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"...but what should I put in a digital apparatus?"
A not-so-obvious choice.

NEW TYPES OF DIGITAL SCHOLARLY EDITIONS

geolat
geografia per la letteratura latina
geography for latin literature

Maurizio Lana, Alice Borgna, Paolo Monella, Timothy Tambassi

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DIGITAL EDITION

(digital form of representation of textual information)

specific values?

1. **dynamism**

a digital edition is a dynamic resource which other digital systems can refer to

visual

2. better   **usability**

practical   text

3. enable to **use** computational methods on → information

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about representation of textual information…

TEXT AND SENSE

- Text   (textual philology)   →   Editor's job
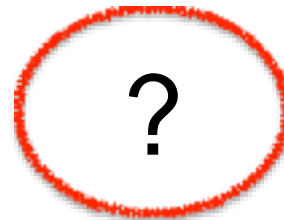- Sense   (intepretation)   →   ~~Editor's~~ Critic's job?

Cf. Luke 23:43

"Truly I say to you today, you will be with me in Paradise"

"Truly I say to you, today you will be with me in Paradise"

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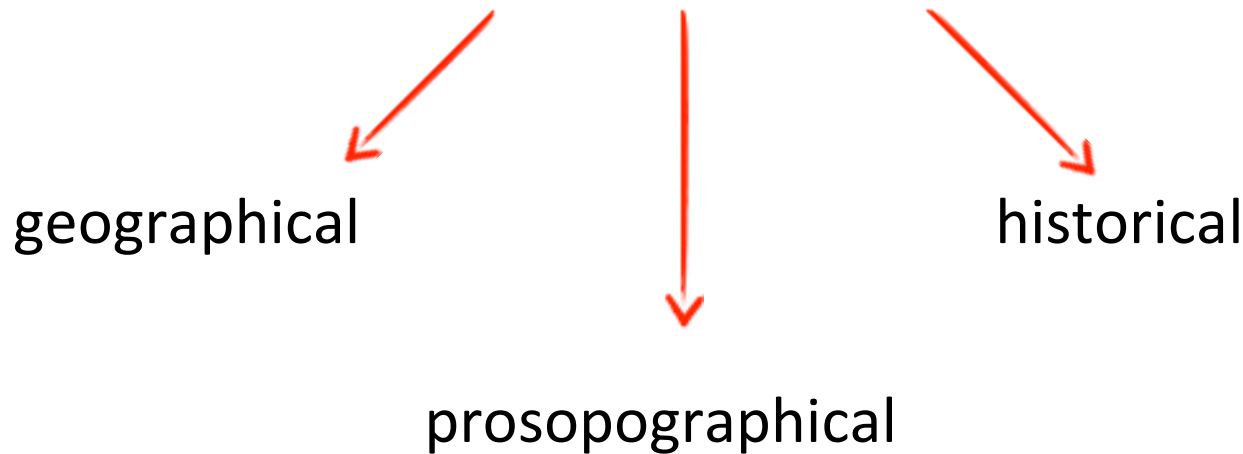
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digital scholarly edition

=

digital scholarly **variorum** edition

?

or…maybe…

…other forms?

based on other kind of knowledge contained in the text

geographical   historical

prosopographical

…and much more

OUR
PROPOSAL

a digital **scholarly** edition

often is meant as

a digital *variorum* edition

but we can think also of

scholarly **geographical** edition.

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and more opportunities.…

scholarly geographical edition

apparatus = analytical description of the geographical knowledge contained in the place-names

digital

variorum geographical edition

geographical apparatus layered over a standard critical edition

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A FORMAL REPRESENTATION OF KNOWLEDG

we need ontologies
to formally describe
the geographical knowledge

WHAT IS AN ONTOLOGY

an ontology is a structure aimed to analyse the categorical hierarchy of a specific domain, describing:

- its basic constituents (entities like objects, events, processes, etc.)
- the properties characterizing them
- the relationships which correlate them

ADVANTAGES IN USING AN ONTOLOGY...

if you want to describe a knoledge domain:

- resolving conceptual or terminological inconsistencies

- providing a dictionary of terms formulated in a canonical syntax and with commonly accepted definitions

- providing a lexical or taxonomic framework for the representation of knowledge, shared by different communities of information systems that can range across several domains
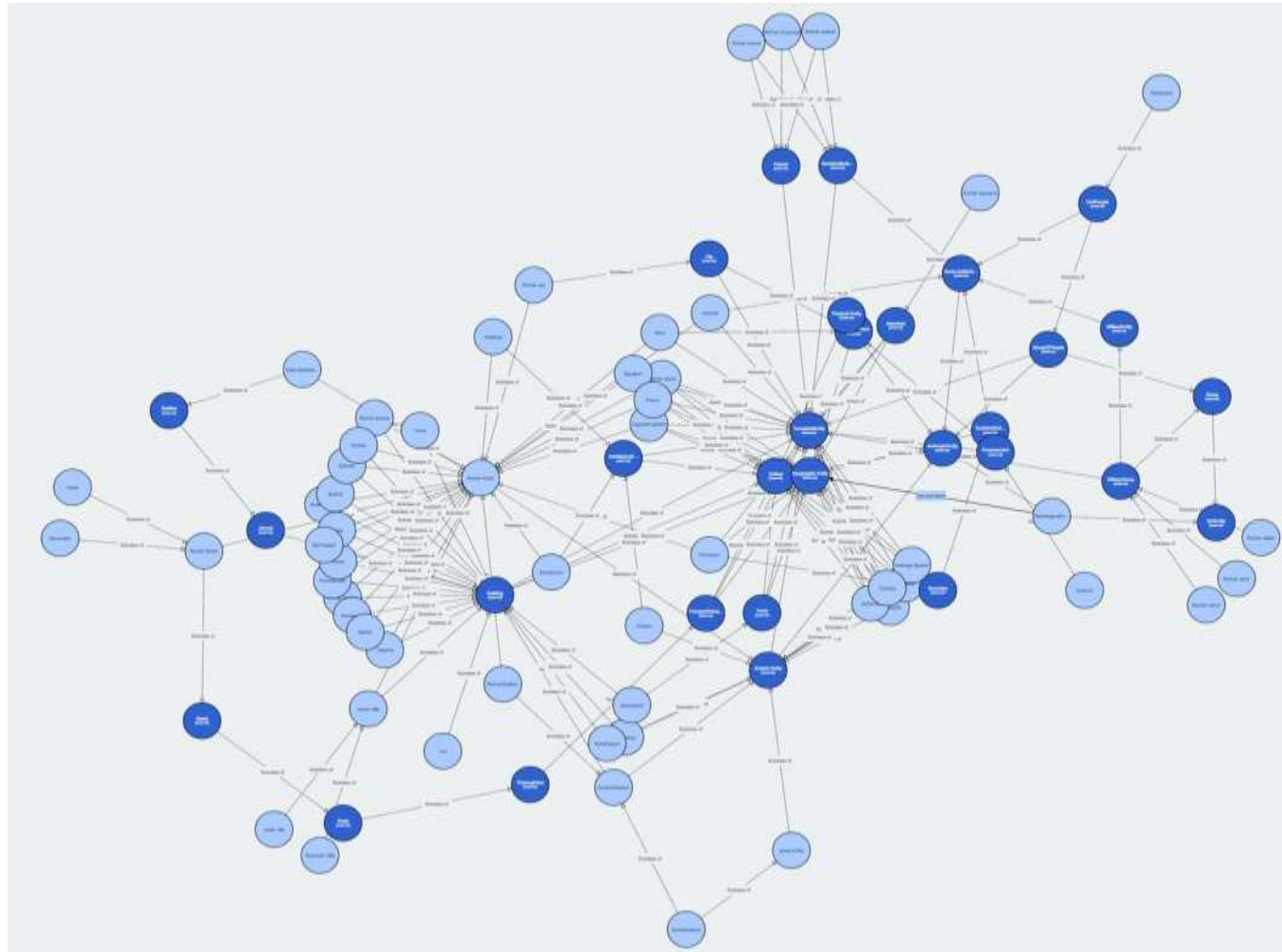
A FORMAL REPRESENTATION OF KNOWLEDG

at Geolat we developed from scratch GO!
a geographical ontology in 4 modules:
GO-TOP GO-HUM
GO-PHY   GO-FAR

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THE IRIs for GO!

- https://w3id.org/geolit/ontologies/GO-TOP
  https://w3id.org/geolit/ontologies/GO-PHY
  https://w3id.org/geolit/ontologies/GO-HUM
  https://w3id.org/geolit/ontologies/GO-FAR

- **under revision ! – not finished yet!**

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THE GRAPH of GO-FAR

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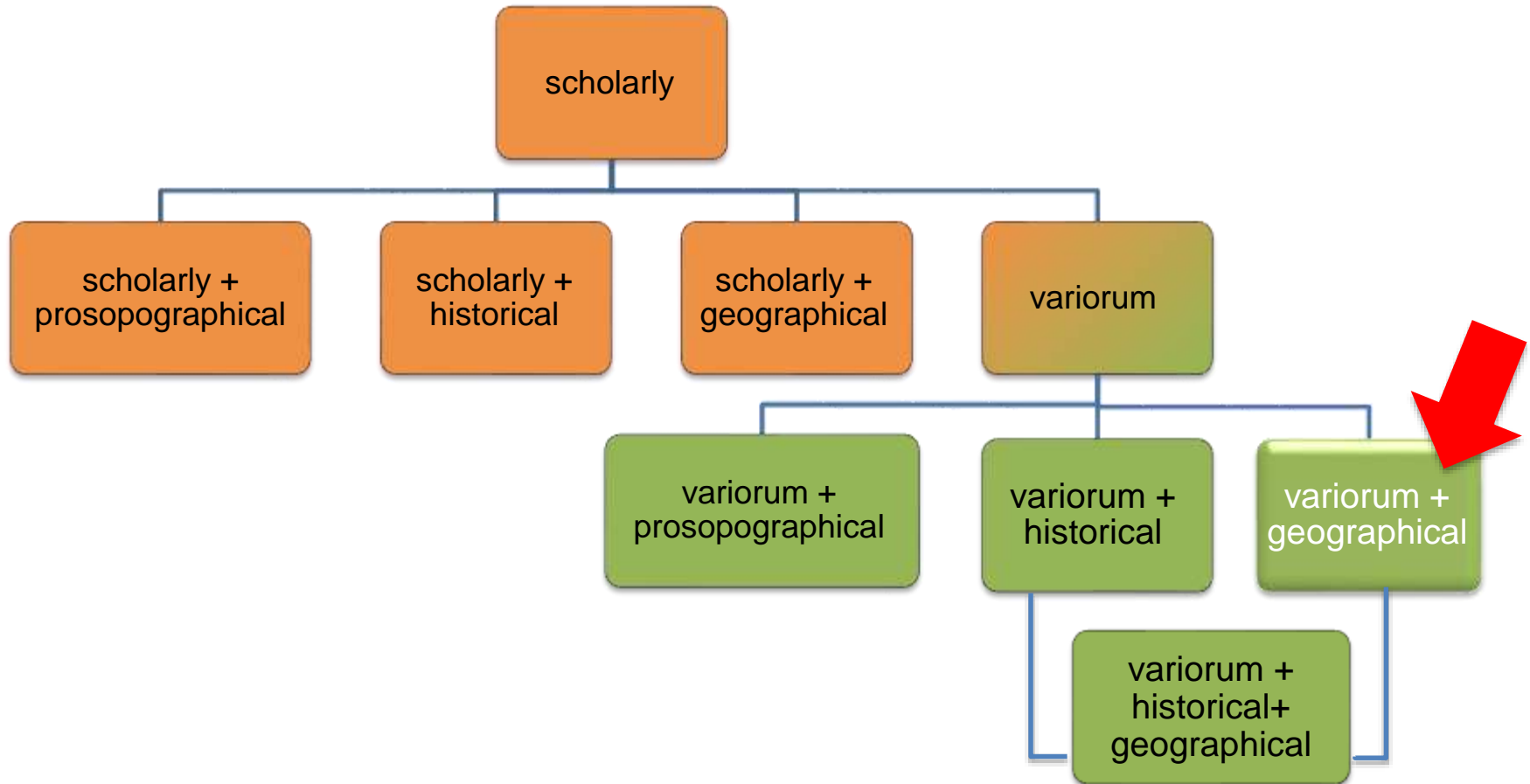geografia per la letteratura latina
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actual and foreseeable types of digital editions (1)

actual and foreseeable types of digital editions (2)

```
                          scholarly

  scholarly +      scholarly +     scholarly +       variorum
  prosopographical  historical     geographical

                              variorum +     variorum +     variorum +
                              prosopographical historical    geographical

                                                    variorum +
                                                    historical+
                                                    geographical
```

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what is a Scholarly **variorum** **geographical** edition ?!

scholarly geographical edition

scholarly variorum edition

variants are textual:

    "Alexandria" (MS A) or

    "Alalia" (MS B)?

variants are semantic:

    all MSS: "Alexandria"

    → Alexandria of Egypt??
        (http://pleiades.stoa.org/places/72707)

    → Alexandria Eschate??
        (http://pleiades.stoa.org/places/59672)

scholarly variorum geographical edition

search results / filtering / visualization on map
    include:

- both "Alexandria" (MS A) and "Alalia" (MS B)
- both geographical interpretations for a passage (A. of Egypt or A. Eschate)
- with graphical differentiation

Maurizio Lana & co.
    16
    DiXiT Köln 16.3.2016

Digital Humanities + Classics

=

digital *variorum* editions

still very rare…

HOUSTON
WE
HAVE A
PROBLEM

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Digital Humanities + Classics

=

digital *variorum* editions

still very rare…

**HOUSTON
WE
HAVE A
PROBLEM**

digital *variorum* editions + geographical knowledge

=

digital *variorum* geographical editions

never seen until now…

**ORBITER
WHAT
A SILLY THING
TO SAY**

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