integration with the existing views, search for effective UI
- final goal: creating an **innovative digital edition** of Saba's *Canzoniere 1921*



Our approach

- integration of multiple critical encoding methods:
 - digital documentary publishing
 - critical apparatus and parallel segmentation method
 - phase-based apparatus
- for the **philologist**: a single edited TEI document, ‘single source’ model to generate more than one edition level
- for the **user**: choice to explore the edition through two separate views or one interconnected view



CI9, c. 102, from *Verso casa*

Printed apparatus:

^{1A}dura pena, > ^{2A}assidua pena, >

^{3B}dura (*prima* lun<ga>) pena >

^{4B}avversa pena

3B

1A e 2A

```
<l n="20">Della più <app>
```

```
<lem varSeq="3">
  <mod change="#strato-2">
    <add>avversa pena,</add>
  </mod>
</lem>
```

4B

```
<rdg varSeq="2">
  <mod change="#strato-2">
    <del>
      <subst>
        <del instant="true">lun<supplied>ga</supplied></del>
        <add instant="true">dura</add></subst> pena
      </del>
    </mod>
  </rdg>
```

```
<rdg varSeq="1">
  <mod change="#strato-2">
    <del>
      <mod change="#strato-0">
        <subst>
          <del seq="1">dura</del>
          <add seq="2">assidua</add>
        </subst></mod> pena
      </del>
    </mod>
  </rdg>
</app></l>
```

La progettazione dell'interfaccia utente



Ma spesso tu sedevi ~~grave in volto,~~
all' ~~studio sonoro;~~ ~~in me raccolto,~~
ed io in un canto udivo ~~il tuo dolce lavoro~~
~~il tuo dolce lavoro~~ ~~il tuo dolce lavoro~~
Le tue dita ~~per me~~ ~~la canzone~~
dell'amor, della vita;
e s'accendeva i me la visione
d'una pace infinita.
O uno strano presagio il cor m'empiva,
un'ebbrezza profonda;
ed ecco sorridendo a noi veniva
una signora bionda;
una bella signora, di cui gli anni
già volgevano a sera;
ch'era buona e severa,
che ti celava del tuo cor gli affanni;
ch'era tua madre!... Alò, ~~il tuo cor vicina~~
d'April, quella ~~bionda~~ signora?
~~nei sogni di prima mattina~~
~~l'ammonizione ancora?~~
(ella)
Come tutto mutò! Come la vita
diversa oggi m'appare!

di tue dita il lavoro.

di tue dita il lavoro³] < il tuo dolce lavoro² < di tue dita lavoro¹

Nota critica

Sequenza correzioni

XML

- 1) **Strato 0:** di tue dita lavoro
- 2) **Strato 2:** di tue dita il tuo dolce lavoro
- 3) **Strato 5:** il tuo dolce lavoro di tue dita il lavoro

di tue dita il lavoro³] < il tuo dolce lavoro² < di tue dita lavoro¹

Nota critica

Sequenza correzioni

XML

```
<app>
  <lem varSeq="3">
    <mod change="#strato-5">
      <del rend="strikethrough">il tuo dolce lavoro.</del>
      <add place="margin-left">di tue dita il lavoro.</add>
    </mod>
  </lem>
```

Mockup del box di apparato critico

U. Saba, Canzoniere 1919



- EVT developed with a focus on usability and UI/UX issues
- next logical step: looking into accessibility issues
 - adding support for people with disabilities (e.g. visually or hearing-impaired people)
 - based on the latest version of the WCAG - Web Content Accessibility Guidelines <https://www.w3.org/TR/WCAG22/>
- the current approach
 - using a web browser extension to determine EVT performance
 - looking to provide alternative text for images, keyboard-based navigation, text reader
 - modifying themes (new EVT 3 feature) to create a better environment for people with visually impairments

Accessibility and inclusivity



Color blindness simulator

Color blindness affects 8% of all men and about 0.5% of women. [Read more](#)

Color greatly reduced
1 in 10,000,000 ☒

Green appears weak
1 in 20 ☐

Green greatly reduced
1 in 100 ☐

Red appears weak
1 in 100 ☐

Red greatly reduced
1 in 100 ☐

Blue appears weak
1 in 100,000 ☐

Blue greatly reduced
1 in 100,000 ☐

Color appears weak
1 in 10,000,000 ☐

Poesie dell'adolescenza

Ma spesso tu sedevi grave in volto,
all' studio sonoro; in me raccolto,
ed io in un canto udivo il tuo diletto.

Le tue dita ~~rendevano~~ la canzone
dell'amor, della vita;
e s'accendeva i me la visione
d'una pace infinita.

O uno strano presagio il cor m'empiva,
un'ebbrezza profonda;
ed ecco sorridendo a noi veniva
una signora bionda;

una bella signora, di cui gli anni
già volgevano a sera;
ch'era buona e severa,
che ti celava del suo cor gli affanni,

ch'era tua madre!... Aldo, ~~che al tuo cor vicina~~
d'aprile, nei sogni di primavera
l'annunciava la tua vita.

Come tutto mutò! Come la vita
diversa oggi m'appare!
Quante immagini torse
m'hanno, fuggendo, l'anima impaurita;

quanto dolcezza, quanto ingenua fede
e' in brevia lasciata;
come ~~talvolta con stupor~~ di vede
nube in cielo rosata.

13

1 Ma spesso tu sedevi **grave in volto**,
2 al **tu** **studio sonoro**;
3 ed io in un canto udivo **il tuo diletto**;
4 **di tue dita lavoro**.
5 **Le tue dita** **rendevano** la canzone
6 dell'amor, della vita;
7 e s'accendeva i me la visione
8 d'una pace infinita.
9 O uno strano presagio il cor m'empiva,
10 un'ebbrezza profonda:
11 ed ecco sorridendo a noi veniva
12 una signora bionda;
13 una bella signora, di cui gli anni
14 già volgevano a sera;
15 ch'era buona e severa,
16 che ti celava del suo cor gli affanni,
17 ch'era tua madre!... Aldo, **che al tuo cor vicina**
18 **d'aprile**, nei sogni di primavera
19 **l'annunciava la tua vita**.
20 **Come tutto mutò!** Come la vita
21 diversa oggi m'appare!
22 Quante immagini care
23 m'hanno, fuggendo, l'anima impaurita;
24 quanta dolcezza, quanta ingenua fede
25 l'ha in brev'ora lasciata;
26 come **talvolta con stupor**
27 nube in cielo rosata.

Checking the performance of EVT 3 in relation to visual impairment

Accessibility and inclusivity

The screenshot displays the EVT 3 digital edition interface, which is designed to improve visualisation for people suffering from colour blindness. The interface is divided into several sections:

- Color contrast checker:** Located on the left, it provides information about WCAG contrast ratios and allows users to check the color contrast between foreground and background colors. The current contrast is 21.00:1, which is marked as "Pass".
- Handwritten Manuscript:** The central part of the interface shows a handwritten manuscript titled "Poesie dell'adolescenza". The text is written in Italian and includes a vertical note on the left margin: "di tue dita il lavoro".
- Digital Representation:** The right side of the interface shows a digital representation of the manuscript, where the text is typed and color-coded to highlight specific words or phrases. This is done using a color palette that is accessible to people with colour blindness.
- Navigation and Search:** At the bottom, there is a search bar and navigation controls, including a "Show deletions" button.

The EVT 3 theme to improve visualisation for people suffering from colour blindness

- thinking about taking collation software output as an input for EVT (same for HTR software)
- not anymore thanks to **DPhD**, which also integrates EVT
- “EVT as a service” feature: the client-only architecture has its limitations
 - no fast database to acquire data
 - no powerful search engine
 - no collaborative tools
- assuming you have a server-based software, however, you can now use EVT 3 as a powerful DSE browser
 - TEI documents might be stored in/produced from a database
 - instead of having multiple EVT instances, each document can be “passed” to EVT to display it together with a config file

Prato, a cura di Luciana Frangioni, Firenze, Opus Libri, 1994, vol. I,
pp. 190-191, n. 263.

CITA EDIZIONE

Trascrizione fornita da Opera del Vocabolario Italiano

Al nome di Dio, amen. Di 20 dicembre 1394. Per Giovani di Domenicho vi scrissi quanto fe' di bisongno, aute l'arete, rispondete. E da voi ò poi a dì 17 una vostra de dì 5 e inteso quanto dite rispondo. Ebi in essa una a Francescho di Basciano quale ò letta e visto quanto li scrivete e sta bene e ben tochte tutte parti che s'anno bisongno: àgliele data e anchora no l'à tutta letta. E infine dicie vuole questi conti s'achoncino e rimanere vostro amicho chom'era il padre e ritenersi dove avete a fare chon voi e fare di merchatantia chome usato, a di che Idio ne li presti la grazia. Tornò detto Francescho da Vinegia a dì 11 e chome s'abi fatto non so: à chonprati chotoni e altri chose per qui. Detto v'ò in altre chome abian chomincato a rischontrare: non siamo anchora troppo inanzi per questi ànno auto a fare a Pavia e per queste robe venute da Vinegia. Solecitansi quanto si piùò che abino fine e 'nsino a qui non s'è potuto fare più, diròvi chome seguiremo. Vegio fatte le feste mandate Cristofano a Vingnone per questo chamino, sia chon Dio. Informeretelo di tutto a bocha di quello s'è a fare qui e chredo manderete i chonti di Pisa se nno fatelo come prima si può. Atendo abiate aute le peli per foderi e detto chome ve ne tenete serviti. De' f. 250 ch'è 'l dibatito tra voi e questi vegio bene quanto dite. Quando saremo a cciò vedren che voranno dire, i' so quello ò a rispondere. In questa ora ò auto lettera da Vingnone e dicomi chome la lana è lavata e 'nsachata e tosto l'atendevano i d'Arly sì che qui dovrà tosto chonparire, Idio la mandi, e tosto quando qui sarà vi dirò sopr'essa. E ò riceuto insino insino di 18 le 6 balle di soatti chonce in Vingnone. Per anchora no l'ò finite perché siamo sotto le feste ed èci pochi si voglino charichare, vedrò finirle chol più utile si potrà e diròlovi. Centomila salute per parte di tutte queste donne e simile a monna Margherita vostra. Né altro per ora vi dicho. Cristo vi ghuardi per Tommaxo vostro vi si rachomanda. Francescho di Marcho. in Firenze. Propio.

Per approfondire accedi a [Edition Visualization Technology](#)

Bellini Digital Correspondence: ottimizzazione della fruizione web mediante EVT ed utilizzo delle tecnologie XML-based Saxon-JS2, XQuery ed eXist-db

Metadati

Descrizione	Repository della tesi di laurea in Informatica umanistica per l'ottimizzazione della fruizione web mediante EVT ed utilizzo delle tecnologie XML-based Saxon-JS2, XQuery ed eXist-db relativamente al progetto Bellini Digital Correspondence.
Parole chiave	archivio digitale, Catania, Codifica XML-TEI, Digital Scholarly Edition, filologia digitale, lettere, ottocento, Sicilia, Vincenzo Bellini, ESD, RM
Lingua	eng, it
Istituzione o autore	Pellino Santa
Collegamento alla fonte originale	http://bellinicorrespondence.cnr.it/ https://raw.githubusercontent.com/santapellino/Progetto-tesi-Santa-Pellino/main/BelliniCorrespondence.xml https://github.com/santapellino/Progetto-tesi-Santa-Pellino

[Progetto "Bellini Correspondence" su piattaforma CHIt](#)



+ New Project

My Projects

Projects

Project Id

3

Project Name


VBD

Actions

Search

Search by Tag

Edit



#

Name

Actions


8

Vercelli CXVII

Edit

Export Tei

View in EVT




19

Maier's transcription

Edit

Export Tei

View in EVT



Project Id

17

Project Name


Marco Polo

Actions

Search

Search by Tag

Edit



#

Name

Actions


23

V

Edit

Export Tei

View in EVT




24

TB

Edit

Export Tei

View in EVT




25

F

Edit

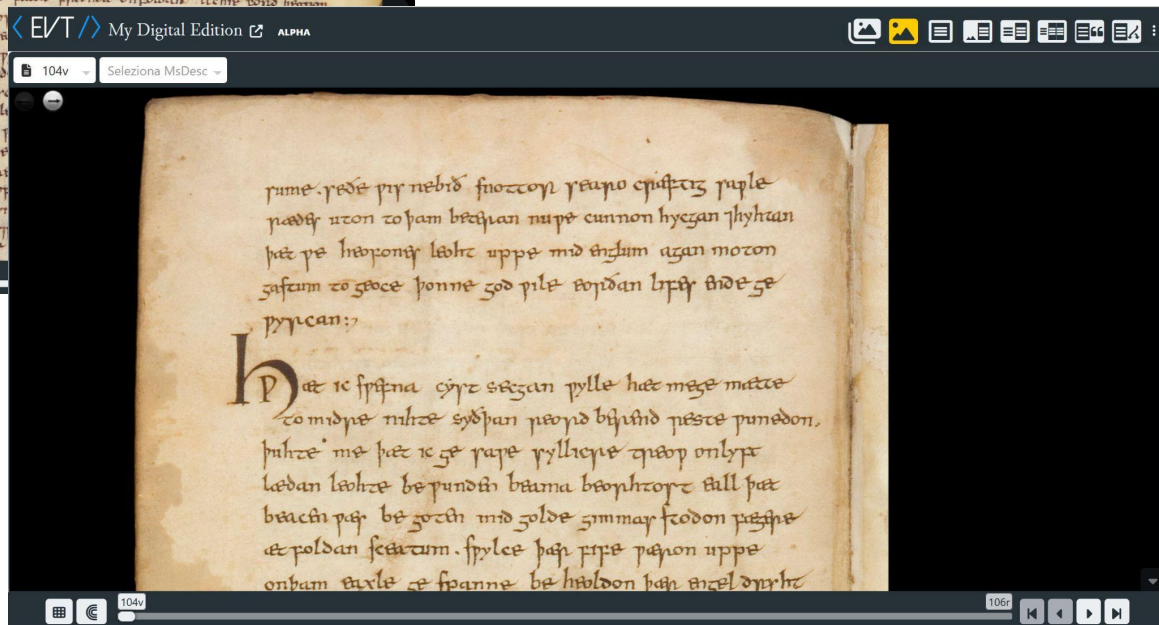
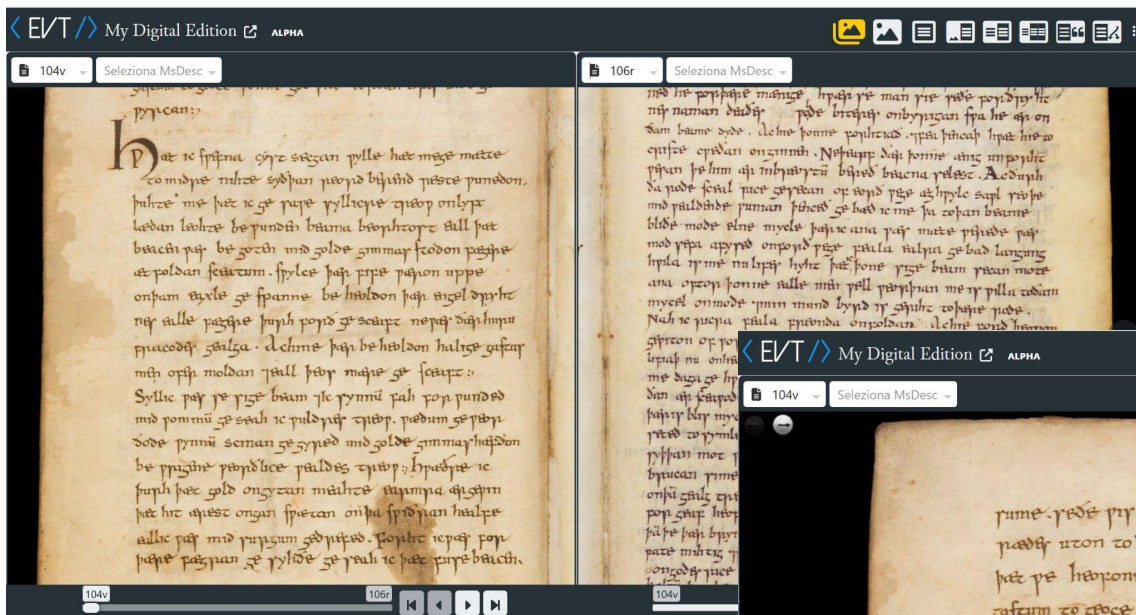
Export Tei

View in EVT



<<

New image-image and image-only views



Glossary visualization



▶ anstallin <i>sost. f. in -i</i> . 'Tradimento, fuga o abbandono dei compagni in battaglia'.						
Descrizione	Allogrifi	Etimologia	Bibliografia	Occorrenze	XML	
'Tradimento, fuga o abbandono dei compagni in battaglia'. Probabilmente un'espressione desueta già nell'ER.						
<i>Si quis contra inimicūs pugnando collegam suum dimiserit aut anstallin fecerit, id est si eum diceperit et cum eum non laboraverit, animae suae incurrat periculum.</i> (ER 7)						
FORME FLESSE						
anstalin acc. sing. <i>Si quis contra inimicūs pugnando collegam suum dimiserit aut anstalin fecerit, id est si eum diceperit et cum eum non laboraverit, animae suae incurrat periculum.</i> (ER 7)						
[altre forme flesse]						
OCCORRENZE IN ALTRI TESTI						
<i>Astalin. Id est decipere.</i> (Gloss. Matr. anstallin MS 2 anstallim MS 3 astalium MS 12)						
<pre><sense> <def>Tradimento, fuga o abbandono dei compagni in battaglia.</def> Probabilmente un'espressione desueta già nell'ER. </sense> <form> <orth>anstallin</orth> <gramGrp> <case value="nominative"/> <number value="singular"/> </gramGrp> <cit type="lemma"> <quote>Si quis contra inimicūs pugnando collegam suum dimiserit aut anstallin fecerit, id est si eum diceperit et cum eum non Laboraverit, animae suae incurrat periculum.</quote><!-- NB in realtà è un accusativo, cercare es. al nominativo --> <ref target="#ER_term_anstallin_07">ER 7</ref> </cit> </form></pre>						

16 VII Si **quis** contra inimicos pugnando **collegam** suum

17 dimiserit aut **anstallim**

▼ anstalin			
Info	Occurrences	Relations	XMLSource
i FORM: anstalin <ul style="list-style-type: none">TYPE: lemma			
i GRAMGRP:			
i FORM: anstalin Si quis contra inimicūs pugnando collegam suum dimiserit aut astalin fecerit, id est si eum diceperit et cum eum non laboraverit, animae suae incurrat periculum. id est si eum diceperit et cum eum non laboraverit			
i FORM: anstalin Si quis contra inimicūs pugnando collegam suum dimiserit aut astalin fecerit, id est si eum diceperit et cum eum non laboraverit, animae suae incurrat periculum. id est si eum diceperit et cum eum non laboraverit <ul style="list-style-type: none">TYPE: inflected			
i CIT: Astalin. Id est decipere			
i FORM: astalin MSS 1, 5, 8, 9, 10, 11; Gloss. Matr. anstallin MS 2 anstallim MS 3 astalium MS 12 <ul style="list-style-type: none">TYPE: variants			
i SENSE: Tradimento, fuga o abbandono dei compagni in battaglia. Probabilmente una parola antica, tale da necessitare una spiegazione nella glossa			

From mockup ...

... to visualization in EVT 3

Configuration files



```
{
  "editionTitle": "The Dream of the Rood",
  "badge": "beta",
  "editionHome": "http://vbd.humnet.unipi.it/beta2/",
  "availableEditionLevels": [
    {
      "id": "diplomatic",
      "label": "diplomatic",
      "enable": true,
      "hidden": false
    },
    {
      "id": "interpretative",
      "label": "interpretative",
      "enable": true,
      "hidden": false
    },
    {
      "id": "critical",
      "label": "critical",
      "enable": true,
      "hidden": false
    }
  ]
}
```

From 3-4 JSON files ...

```
#Edition Main Information
#Choose a title for your edition. If you left it blank the default
'EVT Viewer' will be shown. If you specify an external web site there
will be a link pointing to it.
#You can also add a custom logo that will appear before the edition
title: just indicate the path to it; it can be a URL or a relative
path: we suggest you to put it into data and point to it (es. data/
myLogo.jpg).
editionTitle: "My Digital Edition"
badge: "beta"
editionHome: "http://evt.labcd.unipi.it/"

#Edition data
editionUrls:
  type: "main"
  value: "assets/data/IRT0002.xml"
  enable: true
editionImagesSource:
  manifest:
    value: "https://www.e-codices.unifr.ch/metadata/iiif/csg-0730/manifest.json"
    enable: false
  graphics:
```

... to only one YAML file



The roadmap the 1st half of 2025

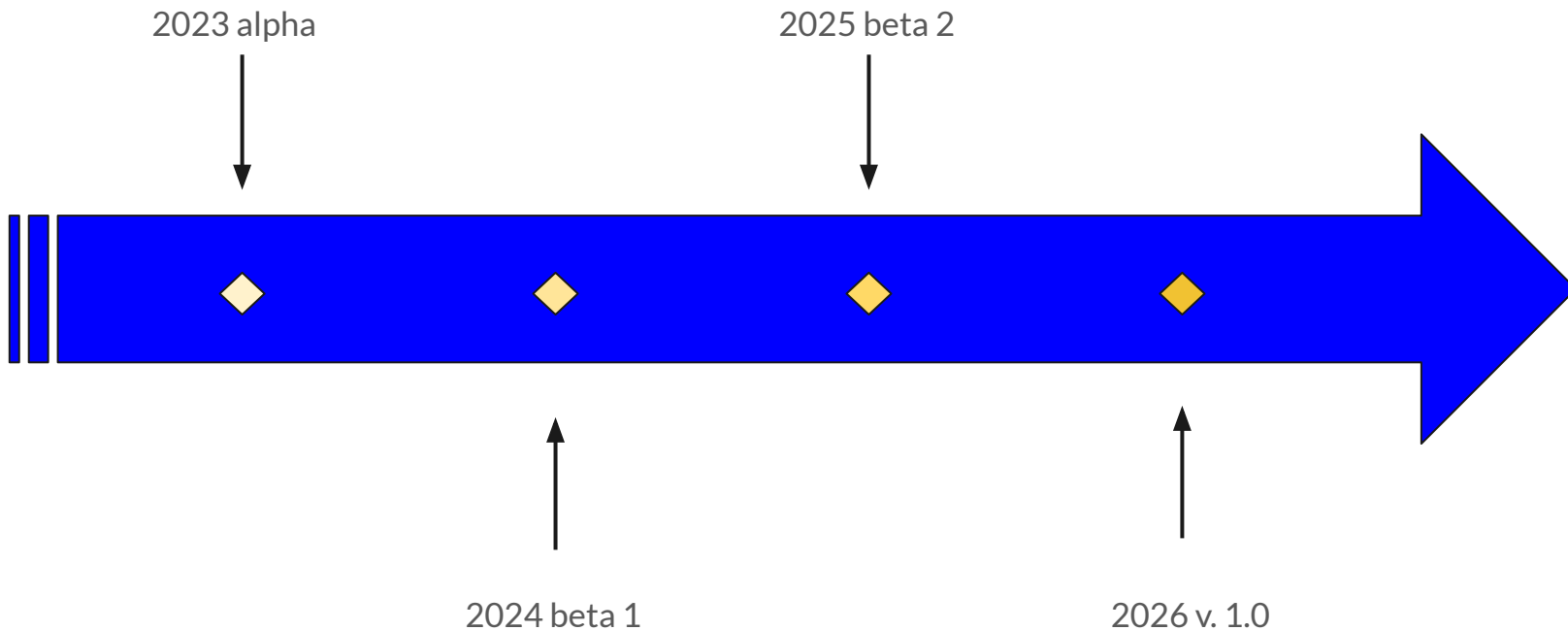
- first important step: merging accessibility, DEPA and EVT as a service branches on develop
- second step: improving support for digital facsimile and diplomatic editions then merge these branches on develop
 - this will improve the feature set that will be available on the old parser
- third and fourth steps: migrating EVT 3 on the new parser **and** on Angular 18/19 at the same time
 - this will make it possible to have synoptic editions and depa at the same time, paving the way for the integrated edition
 - updating Angular will grant structural and performance gains



The roadmap for the 2nd half of 2025

- refining existing features
 - digital facsimile: image annotation, IIIF support
 - critical edition: refining of the apparatus frame
 - introduction of the editorial conventions configuration file
 - authorial philology: new critical view with “custom” collation view
- introducing new important features:
 - text search engine + advanced TEI document query
 - support for glossaries and dictionaries
 - user annotation (?)
 - georeferencing (?) + timeline (?)
- the final goal: **a 1.0 version** at some point in 2026

General EVT 3 roadmap





The EVT team

- Current members

- Roberto Rosselli Del Turco project founder, funding hunter, documentation
- Chiara Di Pietro EVT 2 and 3 designer
- Renato Caenaro (SilentWave) general coordination, new parser, depa support etc.
- Davide Cucurnia genetic criticism, accessibility improvements
- Chiara Martignano critical edition support, MEI support
- Federica Spinelli EVT as a service, OVI collaboration

- Development partner: SilentWave (<https://www.silentwave.eu/>)

- Former developers / collaborators

- Raffaele Masotti
- Giulia Cacioli
- Jacopo Pugliese
- Julia Kenny
- Giacomo Cerretini
- Simone Zenzaro




● References

- Di Pietro, Chiara, e Roberto Rosselli Del Turco. 2018. «Between Innovation and Conservation: The Narrow Path of User Interface Design for Digital Scholarly Editions». In *Digital Scholarly Editions as Interfaces*, 12:133–63. Schriften Des Instituts Für Dokumentologie Und Editorik. Norderstedt: BoD. <https://kups.ub.uni-koeln.de/9085/>.
- Rosselli Del Turco, Roberto. 2019. «Designing an Advanced Software Tool for Digital Scholarly Editions». *Textual Cultures* 12 (2): 91–111. <https://doi.org/10.14434/textual.v12i2.27690>.
- Monella, Paolo, e Roberto Rosselli Del Turco. 2020. 'Extending the DSE: LOD Support and TEI/IIIF Integration in EVT'. In *Atti Del IX Convegno Annuale AIUCD*. Available online: <http://www1.unipa.it/paolo.monella/aiucd2020/index.html>

● EVT resources on the web

- Home page: <http://evt.labcd.unipi.it/>
- Project page on GitHub: <https://github.com/evt-project/>
- GitHub repository for EVT 2: <https://github.com/evt-project/evt-viewer/>
- GitHub repository for EVT 3: <https://github.com/evt-project/evt-viewer-angular/>



Thank you for your attention!