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

New types of digital scholarly editions

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DIGITAL EDITION

specific values?

1. dynamism
   visual
   practical

2. better

3. enable to use computational methods on text

(digital form of representation of textual information)

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

information
about representation of textual information...

TEXT AND SENSE

• Text (textual philology) → Editor’s job
• Sense (interpretation) → Editor’s Critic’s job?

“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”
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.
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
A FORMAL REPRESENTATION OF KNOWLEDGE

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 knowledge 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 KNOWLEDGE

at Geolat we developed from scratch GO!
a geographical ontology in 4 modules:
GO-TOP  GO-HUM
GO-PHY    GO-FAR
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!
THE GRAPH of GO-FAR
actual and foreseeable types of digital editions (1)

- Scholarly
  - Scholarly + prosopographical
    - Scholarly + prosopographical + historical
  - Scholarly + historical
  - Scholarly + geographical
  - Variorum
actual and foreseeable types of digital editions (2)
what is a Scholarly **variorum geographical 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)

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
Digital Humanities + Classics
= digital variorum editions

still very rare...
Digital Humanities + Classics = digital variorum editions

digital variorum editions + geographical knowledge = digital variorum geographical editions

still very rare...

never seen until now...
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