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Quinti Septimii Florentis Tertulliani ...
opera omnia, cum ..., Volume 1

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625 LIBER AD MARTYRES.

sit, spiritus promptus. Non ergo nobis blandiamur, A atheniensis? quæ conscientia conjurationis, cum propriea torqueretur a tyranno, et non prodidit conjuratos, et novissime lingua suam comedant in faciem tyranni expulit, ut nihil agere se sciarent tormenta, eis ultra perseverarent. Nam quod (7) hodie apud Lacedaemonias solemnitas maxima est, ἡ τελετὴ τοῦ φιλέα (ε), id est, flagellatio, non latet. In quo sacro, ante aram nobiles quaque adolescentes, flagellis affliguntur, astanib[us] parentibus et propinqnis, et uti perseverent adhortantibus. Ornamentum cuius et gloria deputabatur majore quidem titulo, si animo potius cesserit plagis, quam corpus. Ig[ue]r, si tantum terrena gloria licet de corporis et animi vigore, ut gladium, ignem, crucem bestias, tormenta contempnant, sui premio laudis humanae, possum dicere, modestie sunt ista passiones ad consecutionem gloriae coelestis et divina mercedis. Si tanti vitrum (f) ? quanti (8) margaritum ? Quis ergo non libentissime tantum pro vero habeatur oportet, quantum ali pro falso ?

CAPUT V.

Omitto nunc glorie causam. Eadem omnia seviti et cruciatus certamina, jam apud homines affectatio (g) quoque et moribus quida[m] animi conculavit. Quot otiosos affectatio armorum ad gladium (9) locat ? Certe ad feras ipsas affectione descendunt et de moribus et de cicatricibus formosiores sibi videntur. Jam et ad ignes quidam se autoraverunt, ut certum spatiu[m] in tunica ardente (h) conficerent. Alii inter venatorum taureas se pulsi patientissimi inambulaverunt. Hæc, benedicti, non sine causa Dominus in seculum admisit; sed ad nos et nunc (10) exhortandos, et in illi die confundendos, si reformidaverimus pati pro veritate in salutem, quæ alii affectaverunt pro vanitate in perditionem.

CAPUT VI.

Sed haec exempli constantie omittamus de affectionibus venientis. Convertamur ad ipsam conditionis humanae contemplationem. ut et illa nos ins-

<https://books.google.fr/books?id=tb4UAAAAQAAJ&hl=fr&pg=PA632#v=onepage&q&f=false>

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CORPUS CORPORUM

repositorium operum Latinorum apud universitatem Turicensem.

Tertullianus, Ad martyres, CAPUT III. <<< >>> CAPUT V.



Universität
Zürich

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(PL 1 0624C) CAPUT IV.

Scimus ex dominico praecepto, quod caro infirma ([0625A](#)) sit, spiritus promptus. Non ergo nobis blandiamur, quia Dominus consensit carnem infirmam esse. Propterea enim praeditix spiritus promptum, ut ostenderet, quid cui debeat esse subiectum, scilicet, ut caro serviat spiritui, infirmior fortiori, ut ab eo etiam ipsam fortitudinem assumat. Colloquatur spiritus cum carne de communi salute, nec iam de incommodis carceris, sed ipso agone et paelio cogitans. Timebit forsitan caro gladium gravem, et cricum excelsam, et rabiem bestiarum, et summam ignium poenam, et omne carnificis ingenium in tormentis. Sed spiritus contra ponat sibi et carni, acerba licet ista, a multis tamen aequo animo excepta, imo et ultra appetita, famae et gloriae causa; nec a viris tantum, sed etiam a foeminis, ut vos quoque, benedictae, ([0625B](#)) sexui vestro respondeatis. Longum est, si enumerem singulos, qui se gladio confecerint, animo suo ducti. De foeminis ad manum est Lucretia, quae vim stupri passa, cultrum sibi adegit in conspicuorum, ut gloriam castitati sua pareret, Mutius, manum suam dexteram in ara cremavit, ut hoc factum eius fama haberet. Minus fecerunt philosophi: Heraclitus, qui se bubulo stercore oblitum exsussit; item Empedocles, qui in ignes Aetnae montis dissilivit; et Peregrinus, qui non olim se rogo immisit: cum foeminae quoque contempserint ignes: Dido, ne post virum dilectissimum nubere cogeretur; item cum Asdrubalis uxor, quae iam ardente Carthagine maritum suum supplicem Scipionis videret, cum filii suis in incendium patriae devolavit. Regulus, dux Romanorum, ([0625C](#)) captus a Carthaginensisibus, cum se unum pro multis captivis Carthaginensisibus compensari noluisset, maluit hostibus reddi et in arcae genus stipatus undique extrinsecus clavis transfixus, tot cruces sensit. Bestias foemina libens appetit, et utique aspides, serpentes tauro vel urso horridiores, quas Cleopatra immisit sibi, ne in manus inimici perveniret. Sed mortis metus non tantus est, quantus tormentorum. Itaque, cessit carnifici meretrix ([0626A](#)) atheniensis? quae conscientia coniurationis, cum propterea torqueretur a tyranno, et non prodidit coniuratos, et novissime lingua suam comestam in faciem tyranni exspuit, ut nihil agere se scient tormenta, etsi ultra perseverarent. Nam quod hodie apud Lacedaemonias solemnitas maxima est, διηρεστήσωσι, id est, flagellatio, non latet. In quo sacro, ante aram nobiles quique adolescentes, flagellis affliguntur, astantibus parentibus et propinquis, et uti perseverent adhortantibus. Ornamentum enim et gloria deputabatur maiore quidem titulo, si anima potius cesserit plagis, quam corpus. Igitur, si tantum terrenae gloriae licet de corporis et animi vigore, ut gladium, ignem, crucem bestias, tormenta contemnant, sub praemio laudis humanae, possum dicere, modicae sunt istae passiones ([0626B](#)) ad consecrationem gloriae coelestis et divinae mercedis. Si tanti vitrum? quanti margaritum? Quis ergo non libertissime tantum pro vero habeat erogare, quantum alii pro falso?

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Queries HELP

Search in Tertullianus
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carceris

form analysis and translation based on Perseus (Version 2010):

GEN S M

carcer N a prison, jail:

Georges, Ausführliches lateinisch-deutsches Handwörterbuch, 8. Aufl. (1913)

carcer, éris, m. (*sikulisch* κόρκαπον), die *Umfriedung*, die *Umaunung*, dah. I) das *Gefängnis*, der *Kerker*, *Gewahrsam*, A) eig.: nervus, carcer, moletrina, Cato fr.: ostium carceris, Cic.: ianitor carceris, Cic.: custos carceris, Manil. u. carcerum custodes, Firm. math.: ratio carceris, Cic.: plenus carcer damnatis, Sen. rhet.: vadere in carcerem, (show full text)

Lewis & Short, A Latin dictionary (1879)

carcer, carcer, éris, m. Sicilian κόρκαπον; cf. O. Müll. Etrusk. 1, p. 13; etym. dub.; cf. scrinium, an enclosed place; hence, A prison, jail (syn.: custodia, vincula): si tresviri me in carcerem conpegerint, Plaut. Am. 1, 1, 3; id. Poen. 3, 3, 79; Lucr. 3, 1016; (show full text)

Gaffiot, Dictionnaire latin-français (2016, ex 1934), merci à G. Gréco, M. De Wilde, B. Maréchal, K. Ôkubo!

carcer carcér, éris, m.. 1 prison, cachot: in carcerem coniicerit aliquem Cic. Nat. 2, 6. ieter qqn en prison ; in carcerem demissus Liv. 34, 44, 8 : conditus Liv. 29, 22, 7. ieté, enfermé dans un cachot II tout endroit où l'on (show full

http://www.mlat.uzh.ch/MLS/xpl_line.php?table=Terrullianus_cps999&rumpfid=Terrullianus_cps999,%20Ad%20martyres,%20%20%204&id=Terrullianus_cps999,%20Ad%20martyres,%20%20%204,%20%20%20%20%20%201&pl_jump=1&corpus=2&lang=0&pl_line=0625A

The screenshot shows a website for "The Anne Finch Digital Archive". The header features the title "The Anne Finch Digital Archive" in a stylized script font. A search bar with the placeholder "Search Anne Finch" and a link to "Advanced Search" are located at the top right. On the left, a sidebar contains a "TABLE OF CONTENTS" with links to "HOME", "PREFACE", "FEATURED POEMS", "HENEAGE FINCH", and "BIBLIOGRAPHY". Below this are sections for "ABOUT THE PROJECT" and "ACKNOWLEDGMENTS". The main content area displays the poem "A Song" with its text and a table of contents. The poem's text is as follows:

'Tis strange, this heart within my breast,
Reason oposing, and her powrs,
Cannot one gentle moment rest,
Unlesse itt knows what's done in yours.

In vain, I ask itt of your eyes,
Which subtly wou'd my fears controul,
For art, has taught them to disguise
Which nature made, t'explain the Soul.

In vain, that sound, your voyce affords
Flatters sometimes, my easy mind,
But of too vast extent are words,
In them, the Jewel truth to find.

Then lett my fond enquiryrs, cease,
And so let all my troubles end,
For sure, that heart shall ne'r know peace,
Which on another's, does depend.

[Hear this poem](#)

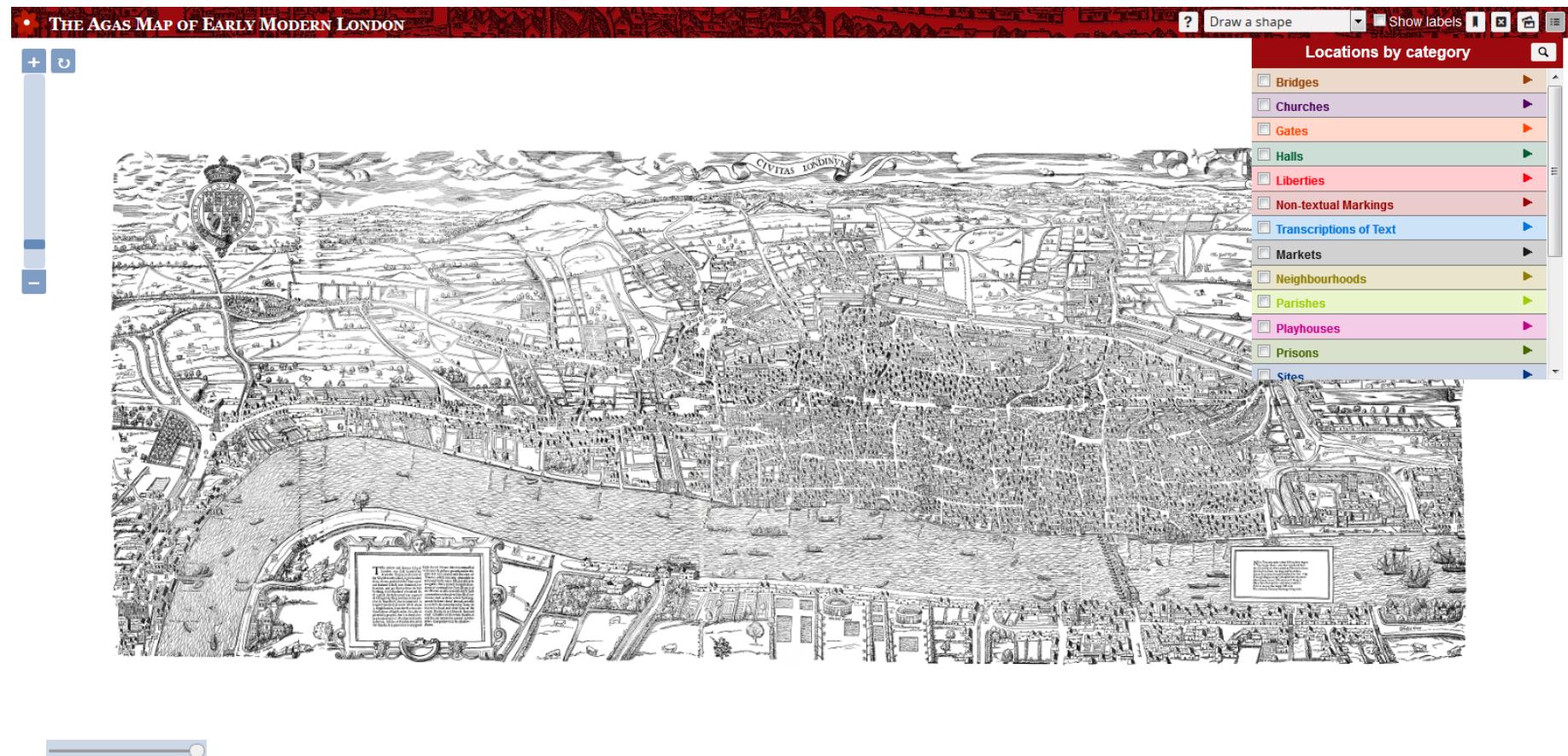
ABOUT THE POEM

The psychology of courtship on display in this song prompted Charles H. Hinnant to observe that, like many of Finch's songs and poems, the work reflects an "obsession with love's uncertainties" (*The Poetry of Anne Finch: An Essay in Interpretation* [Newark: Univ. of Delaware Press, 1994], pp. 52-53). Finch's song resembles those incorporated into plays, which reflect courtship dynamics betwee

<http://library.uncg.edu/dp/annefinch/item.aspx?pkwork=182&pkwitness=853>

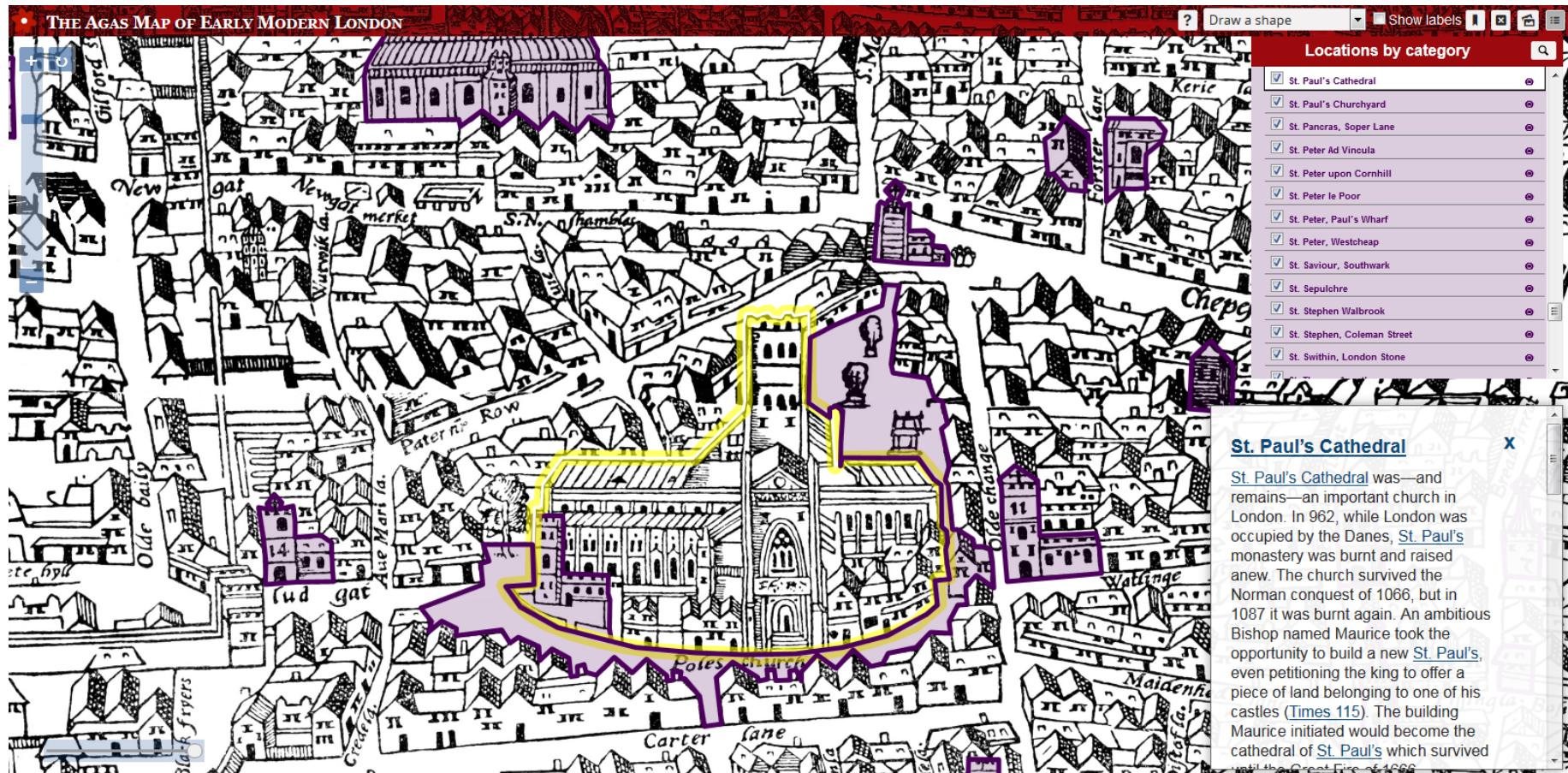
The screenshot shows the homepage of The University of North Carolina at Greensboro (UNCG). The header features the UNCG logo, the text "THE UNIVERSITY of NORTH CAROLINA GREENSBORO", and several navigation links: Future Students, Current Students, Faculty & Staff, Alumni, and Community & Friends. A "CAMPUS LINKS" section is also present. Below the header is a search bar containing the query "site:library.uncg.edu/dp/annefinch controul". The search results page displays two items:

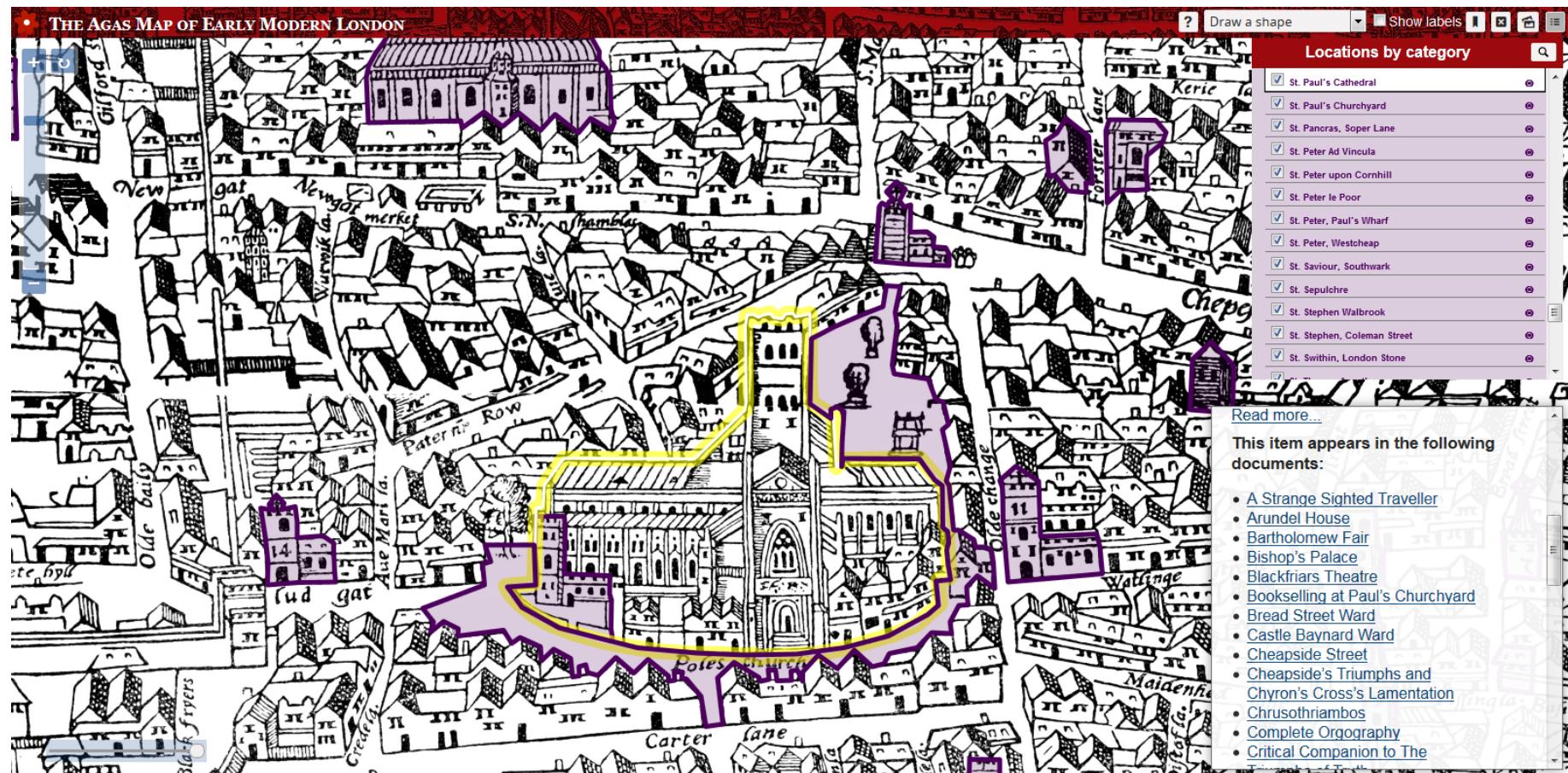
- 'Tis strange, this heart within my breast text: Anne Finch Digital ...**
... knows what's done in yours. In vain, I ask it of your eyes, 5 Which subtly wou'd my fears **controul**, For art, has taught them to disguise Which nature made, t'explain the Soul. In vain, that sound ...
library.uncg.edu/dp/annefinch/item.aspx?pkwork=182&pkwitness=853
18k – [Cached](#)
- Anne Finch Transcript**
... knows what's done in Yours. In vain I ask it of your Eyes, Which subt'lly wou'd my Fears **controul**, For Art has taught them to disguise, Which Nature made t' explain the Soul. In vain that Sound, your ...
library.uncg.edu/dp/annefinch/transcriptOnly.aspx?pkwork=182&pkwitness=853&sc=855
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A STRANGE SIGHTED TRAVELLER

* List documents mentioning A Strange Sighted Traveller

1

AN honeft Country foole being gentle bred,
Was by an odde conceited humor led,
To trauell and fome English fathions fee,
With fuch strange fightes as heere at London be.
Stuffing his purfe with a good golden some,
This wandring knight did to the Cittie come,
And there a furingman he entertaines,
An honefter in Newgate not remaines.
He fhew'd his Maifter fightes to him moft strange,
Great tall [Pauls Steeple](#) and the royll-Exchange:
The Boſſe at Billings-gate and London ftonne,
And at [White Hall](#) the monftrous great Whales bone,
Brought him to the banck-fide where Beares do dwell
And vnto [Shor-ditch](#) where the whores keepe hell,
Shew'd him the Lyons, Gyants in [Guild-Hall](#),
King Lud at [Lud-gate](#) the Babounes and all,
At length his man, on all he had did pray,
Shew'd him a theeuifh trick and ran away,
The Traueller turnd home exceeding ciuill,
And fwore in London he had feene the Deuill.



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St. Paul's Cathedral

St. Paul's Cathedral was—and remains—an important church in London. In 962, while London was occupied by the Danes, St. Paul's monastery was burnt and raised anew. The church survived the Norman conquest of 1066, but in 1087 it was burnt again. An ambitious Bishop named Maurice took the opportunity to build a new St. Paul's, even petitioning the king to offer a piece of land belonging to one of his castles (Times 115). The building Maurice initiated would become the cathedral of St. Paul's which survived until the Great Fire of 1666.

[Read more...](#)

This item appears in the following documents:

[A Strange Sighted Traveller](#)

Close Min

Variants for paragraph 1

- 1 Sententiarum] Magistri Petri Plaoul add. R SV
 - While an important addition that identifies the author of this phrase, it is also out of place. Text is clearly referring to the prologue of Lombard "in which he [Lombard] says." It seems likely that later scribes somewhat violently added Plaoul's name here as part of way identify the author of the following commentary.
- 2 clypeis] om. V
- 3 in] om. R SV S
 - We prefer the inclusion of "in" here because we think it is important read "causa" in the ablative case, and because

Max ▲ 50% Min ▾ Close

Paragraph no. 1 | Navigate: [Next](#) | Select Another Witness: [reims](#) [sorb](#) [svict](#) [vat](#)

**pure humanitus adinventam iudex idoneus ferret pro fide
sententiam]**

- 1 Circa prologum *Sententiarum* [1] in quo MAGISTER dicit quod intentionis sua est "munire Davidicam turrim vel potius munitam ostendere clypeis [2] " [a] etc, quaero istam quaestionem: utrum in [3] causa iudiciali fidei contra traditionem [4] pure humanitus adinventam iudex ido [3 -- in] om. R SV S

[Comments](#) ▾[Manuscript Images](#)[Paragraph Text Tools](#) ▾**[Conclusio]**

- 2 Et in primis protestatur quod fides non subicitur humano iudicio, et haec est una conclusio. Patet quia fides est donum Dei supernaturale et est de illis de quibus

[Text Tool Bar](#)[Text Home](#)[Text Outline](#)[Previous](#)[Next](#)[Available Transcriptions](#)[Text Tools](#) ▾scta.lombardpress.org/text/lectio1#lbp-variant3

Plaoul Commentary

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Commentary on the Sentences by Peter Plaoul

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Jeffrey Witt / lectio1

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	erlang_lectio1.xml	18.7 KB	2014-02-22	/Users/JCWitt/WebPages/petrusplaoul-mirror/projectfiles/Textfiles
	lectio1.xml	79.6 KB	2016-07-06	started adjusting app types to reflect to schema guidelines; also shifted ref->seg to cit->ref
	notes_lectio1.xml	8.5 KB	2014-07-06	auto
	pal_lectio1.xml	27.6 KB	2014-02-22	/Users/JCWitt/WebPages/petrusplaoul-mirror/projectfiles/Textfiles
	reims_lectio1.xml	42.7 KB	2015-03-09	Auto generated facsimile, surface, and zone coordinates into all diplomatic transcriptions
	sorb_lectio1.xml	42.8 KB	2015-03-09	Auto generated facsimile, surface, and zone coordinates into all diplomatic transcriptions
	svict_lectio1.xml	44.5 KB	2015-03-09	Auto generated facsimile, surface, and zone coordinates into all diplomatic transcriptions
	vat_lectio1.xml	36.7 KB	2015-03-09	Auto generated facsimile, surface, and zone coordinates into all diplomatic transcriptions
	versionlog_lectio1.xml	1.6 KB	2013-08-12	test of function commit message

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Information for: Lectio 1, De fide

(select links below for more information)

Publication Information (publInfo datastream | metadata count: 4)

dc11:title	Lectio 1, De fide
http://scta.info/property/ status	draft
http://www.loc.gov/loc.terms/relators/ AUT	http://scta.info/resource/peter-plaoul
rdf:type	http://scta.info/resource/expression

Content Information (contentInfo datastream | metadata count: 0)

Linking Information (linkingInfo datastream | metadata count: 6)

dc:isPartOf	http://scta.info/resource/pp-deFide
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http://scta.info/property/ hasManifestation	http://scta.info/resource/lectio1/reims
http://scta.info/property/ hasManifestation	http://scta.info/resource/lectio1/sorb
http://scta.info/property/ hasManifestation	http://scta.info/resource/lectio1/svict
http://scta.info/property/ hasManifestation	http://scta.info/resource/lectio1/vat

Uncategorized (misclInfo datastream | metadata count: 55)

http://scta.info/property/ editedBy	Jeffrey C. Witt
http://scta.info/property/ expressionType	http://scta.info/resource/lectio
http://scta.info/property/ gitRepository	https://bitbucket.org/jeffreycwitt/lectio1

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William de Rothwell - Aarau, Aargauer Kantonsbibliothek, MsWet...

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Augustinus

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Augustinus

Canvas 109r

Utrum trinitas vere
praedicitur de essentia
Responsio sic propter omni
modam ydemptitatem
identitatem essentiae ad
totam trinitatem Idem

AUGUSTINUS

Canvas 109v

Utrum genuerit eum natura
Responsio sic quia est natura
filius ut dicit AUGUSTINUS in
littera quia generare est actus
naturae

Canvas 109v

Utrum genuerit eum
secundum rationem
exemplaris vel ydeae ideae
Responsio aliquid procedere

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329 items



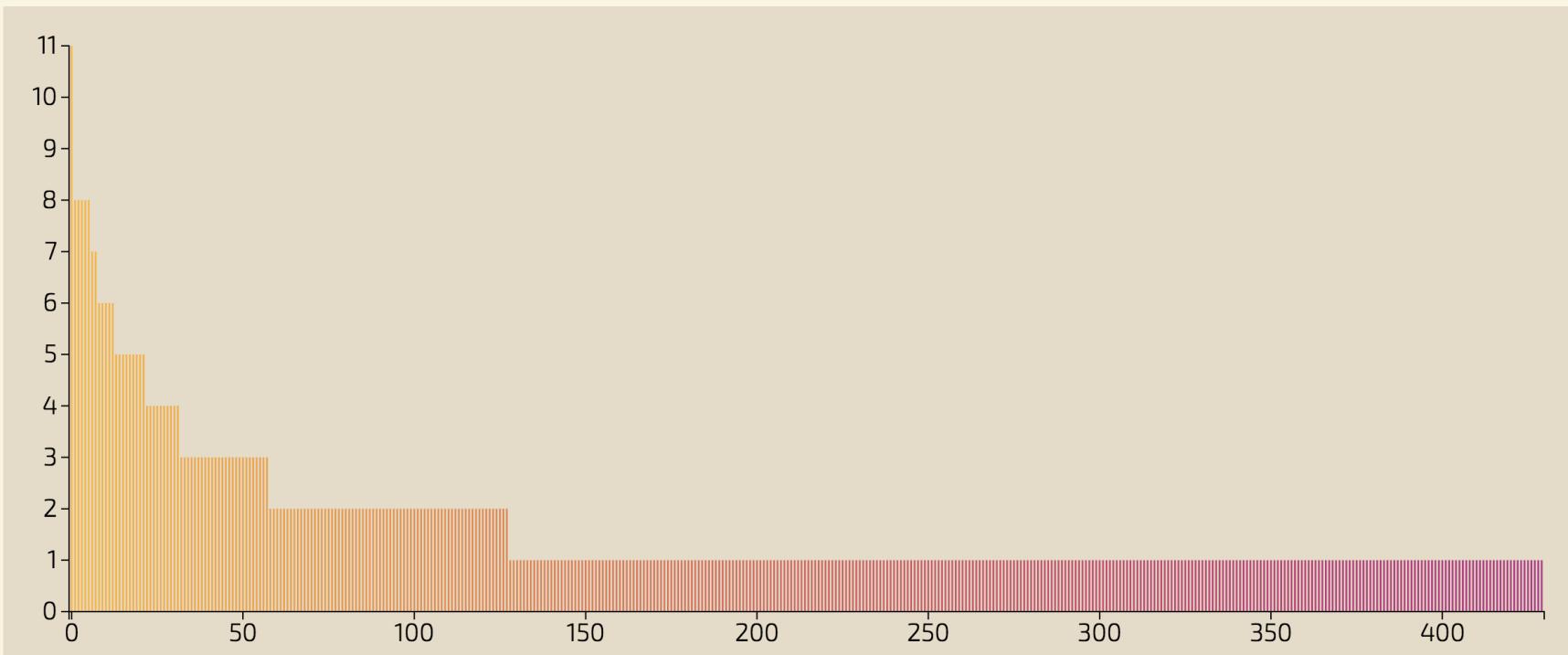
Peter Lombard – Paris,...
318 items

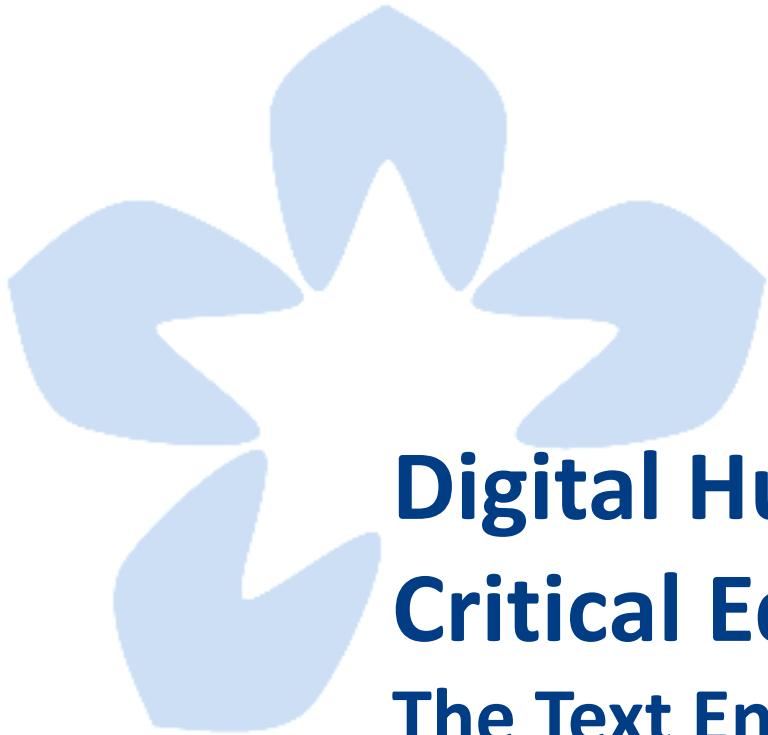


Frequency of Use of Biblical Quotations

A Graph that shows the frequency of use of biblical quotations in medieval Sentences commentaries

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Digital Humanities and Critical Edition: The Text Encoding Initiative



Bibliographic search

**Digital libraries of manuscripts
and rare books**

Identifying texts in manuscripts

Computer assisted collation

Computer-assisted stemmatics

Identifying sources in a text

Structuring the edited text

Analysing the edited text

WHY?



- ❖ To share a common modelling
- ❖ To privilege sense over sensibility aspect
- ❖ To be free from proprietary formats

HOW?



The Text Encoding Initiative (TEI)

- ❖ Rules for modelling (the *Guidelines*)
- ❖ A way to implement those rules (XML schema)
- ❖ A community of users (the TEI Consortium)

XML?



- ❖ eXtensible Markup Language
- ❖ Uses „tags“, which may have „attributes“
- ❖ TEI XML = full-text + database

11.3.
Doms de la Ch. Seign.
1253.
113/3

Archimand^r senec comes de giboz et M. comitissa uxor illi. omib^s p^{re}sente pagina^m intuentib^s salt in omniū salvatore. Qm labilis
est hōmī memoria. uerum uictoriae sanctū est ut ea que sunt sacerd^t testimoniū roboarent. Hocūt igit^r tā p^{re}sentes q̄ fūrū nos totū
uis q̄ hem^r in linguis lōcum qui mactant^r in villa sc̄i maurici de chablaia seu etiam reddit^r qui de p̄dēs linguis possunt gneure
gulisse eccl^e agnū. ad honore dī omnipotētis b^r nō glōse genitēs sue. beatorū martyrum mauricij sociorū q; ei in eadem eccl^e gneſcenctū
atq; omniū simul sc̄oꝝ. exigentib^s quod; mutis venerabilis i^r ip̄o. S. durma p^{ro}missione abbis i^r quēt^r deo & sanctis ibidem fūientū
& tenore p^{re}sontū gredin^r libalit^r & absolute impetū possidendos. ac insip^r i remissione mōrū & pētū atq; omniū antecessorū nōꝝ peccatum
inhibend. ne alijs nostre recessiōnī pagina^m audeat infringe. seu etiā ausu temario ei gerare. Qd signis diabolica suggestio^r psumbit accēp-
tare. indignationē dī omnipotētis & beatorū martyrum mauricij sociorū q; ei se senciat ieiurū. Dat anno dñi. 13. cc. 1. iij. vi. nonas iulij.

```
<p>
    <seg type="suscription"><lb/>Arthemandus senior comes de Quibor et
        <choice>
            <abbr>M</abbr>
            <expan>M<ex>argarita</ex></expan>
        </choice>
        comitissa uxor illius</seg> <seg type="salut">omnibus presentem paginam intuentibus
        salutem in omnium salvatore</seg>. <seg type="préambule">Quoniam labilis <lb/>est
        hominum memoria veterum auctoritate sanctitum est, ut ea que fiunt scripture testimonio
        roborentur.</seg>
</p>
```

1 Arthemandus senior comes de Quibor⁽²⁾ et M[argarita]⁽³⁾ comitissa uxor illius omnibus presentem paginam intuentibus salutem in omnium salvatore. Quoniam labilis [2]est hominum memoria veterum auctoritate sanctitum est, ut ea que fiunt scripture testimonio roborentur. Noverint igitur tam presentes quam futuri nos totum [3]jus quod habemus in linguis boum qui mactantur in villa sancti Mauricii de Chablasio, seu etiam redditus qui de predictis linguis possunt provenire, [4]contulisse ecclesie Agaunensi, ad honorem Dei omnipotentis, Beate et gloriose genitricis sue, beatorum martyrum Mauricii sociorumque ejus in eadem ecclesia quiescentium [5]atque omnium simul sanctorum, exigentibus quoque meritis venerabilium in Christo N[antelmi]⁽⁴⁾ divina permissione abbatis et conventus Deo et sanctis ibidem servientium, [6]et tenore presentium concedimus liberaliter et absolute in perpetuum possidendos ac insuper in remissionem nostrorum et parentum atque omnium antecessorum nostrorum peccaminum. [7]Inhibemus ne aliquis nostre concessionis paginam audeat infringere seu etiam ausu temerario ei contraire, quod si quis diabolica suggestione presumpserit attemp[8]tare indignationem dei omnipotentis et beatorum martyrum Mauricii sociorumque ejus se sentiat^(a) incursum. Datum anno Domini M° CC° L° III°, VI° nonas julii.

^asenciat sic pro sentiat

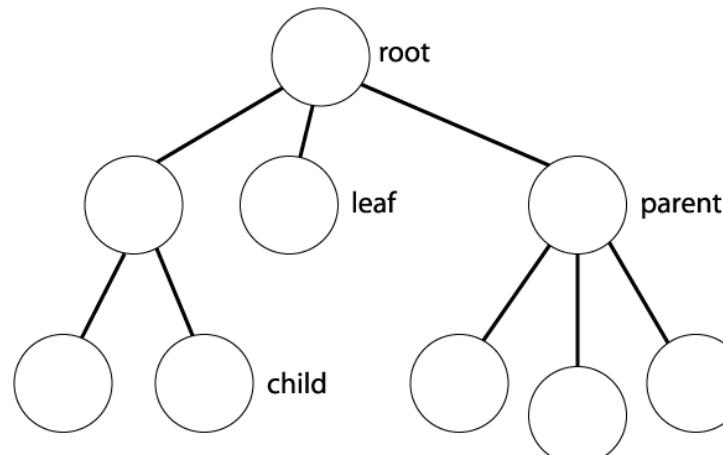
Suscription : décline l'identité de l'auteur de l'acte : nom personnel ± prénom personnel ± titre ± formule de dévotion (« par la grâce de Dieu » etc.), dite plus justement formule « de légitimation » par les diplomates allemands (cf. « évêque par la grâce du Saint-Siège »).

WE ARE FAMILY!



Representing the Text: XML

- ❖ Describes the data in a document with tags, optionally qualified with attributes
- ❖ Tree structure



XML SOURCE: AN EXAMPLE



```
<?xml version="1.0" encoding="UTF-8"?>  
<text>  
    <p n="1">I am reading a book by  
    <persName>Jack London</persName></p>  
    <p n="2">I live in  
    <placeName>London</placeName></p>  
</text>
```

WE ARE FAMILY!



Controlling the Text: TEI Schema

- ❖ provide rules for structuring the document beyond the rules of XML
- ❖ Implements the TEI Guidelines

WE ARE FAMILY!



Displaying the Text: CSS and XSLT

- ❖ CSS: simple, comes from the HTML world
- ❖ XSL: much more developed and powerful
- ❖ Usage:
 - Transforming XML into HTML, for display
 - Converting from one XML format to another

WE ARE FAMILY!

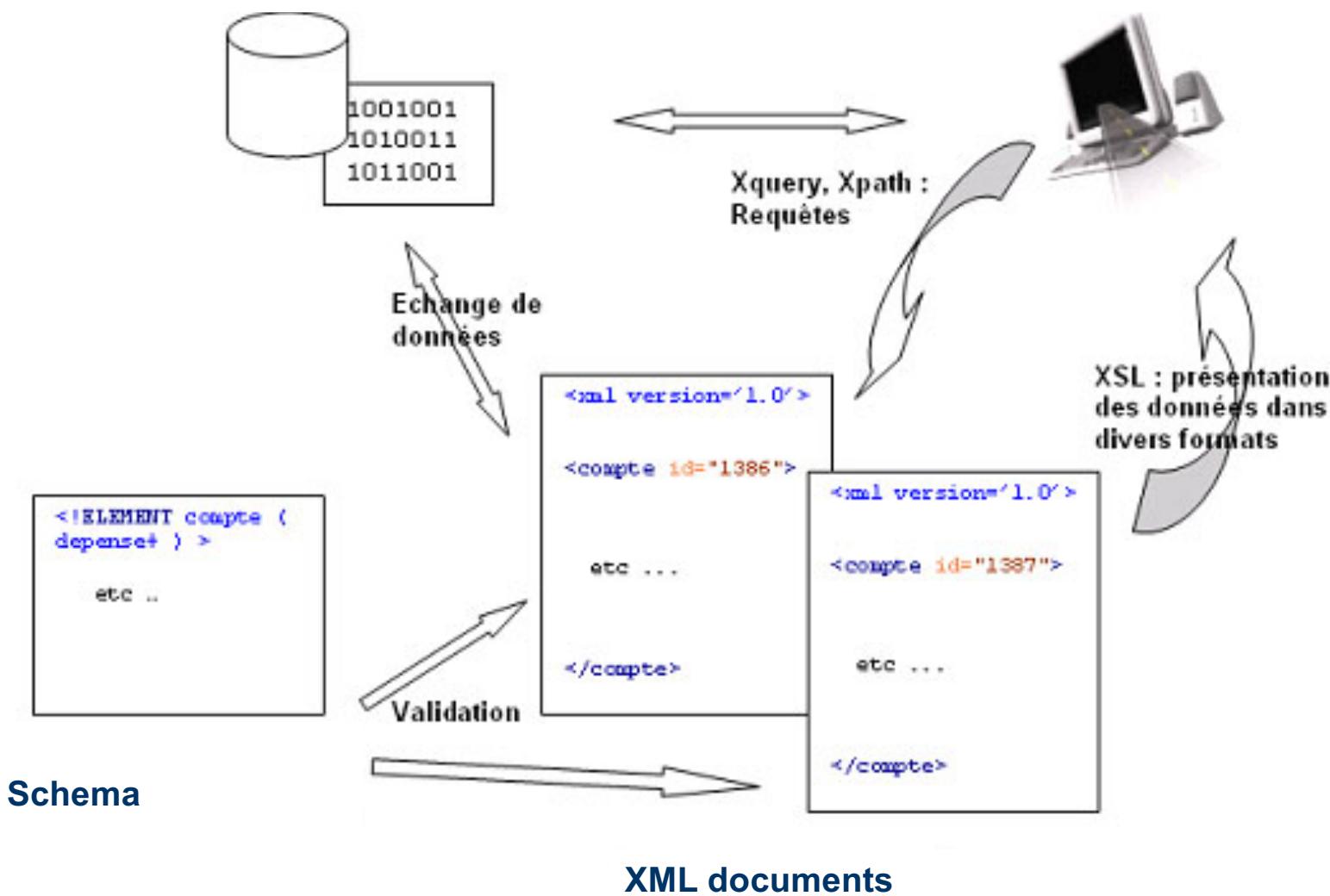


Querying the Text: XQuery and XPath

- ❖ Query languages, defined by W3C recommendations
- ❖ XQuery: more complex and powerful, but also more difficult to use
- ❖ XPath : selects parts of XML documents; much used *within* XSLT

Databases and software with parsers

User interaction





Exercise



EXAMPLE: A POEM



- ❖ Helen Mort, „North of Everywhere“, in *Blackbox Manifold*, issue 7, Oct. 2011
- ❖ <http://www.manifold.group.shef.ac.uk/issue7/HelenMort7.html>



- ❖ Encoding the metadata: the header
 - ❖ <fileDesc> contains all the basic information:
 - ❖ <titleStmt> grouping together <title> and <author>
 - ❖ <publicationStmt> : which licence for this edition, etc.
 - ❖ <sourceDesc>: full-text description of the source from which this edition derives



❖ Encoding the structure:

- ❖ <lg>: „(line group) contains one or more verse lines functioning as a formal unit, e.g. a stanza, refrain, verse paragraph, etc.“
- ❖ <head>: „(heading) contains any type of heading, for example the title of a section, or the heading of a list, glossary, manuscript description, etc.“
- ❖ <l>: „(verse line) contains a single, possibly incomplete, line of verse.“



- ❖ Encoding the data (1a) : mentions place names
 - ❖ <placeName>: „contains an absolute or relative place name.”

Example:

... past <placeName>Sheffield</placeName>'s border lands



❖ Encoding the data (1b.1) : identify the places

- ❖ In the header, add section <profileDesc> („(text-profile description) provides a detailed description of non-bibliographic aspects of a text, specifically the languages and sublanguages used, the situation in which it was produced, the participants and their setting“)
- ❖ <settingDesc>: „(setting description) describes the setting or settings within which a language interaction takes place, or other places otherwise referred to in a text, edition, or metadata.“
 - ❖ <listPlaces>: „(list of places) contains a list of places, optionally followed by a list of relationships (other than containment) defined amongst them.“
 - ❖ <place>: „contains data about a geographic location“
 - ❖ <placeName>
 - ❖ <location>
 - <geo>
 - ❖ <note>



Example:

```
<place xml:id="she">
    <placeName>Sheffield</placeName>
    <location>
        <geo>53.3787 -1.475333</geo>
    </location>
    <note>Sheffield is a city and metropolitan
borough in South Yorkshire,
England.</note>
</place>
```



- ❖ Encoding the data (1b.2) : link place names to places
 - ❖ Add @ref attribute to <placeName>, pointing to the @xml:id attribute of a <place>

Example:

... past <placeName ref="#she">Sheffield</placeName>'s border lands



Let's visualise our encoding:

<http://ciham-digital.huma-num.fr/datacite/>

WHAT HAPPENED?



- ❖ XSLT script => transformation of the XML into a web page using *Leaflet*, a javascript script
- ❖ Leaflet: uses [OpenStreetMap](#) data layers to add the places you have encoded on a map



❖ Encoding the data (2) : mentions of animals

- ❖ <term>: „contains a single-word, multi-word, or symbolic designation which is regarded as a technical term.”
- ❖ @ref on <term>: “(reference) provides an explicit means of locating a full definition or identity for the entity being named by means of one or more URIs.”

Example:

... a resting <term

`ref="https://en.wikipedia.org/wiki/Gull">gull</term>`



Let's visualise our encoding (again):

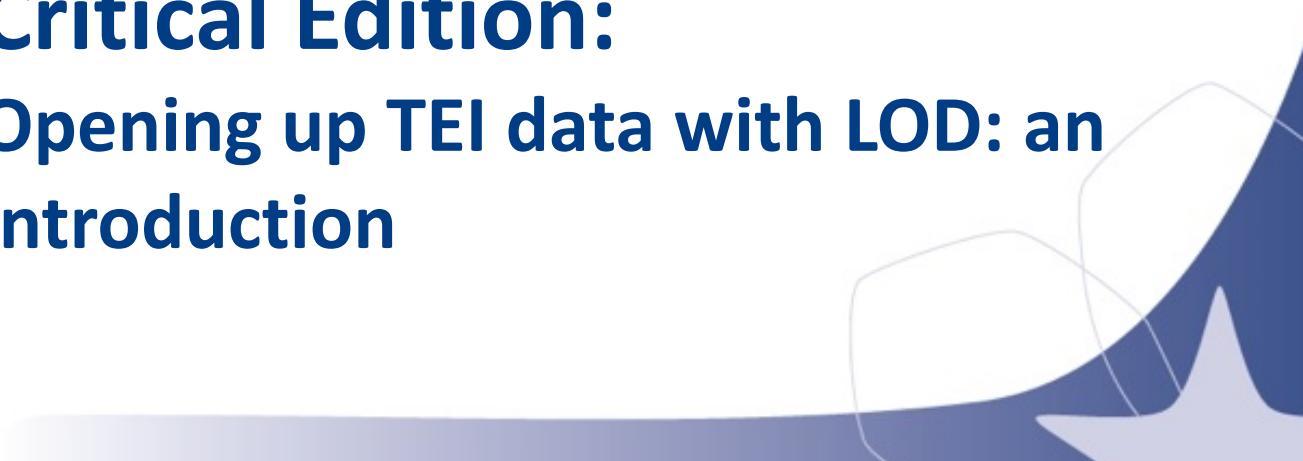
<http://ciham-digital.huma-num.fr/datacite/>

Thanks





Digital Humanities and Critical Edition: Opening up TEI data with LOD: an introduction





Digital Humanities and Critical Edition: Opening up TEI data with LOD: an introduction



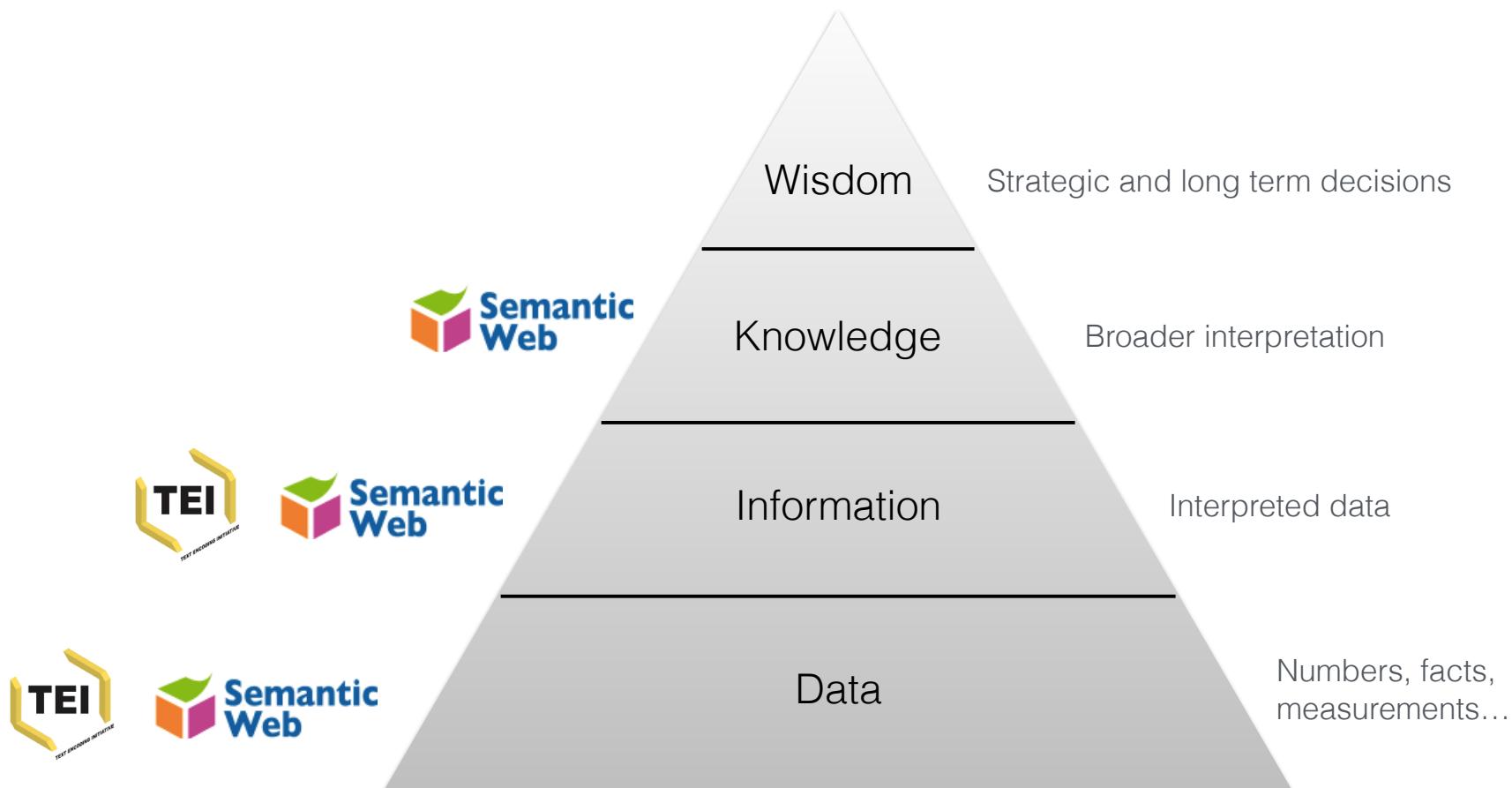
Outline

- Open Science?
- Principles of Semantic web and Linked Open Data
-  to LOD
- SPARQL demo
- Exercice

From OA to OS

- **Open Access:** free and persistant access to research data and publications
- **Open Data:** files made publicly available by official organisms for re-use
- **Open Process:** right to openly observe the underlying data and workflows of research projects
- **Open Science:** free and persistent access to research data with the right to observe openly these data with digital tools.
- **Open Science = Open Access + Open Process**

The information pyramid



The semantic web

- A parallel web, that differs from the original web by the kind of knowledge presented and accessed.
- The knowledge found on the SW is *formal* knowledge with:
 - a machine readable notation ;
 - a formal syntax ;
 - a formal semantics with inference mechanisms.
- The SW started as a vision by Tim Berners-Lee. The vision became true via *Linked Data*.

LOD

Open Data + Linked Data

=

Linked Open Data

Linked Data

- Design principles for sharing machine-readable interlinked data on the Web:
 - Name resources with unique identifiers (URIs) ;
 - Use the architecture of the web to get some information about these resources (Http) ;
 - Use a standard model to give info about these resource (RDF).

In practice

URI

<http://has-winter-school/missing-link/exercice/poem>

REPRESENTATION

Metadata

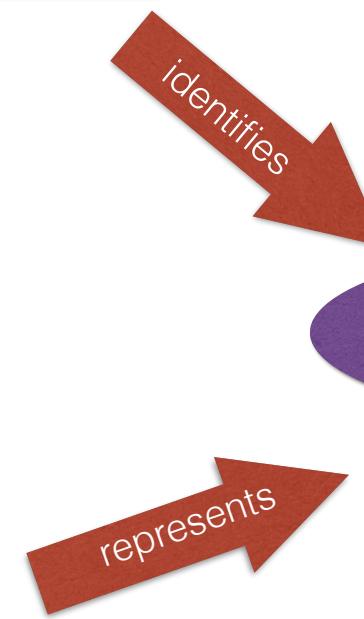
Content-type:application/xhtml+xml

Data

```
<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <title>North of Everywhere</title>
  </head>
  <body> (...)
```

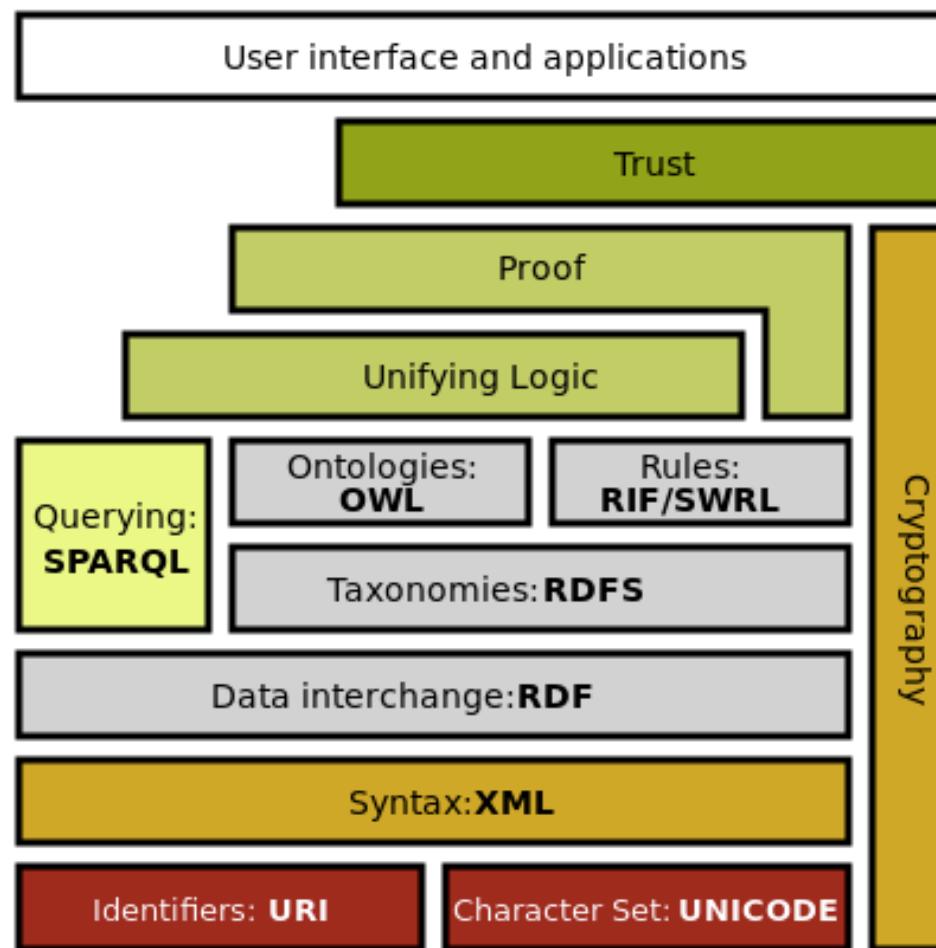
RESOURCE

Poem « North of Everywhere »

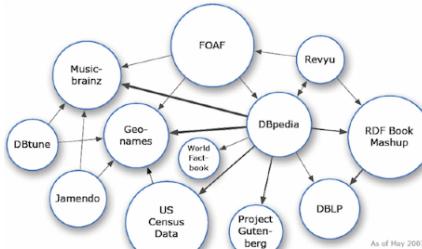


The semantic web

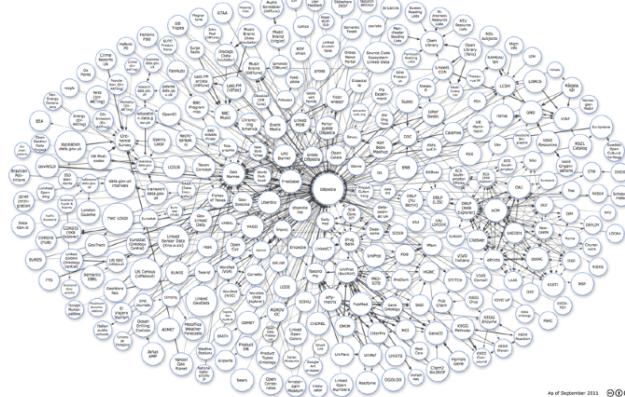
« standards stack »



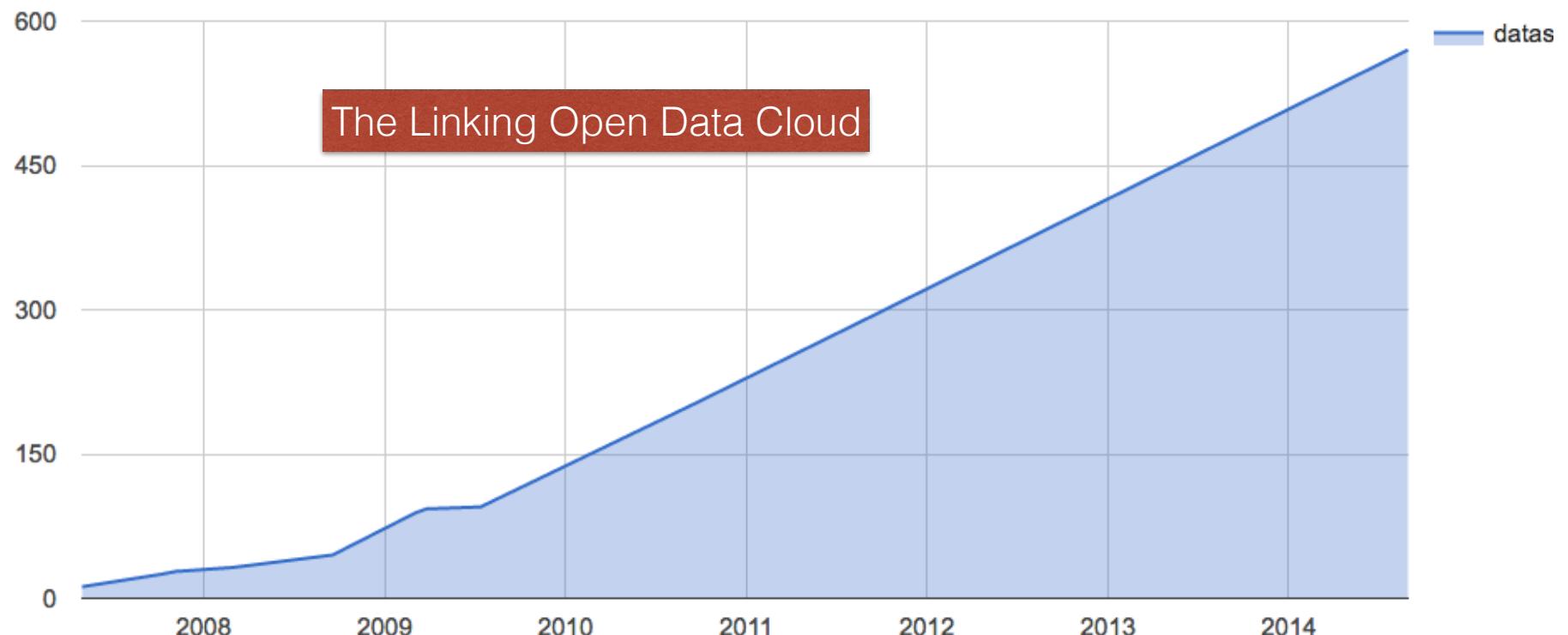
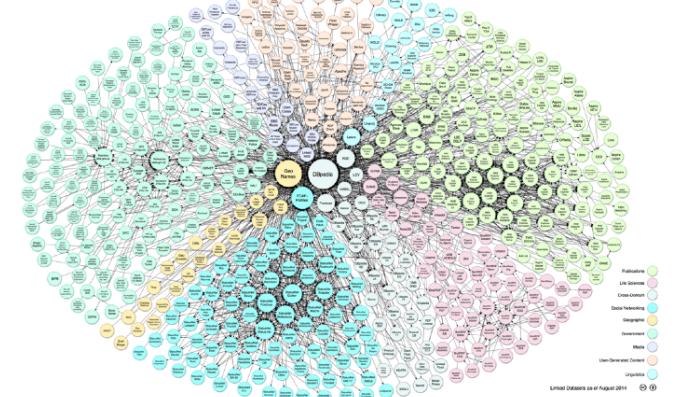
2007



2011



2014



RDF

- RDF = « Resource Description Framework »
- RDF is a way of expressing some information about identified things (resources) with very simple sentences.

RDF sentences = « triples »

- A triple is the minimal building block of RDF. It is composed of:
 - 1. a **subject**, identifying the resource the statement is about ;
 - 2. a **predicate**, that identifies a property of the subject ;
 - 3. an **object**, identifying the resource linked to the subject by the property.



Helen Mort

is the author of

« North of everywhere »

data

link

data

Blackbox Manifold

[homepage](#)

North of Everywhere

h. Mort

Last night, my body was a compass needle
drawing a circle every place I'd once called North:
past Shetland's border land, the sleeping gairn
of Mainland, the islands in the Atlantic
then steadily across the waterway to Lewis
where my bearings forced me past Balsayurd,
the doaged down moors, past Norwick bay
and the winter at nock, the last of the year.
By sunrise, I'd crossed the edge of Unst,
the land curving to meet the sea,
a lighthouse with no keeper but a resting gull,
the site, dragged from a North
I couldn't even dream. I stopped
and let my heart go on ahead of me.

a. Winst

Wind-swept, I stand on the rocky little isle long,
like a centaur who can't have it alone:
the mane snorted-off, the bones pend down
to their stones, the animals less skin than bone.
We walk to Whitehouse, find a bare even the ghosts
haven't left, a shag's spine running on a string,
a man reduced to nothing but his sound,
the wind speaking it well we never speaklessly.
Our silences have come to be the better part of us.

a. Mort

The country's a dragon waiting for the sea
to swallow for lodges in the saddle-stones.
The dog finds the grey harp of a wing
or clutching a jawbone between her teeth
as if she's going to wring the history out.
The otter walks the dark, damp path
near bog within an inch of hide,
and one of them confesses everything.
Below, an otter mutes the water,
gives a single truth from it.

a. Mort

How typical of us: thinking that pale green corridor
cutting across the blotted-out Balsayurd
must be a searchlight, hunting us.
Then we turn back, and our eyes would again
then skinned towards home, imaging we were
extra in a B movie: the Shetland bats huge UFOs,
or the whole island a slumbering beast whose back
we climb on, like the horse in this man's eye.
The otter, even the most silent shadow
to watch our steps along the track,
and mount the sky's brief fire, the North
lighting its own southpaper and standing back.

(Helen Mort was born in Sheffield in 1986. She has published two pamphlets with tall-lighthouse press and her first collection *Division Street* is forthcoming from Chatto & Windus in 2013. From 2010-2011, she was poet in residence at The Wordsworth Trust, Grasmere.)

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A screenshot of a digital publication page titled "Blackbox Manifold". The page features a header with the title and a "homepage" link. Below the header is a section titled "North of Everywhere" with a poem by Helen Mort. The poem consists of three stanzas, each with a different author attribution: "h. Mort", "a. Winst", and "a. Mort". The text is presented in a serif font. At the bottom of the page, there is a small note about copyright and usage, followed by a thumbnail image of the poem text.



Helen Mort

subject

is the author of

« North of everywhere »

Predicate

Object

Blackbox Manifold

[homepage](#)

North of Everywhere

▲ Mort, Helen
Last night, my body was a compass needle
drawing a line every place I'd once called North:
past Shetland's border land, the sleeping gannets
of Mykines, the seals in the sea of Abhainn
then steadily across the waterway to Lewis
where my heartstrings tugged me past Balosvord,
the doleful down moors, past Norwick bay
and the winter air at nocked Skerries.
By moonlight, I'd stand at the edge of Unst,
the land curving to meet the sea,
a lighthouse with no keeper but a resting gull,
the sky, dragged from a North
I couldn't even dream. I stopped
and let my heart go on ahead of me.

▲ Morland
Wind-swept, I stand on the rocky little isle long,
like a centaur who can't have it alone:
the mane snarled-off, the bones pend down
to their stones, the animals less skin than bone.
We walk to Whitehouse, find a bare even the ghosts
haven't left, a shag's spine running on a string,
a man reduced to nothing but his sword,
the wind spearing it until we cannot speak freely.
Our silences have come to be the better part of us.

▲ Wixey
The country's a dragon waiting for the sea
to swallow for lodges in the soggy drifts.
The dog finds the grey hump of a wing
or clutching a jawbone between her teeth
as if she's going to wring the history out.
The otter's a ghost in the dark drop path
near bog within an inch of hide,
and one of them confesses everything.
Below, an otter mutes the water,
gives a single truth from it.

▲ Anna Bowdall
How typical of us: thinking that pale green corridor
cutting across the blotted-out Balata road
must be a searchlight, hunting us.
That we're safe, that our cover would again
then skirted towards home, imaging we were
extra in a B movie: the Shetland bats huge UFOs,
or the whole island a slumbering beast whose back
we climb on, the bat in this man's eye.
The otter, even this silent shadowed animal
to watch our steps along the track,
and mount the sky's brief fire, the North
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(Helen Mort was born in Sheffield in 1986. She has published two pamphlets with tall-lighthouse press and her first collection *Division Street* is forthcoming from Chatto & Windus in 2013. From 2010-2011, she was poet in residence at The Wordsworth Trust, Grasmere.)
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was born in

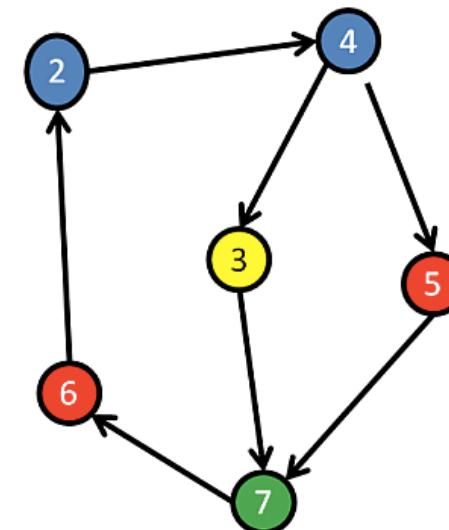


« Sheffield »

The object of the triple can also be a « literal »

a graph model

- Characteristics:
 - relations are part of the data ;
 - each triple is autonomous, complete, persistant ;
 - a distributed model.



TEI to LOD

```
<titleStmt>
    <title>North of Everywhere</title>
    <author ref="http://dbpedia.org/resource/Helen_Mort">Helen Mort</author>
</titleStmt>
```

the text represented in the TEI document has a title

The title of the text is the string « North of Everywhere »

Helen Mort is the author of the text

TEI to LOD

```
<lg n="1">
  <head>i. <placeName ref="#her">Hermaness</placeName></head>
  <l>Last night, my body was a compass needle</l>
```

```
<place xml:id="her">
  <placeName lang="en">Hermaness</placeName>
  <location>
    <geo>60.837222 -0.883333</geo>
  </location>
  <idno type="dbpedia">http://dbpedia.org/page/Hermaness</idno>
(...)
```

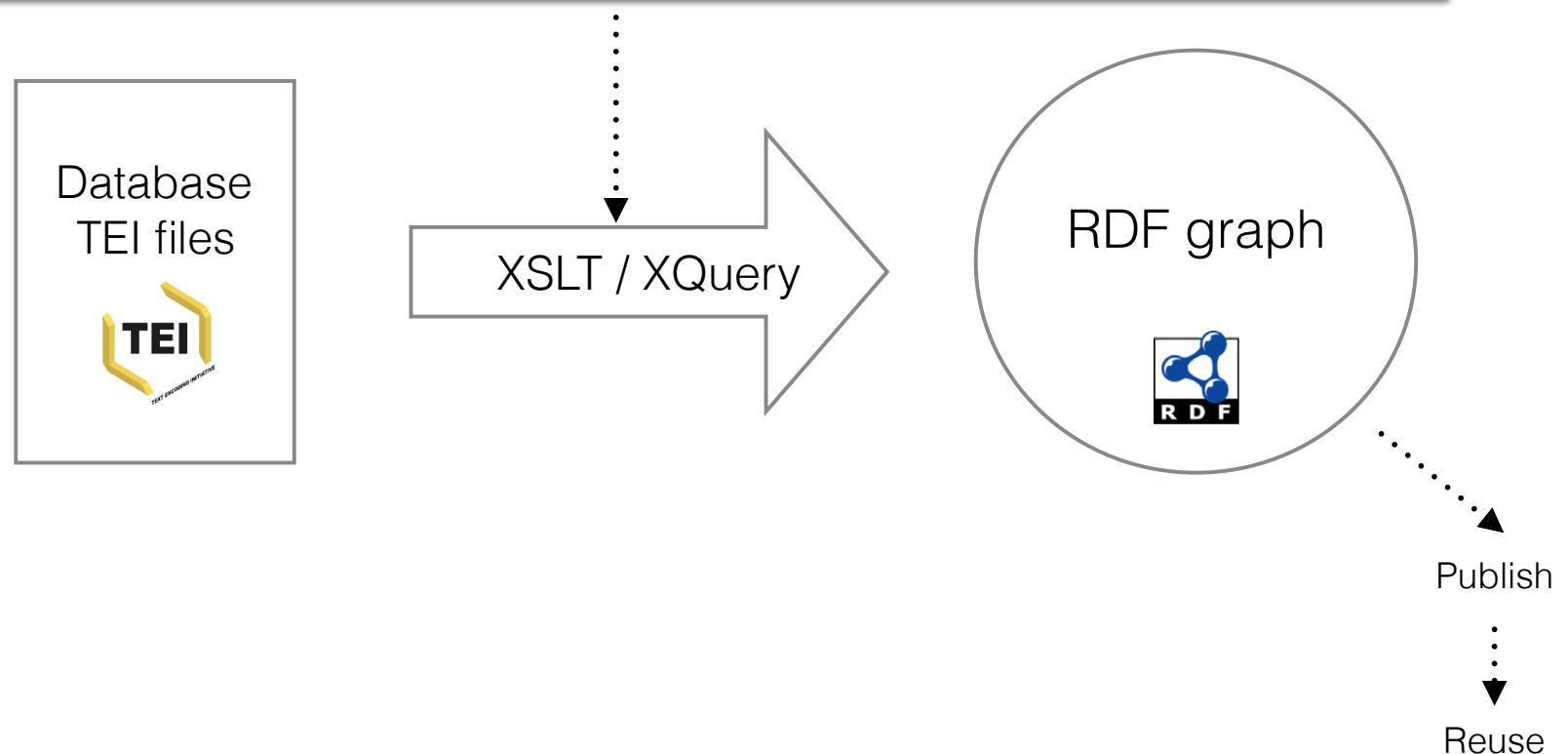
« Hermaness » is the english name of a place

This place is identified by the URI « <http://dbpedia.org/page/Hermaness> »

The longitude of this place is « 60.837222 »

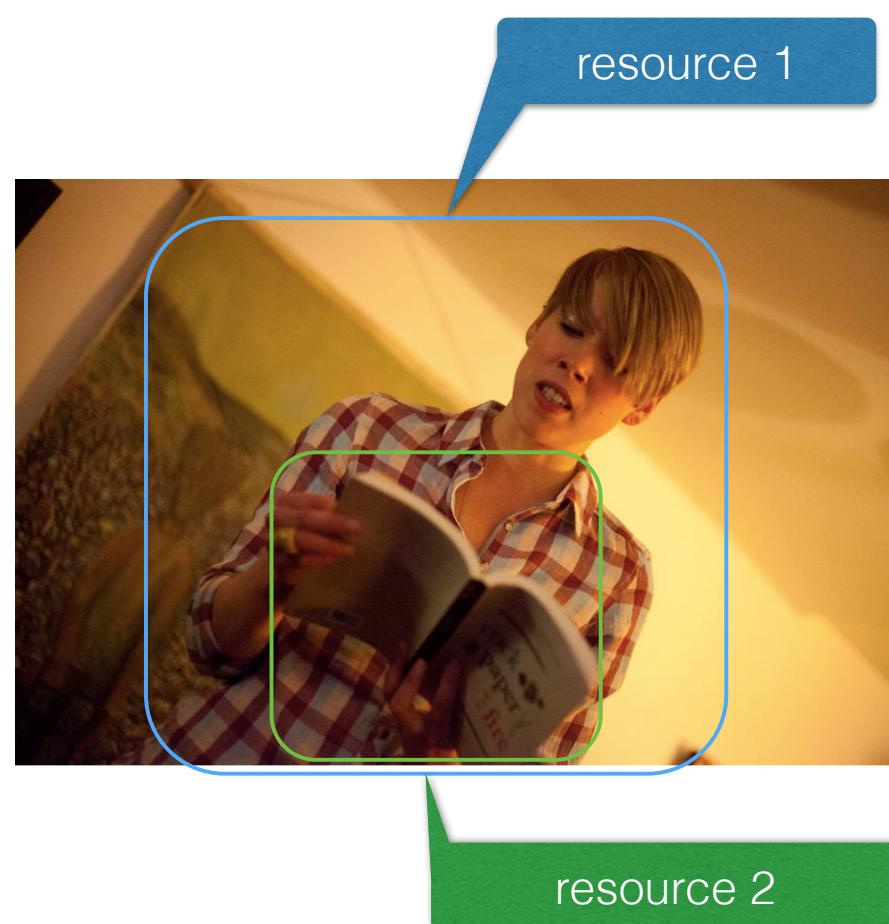
The magic

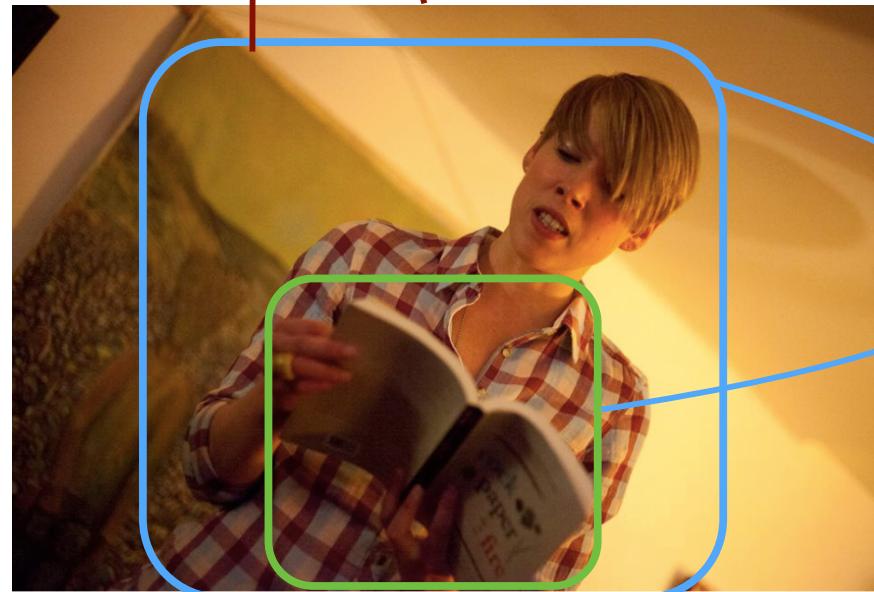
*Some implicit simple sentences in the TEI structure
that might interest a given audience or be useful for some automatic treatment
are selected and « repackaged » in RDF
with a transformation language...*



Representation requires 2 steps

- Step 1:
Conceptualisation
 - a point of view on the reality represented oriented by our *goals*
 - *here we have 2 individuals : a woman and a book*



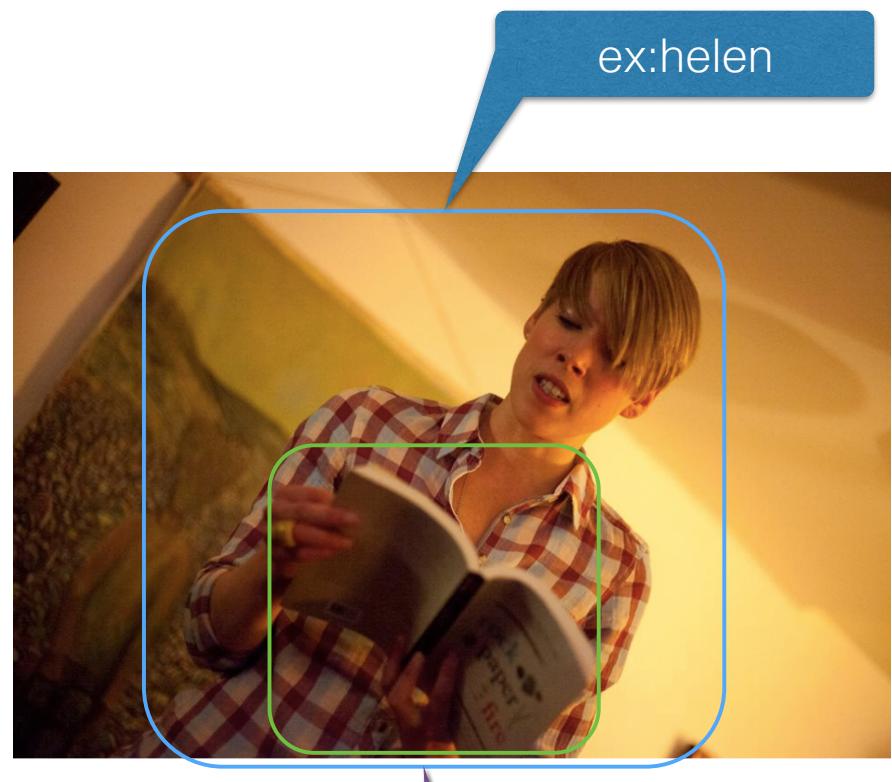


resource 3 - relation: is a woman

resource 4 - relation: reads

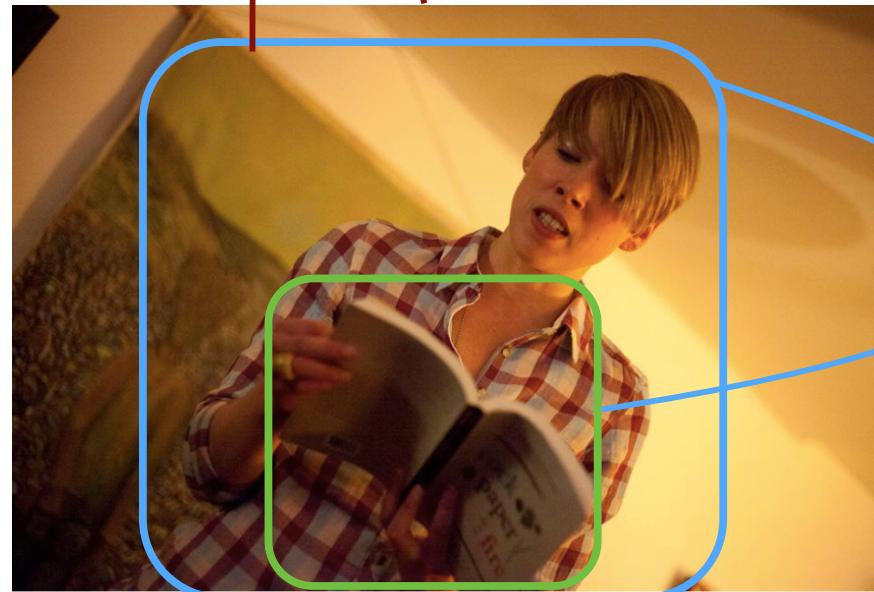
Representation requires 2 steps

- Step 2:
Language selection
 - the terms (URI and literals)
 - a syntax



ex: abbreviates our namespace « [http://
www.example.org](http://www.example.org) »

ex:book



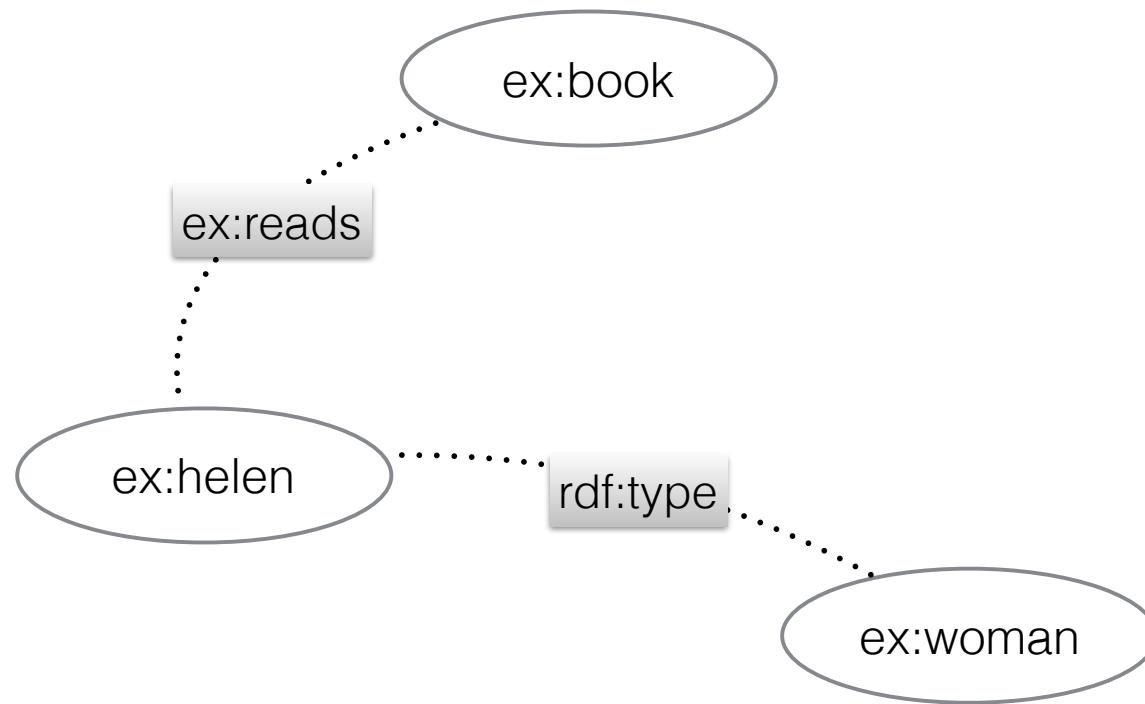
resource 3 - relation: is a woman

resource 4 - relation: reads

connexions

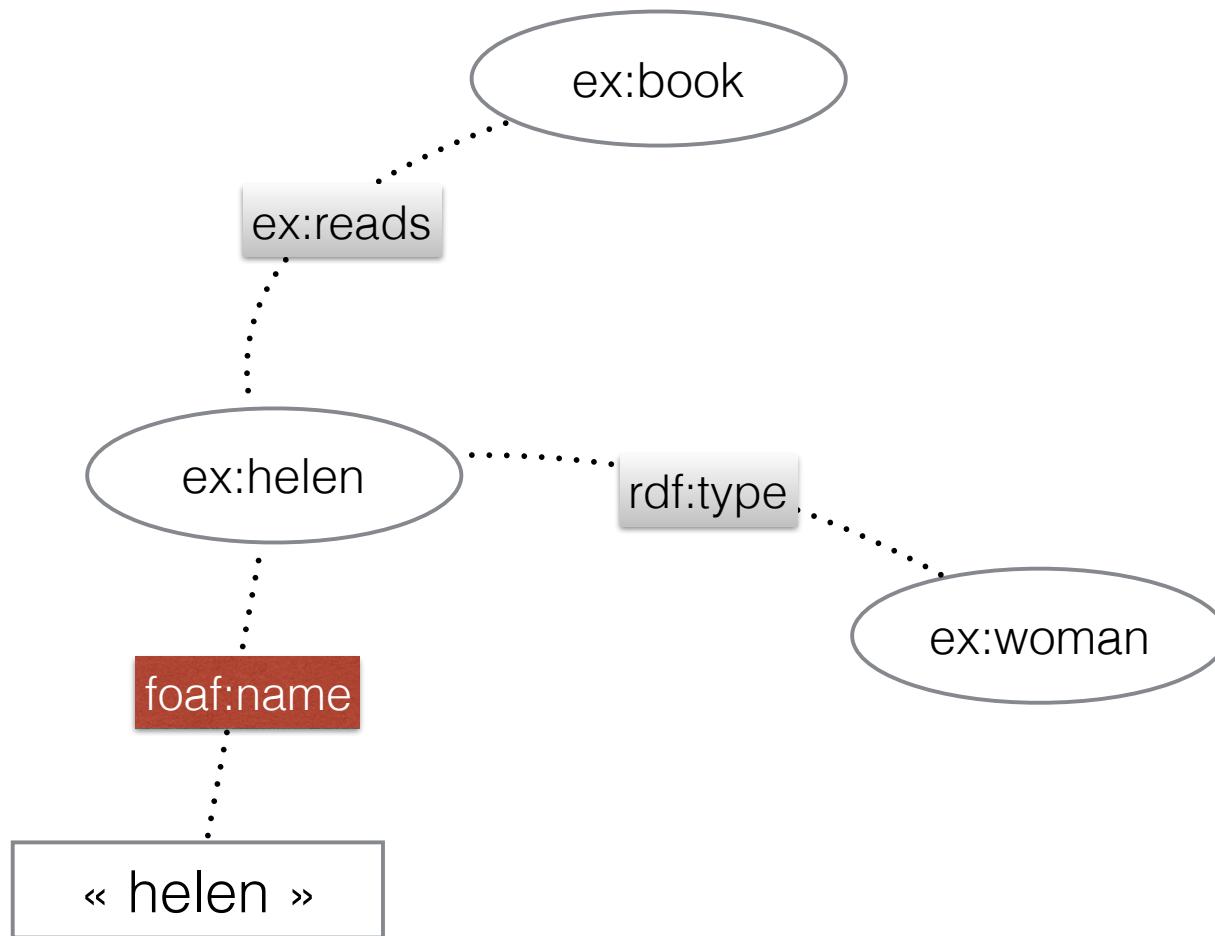
- Pairs of resources are connected by the binary relation they belong in:
 - ▶ `ex:helen ex:reads ex:book`
- Unitary relations are connected to a class:
 - ▶ `ex:helen rdf:type ex:woman`

a set of RDF triples is a graph



ex:helen ex:reads ex:book
ex:helen rdf:type ex:woman

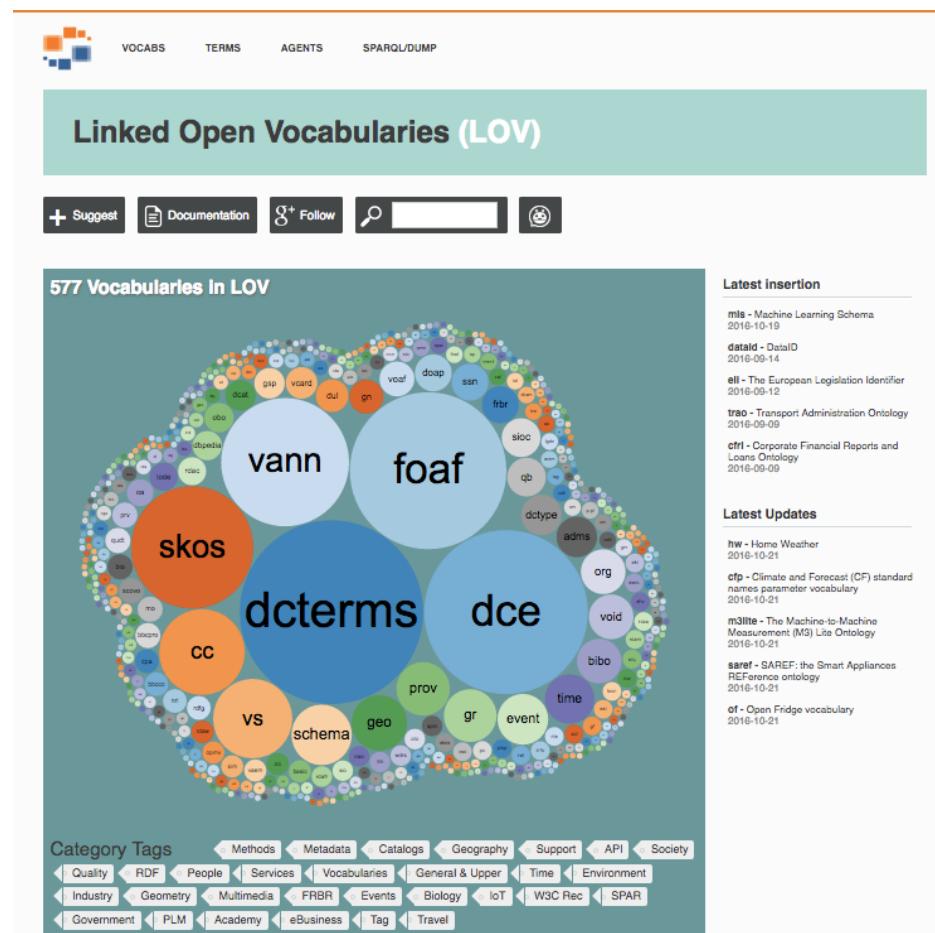
Literals to associate a natural language fragment to a resource



Linked Open Vocabularies

- Definition
- Common vocabularies : foaf, dc:terms
- Ontology: one example (LAWD)

all you need is LOV :)



<https://lov.okfn.org/dataset/lov/>

[VOCABS](#)[TERMS](#)[AGENTS](#)[SPARQL/DUMP](#)

In LOV at a glance ...

About LOV

Vocabularies describe and link Data on the Web

Vocabularies are also data

Quality vocabularies are in LOV

LOV provides sustainable resources

Contribute, join the community

LOV Features

Vocabulary Documentation

Data Access

Vocabulary Search Engine

Application Ecosystem

Applications using LOV

Useful Related Applications

Acknowledgements



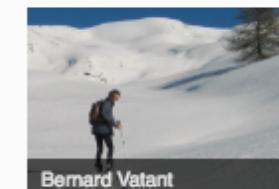
joinup



Historical Creators



Pierre-Yves
Vandenbussche



Bernard Vatant

About: Helen Mort

An Entity of Type : personne, from Named Graph : <http://dbpedia.org>, within Data Space : dbpedia.org

Helen Mort is a poet born in Sheffield in 1985. She won the Gregory Award from The Society of Authors in 2007 and youngest ever poet in residence at The Wordsworth Trust in 2010, she became the youngest ever poet to be shortlisted for the Picador Prize and

Property	Value
dbo:abstract	<ul style="list-style-type: none"> ▪ Helen Mort is a poet born in Sheffield in 1985. She won the Gregory Award from The Society of Authors in 2007 and youngest ever poet in residence at The Wordsworth Trust in 2010, she became the youngest ever poet to be shortlisted for the Picador Prize and
dbo:birthDate	<ul style="list-style-type: none"> ▪ 1985-01-01
dbo:birthYear	<ul style="list-style-type: none"> ▪ 1985
dbo:wikiPageExternalLink	<ul style="list-style-type: none"> ▪ http://www.helenmort.com/
dbo:wikiPageID	<ul style="list-style-type: none"> ▪ 418684960
dbo:wikiPageRevisionID	<ul style="list-style-type: none"> ▪ 684960554
dbp:dateOfBirth	<ul style="list-style-type: none"> ▪ 1985-01-01
dbp:name	<ul style="list-style-type: none"> ▪ Mort, Helen
dbp:shortDescription	<ul style="list-style-type: none"> ▪ Poet
dc:description	<ul style="list-style-type: none"> ▪ Poet ▪ Poet
dct:subject	<ul style="list-style-type: none"> ▪ dbo:poet ▪ dbo:writer

- | | |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| rdfs:comment | <ul style="list-style-type: none"> ▪ Helen Mort is a poet born in Sheffield in 1985. She won the Gregory Award from The Society of Authors in 2007 and youngest ever poet in residence at The Wordsworth Trust in 2010, she became the youngest ever poet to be shortlisted for the Picador Prize and |
| rdfs:label | <ul style="list-style-type: none"> ▪ Helen Mort (en) |
| owl:sameAs | <ul style="list-style-type: none"> ▪ freebase:Helen_Mort ▪ wikidata:Helen_Mort ▪ dbpedia-wikidata:Helen_Mort ▪ yago-res:Helen_Mort |
| prov:wasDerivedFrom | <ul style="list-style-type: none"> ▪ wikipedia-en:Helen_Mort?oldid=684960554 |
| foaf:givenName | <ul style="list-style-type: none"> ▪ Helen (en) |
| foaf:homepage | <ul style="list-style-type: none"> ▪ http://www.helenmort.com/ |
| foaf:isPrimaryTopicOf | <ul style="list-style-type: none"> ▪ wikipedia-en:Helen_Mort |
| foaf:name | <ul style="list-style-type: none"> ▪ Helen Mort (en) ▪ Mort, Helen (en) |
| foaf:Surname | <ul style="list-style-type: none"> ▪ Mort (en) |
| is foaf:primaryTopic of | <ul style="list-style-type: none"> ▪ wikipedia-en:Helen_Mort |

LAWD

- Linking Ancient World Data
- LAWD is designed to be a *minimal* ontology for connecting vocabularies useful in describing data concerning the ancient world.



This repository Search

Pull requests Issues Gist



lawdi / LAWD

Watch 15

Star 13

Fork 3

Code

Issues 2

Pull requests 0

Projects 0

Wiki

Pulse

Graphs

An ontology for Linked Ancient World Data

52 commits

3 branches

1 release

3 contributors

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾

hcayless IDES/DH2016 talk.

Latest commit fcd17f2 on 13 Jul

docs

IDES/DH2016 talk.

3 months ago

examples

Visualization of an SRP place annotation.

4 years ago

ontology

Added documentation; several edits to ontology.

2 years ago

README.md

Merge branch 'master' of github.com:lawdi/LAWD

4 months ago

README.md

LAWD

An ontology for Linked Ancient World Data

The goal of LAWD is to fill in the cracks between the data used and published by projects with a focus on the

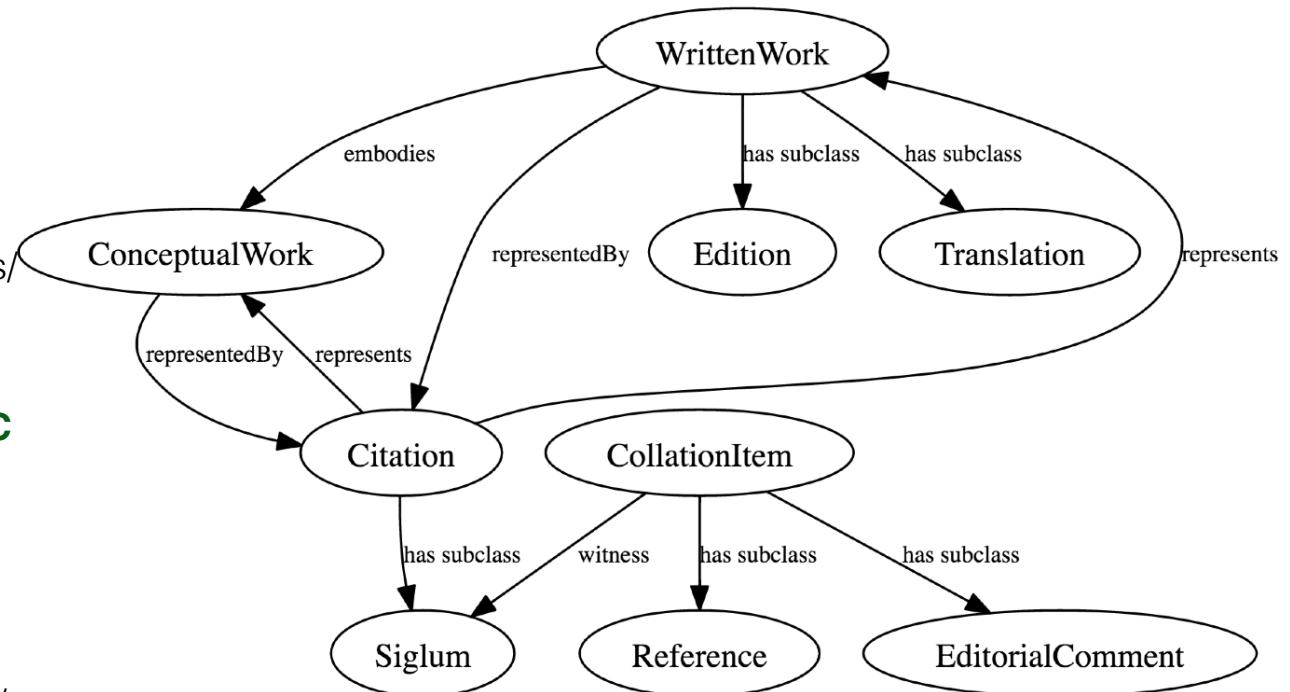
LAWD

namespace:

<http://lawd.info/ontology/>

prefixes:

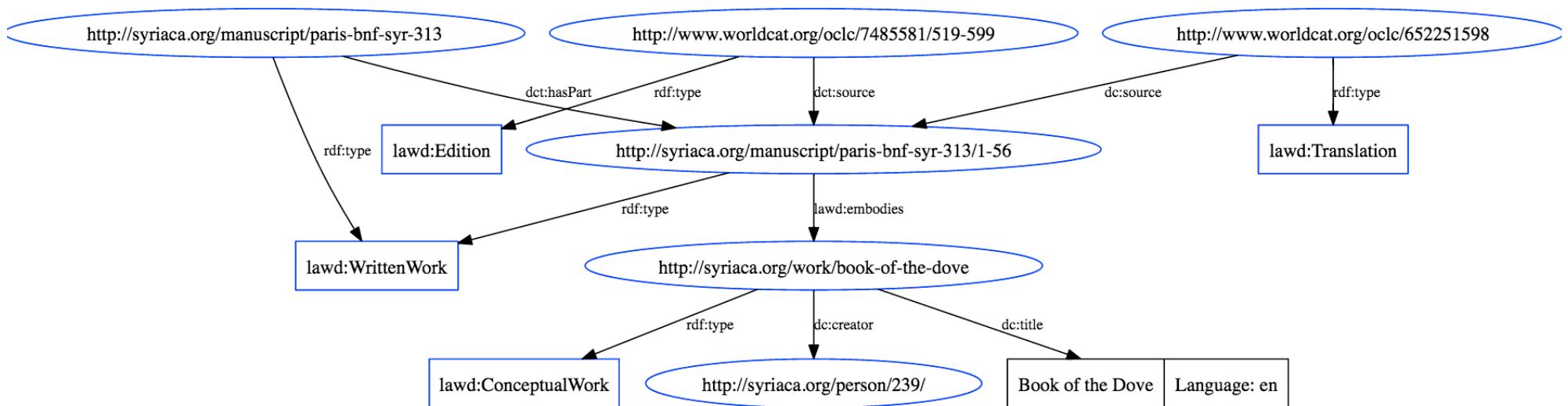
- **dc**: http://purl.org/dc/elements/1.1 (**Dublin Core Elements**)
- **dct**: <http://purl.org/dc/terms/> (**Dublin Core Terms**)
- **crm**: <http://www.cidoc-crm.org/cidoc-crm/> (**CIDOC Conceptual Reference Model**)
- **geo**: <http://geovocab.org/spatial#> (**GeoVocab.org**)
- **prov**: <http://www.w3.org/ns/prov#> (**PROV-O, the Provenance ontology**)



```
<!-- http://lawd.info/ontology/hasCitation -->

<owl:ObjectProperty rdf:about="http://lawd.info/ontology/hasCitation">
  <rdfs:comment xml:lang="en">Indicates a Citation that contains the
    source for a lawd:Attestation</rdfs:comment>
  <rdfs:range rdf:resource="http://lawd.info/ontology/Citation"/>
  <rdfs:domain rdf:resource="http://lawd.info/ontology/EvidentiaryItem"/>
</owl:ObjectProperty>
```

LAWD



Namespaces:
lawd: <http://lawd.info/ontology/1.0/>
dc: <http://purl.org/dc/elements/1.1/>
dct: <http://purl.org/dc/terms/>

```
@prefix srp: <http://syriaca.org/> .  
@prefix lawd: <http://lawd.info/ontology/1.0/> .  
@prefix oclc: <http://www.worldcat.org/oclc/> .  
@prefix dc: <http://purl.org/dc/elements/1.1/> .  
@prefix dct: <http://purl.org/dc/terms/> .
```

LAWD

```
# SRP identifies a CanonicalWork with "work/book-of-the-dove"  
#   of which SRP's person/239 (Bar Hebraeus) is the author  
#   and of which the English title is "Book of the Dove"
```

```
<srp:work/book-of-the-dove> a lawd:ConceptualWork;  
    dc:creator <srp:person/239/> ;  
    dc:title "Book of the Dove"@en .
```

```
# SRP identifies a Manuscript with "manuscript/paris-bnf-syr-313"  
#   which supports (i.e., carries, physically contains) something of interest at a
```

```
<srp:manuscript/paris-bnf-syr-313> a lawd:WrittenWork ;  
    dct:hasPart <srp:manuscript/paris-bnf-syr-313/1-56> .
```

```
# SRP says the thing of interest at that range is a Text  
#   which embodies Bar Hebraeus' work book of the dove, as defined above
```

```
<srp:manuscript/paris-bnf-syr-313/1-56> a lawd:WrittenWork ;  
    lawd:embodies <srp:work/book-of-the-dove> .
```

```
# OCLC/Worldcat identifies something that contains an edition of that Text
```

```
<oclc:7485581/519-599> a lawd:Edition ;  
    dct:source <srp:manuscript/paris-bnf-syr-313/1-56> .  
# How do we indicate an eclectic edition? How would we indicate an edition with so many MSS that we don't want to indicate them all. Could this just point to the work instead?
```

```
# OCLC/Worldcat identifies something that is a translation of that Text
```

```
<oclc:652251598> a lawd:Translation ;  
    dc:source <srp:manuscript/paris-bnf-syr-313/1-56> .
```

```
# Do we need to distinguish Modern translation and ancient version? Can we show the language of the translation?
```

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```
# SRP says the thing of interest at that range is a Text  
#   which embodies Bar Hebraeus' work book of the dove, as  
defined above
```

```
<srp:manuscript/paris-bnf-syr-313/1-56> a lawd:WrittenWork ;  
    lawd:embodies <srp:work/book-of-the-dove> .
```

SCTA Search

Search for a resource of the selected type whose title contains the search term(s)

* For example to search a quotation used in a commentary or text that contains the word "fides", select "quotation" and the search for "fides"

- Quotation
- Item
- Question Title
- Commentary
- Name
- Work
- Book
- Distinction

type search text here

Valider

Or Perform custom SPARQL Query

```
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
```

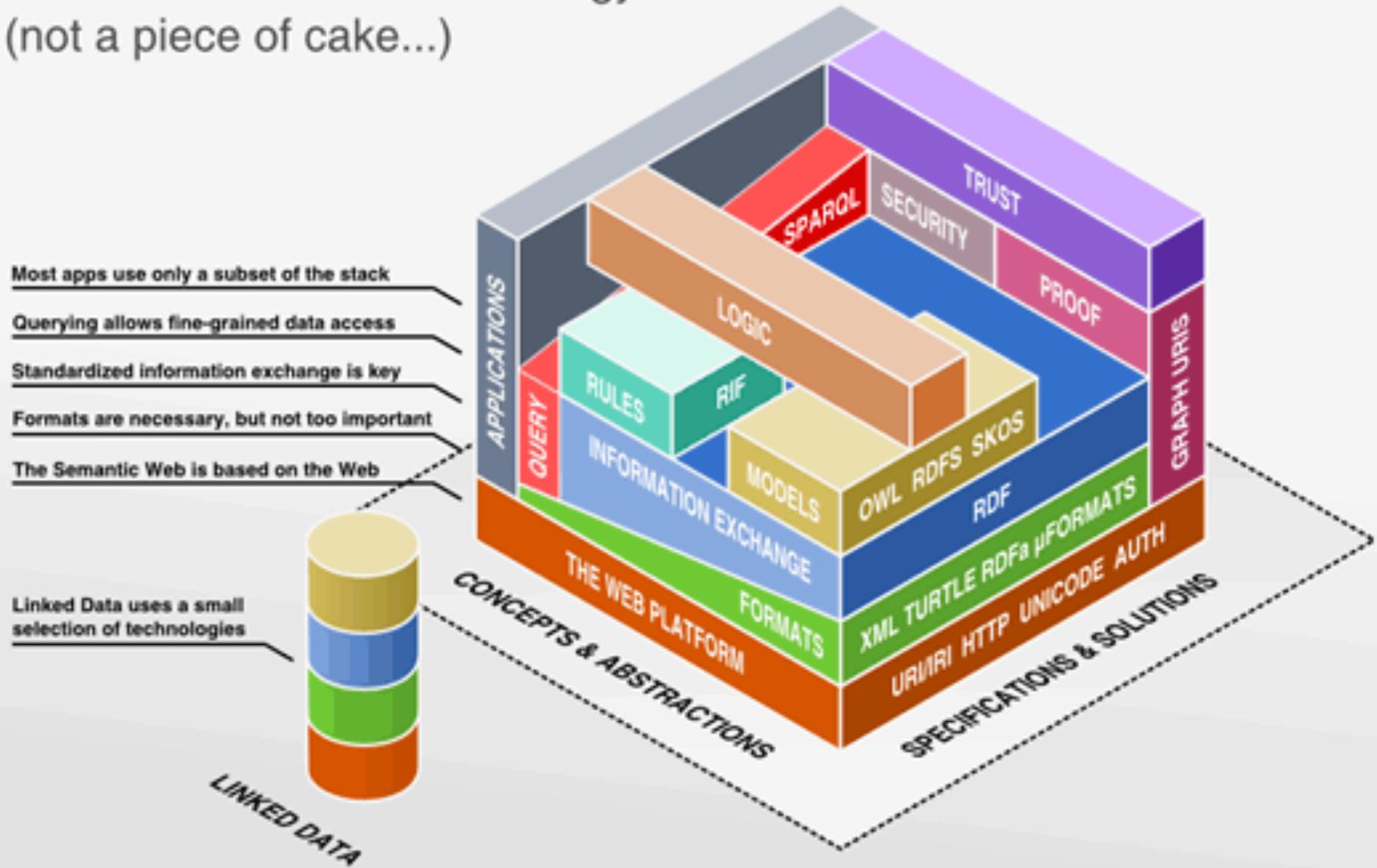
```
SELECT ?s ?p ?o
WHERE {
    ?s ?p ?o
}
LIMIT 1000
```

Valider

Recap

- LOD enhances data created in digital humanities projects and scholarly editions You can publish and consume LOD at the same time.
- You can build your ontology (knowledge base of the relations between resources) just by building on existing ontologies and filling the gaps.
- The syntax and the way you express triple is a technical issue. What counts for you as designers of « information artifacts » is the data model. It is fully an editorial task.
- Understanding how your digital humanities publications can connect with other databases in the LOD world can influence the way you define your choice of tags...
- From the same TEI collection of files, you can extract several different datasets. There might be a task for continuous re-purposing of exposed RDF data...
- Nonetheless, to meet the founders expectations concerning re-use, the data must be well documented, which means documented in with information useful for research uses. That's where TEI and its rich expression capabilities becomes a key asset.

The Semantic Web Technology Stack (not a piece of cake...)



<http://fr.dbpedia.org/sparql>

demo

« Thank you »

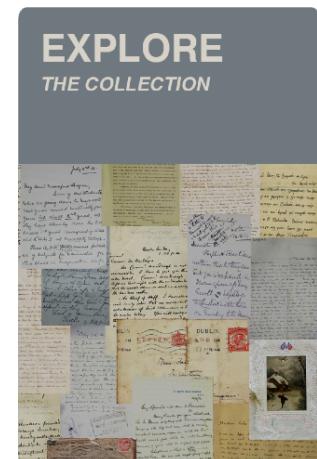
@emma_morlock

Exercice

- Look at your texts with LOD in mind:
 - Work in small groups
 - Choose a corpus (your project / postcards from Letters 1916)
 - Identify one dataset that you would like to :
 - ✓ publish as LOD
 - ✓ *and/or*
 - ✓ re-use as LOD
 - Use the MVP canvas to test the idea from an « information designer » point of view

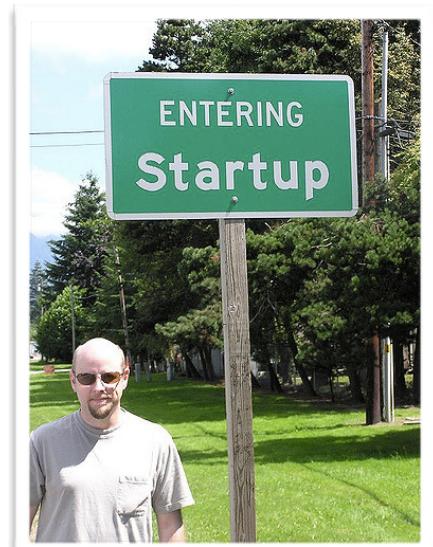


- The Letters of 1916 project is the first public humanities project in Ireland. It is creating a crowd-sourced digital collection of letters written around the time of the Easter Rising (1 November 1915 – 31 October 1916).
- Proposed selection of postcards:
 - <http://letters1916.maynoothuniversity.ie/explore/letters/43>
 - <http://letters1916.maynoothuniversity.ie/explore/letters/73>
 - <http://letters1916.maynoothuniversity.ie/explore/letters/84>
 - <http://letters1916.maynoothuniversity.ie/explore/letters/95>
 - <http://letters1916.maynoothuniversity.ie/explore/letters/2362>



Minimum Viable Product

- *@lissijean: « The smallest work you can do to test your product »*
- Philosophy:
 - validate before building
 - focus on problems, not features



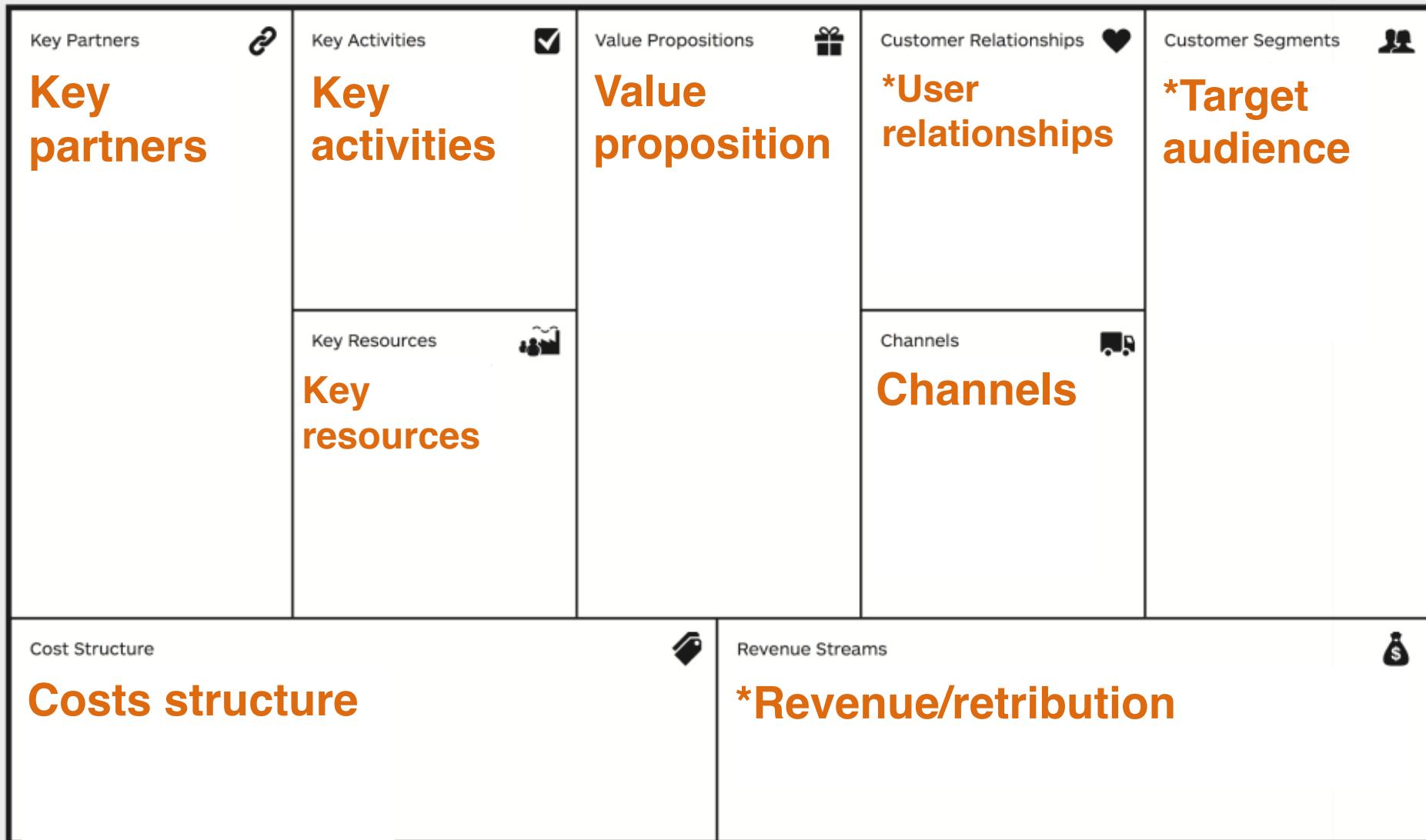
The Business Model Canvas

Designed for:

Designed by:

Date:

Version:



DESIGNED BY: Business Model Foundry AG
The makers of Business Model Generation and Strategyzer

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<http://creativecommons.org/licenses/by-nd/3.0/> or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94107, USA.

Useful links

- Dbpedia example: http://dbpedia.org/resource/Helen_Mort
- <https://lov.okfn.org/dataset/lov/>
- <http://www.foaf-project.org/>
- <http://dublincore.org/documents/2012/06/14/dcmi-terms/?v=terms>



DBPEDIA DEMO

Basic exploration of a RDF graph
with simple SPARQL queries



Introduction

Example representation of RDF triples



2 assertions

<Helen> <reads> <a book>

<Helen> <is> <a woman>

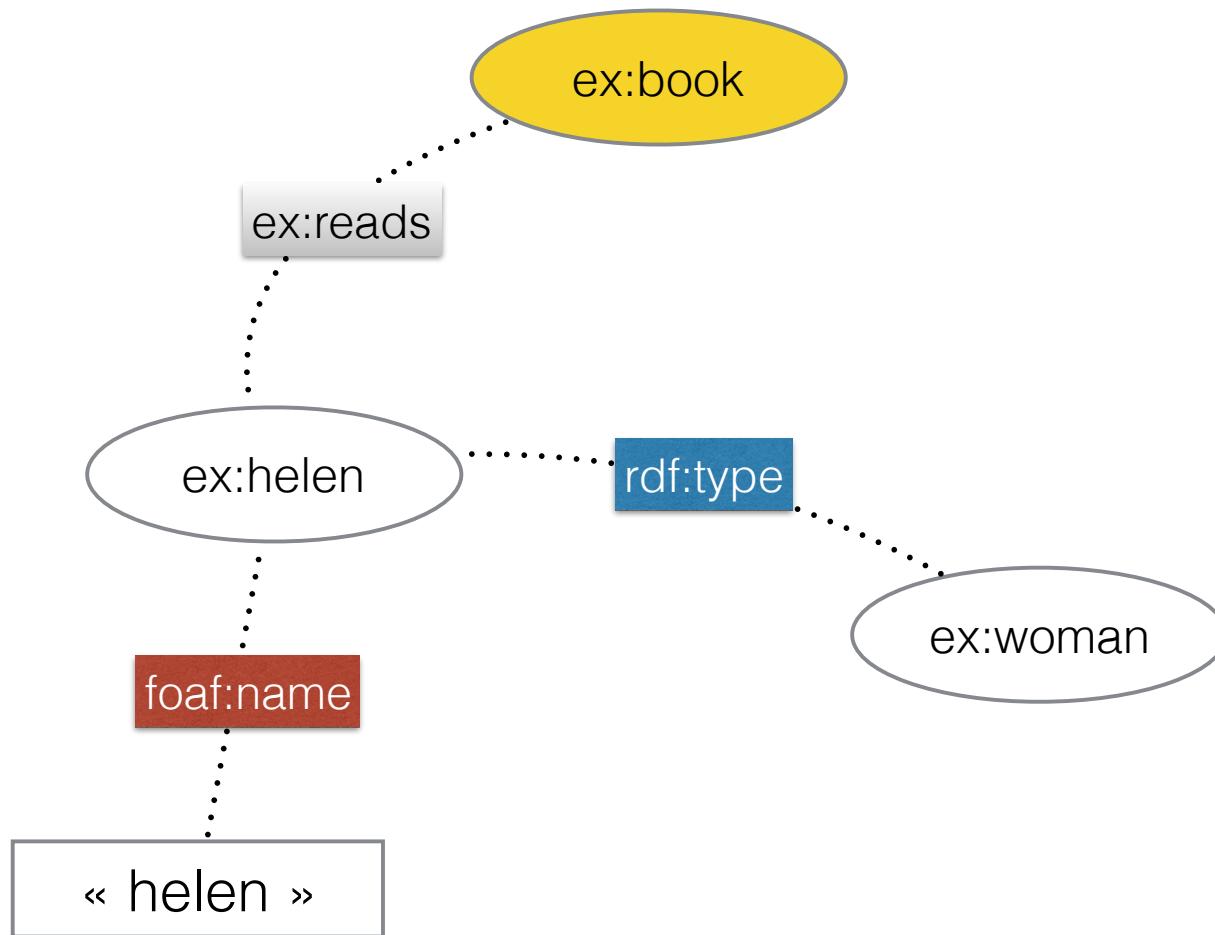
2 RDF triples

PREFIX ex: <<http://www.example.org>>

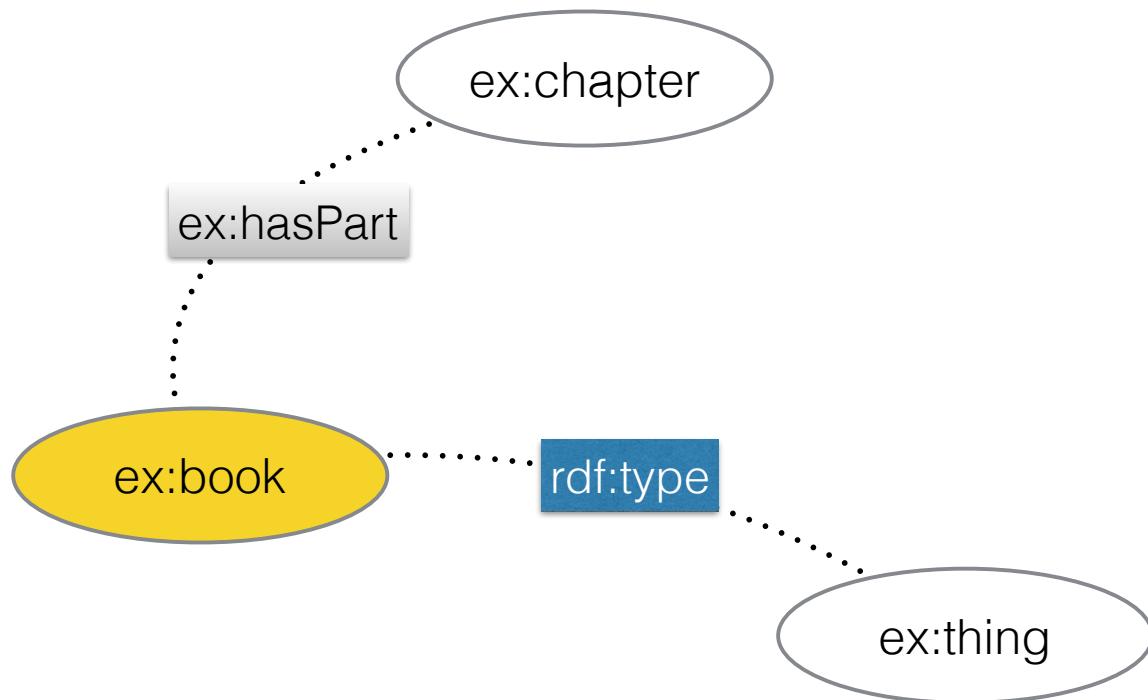
ex:helen ex:reads ex:book

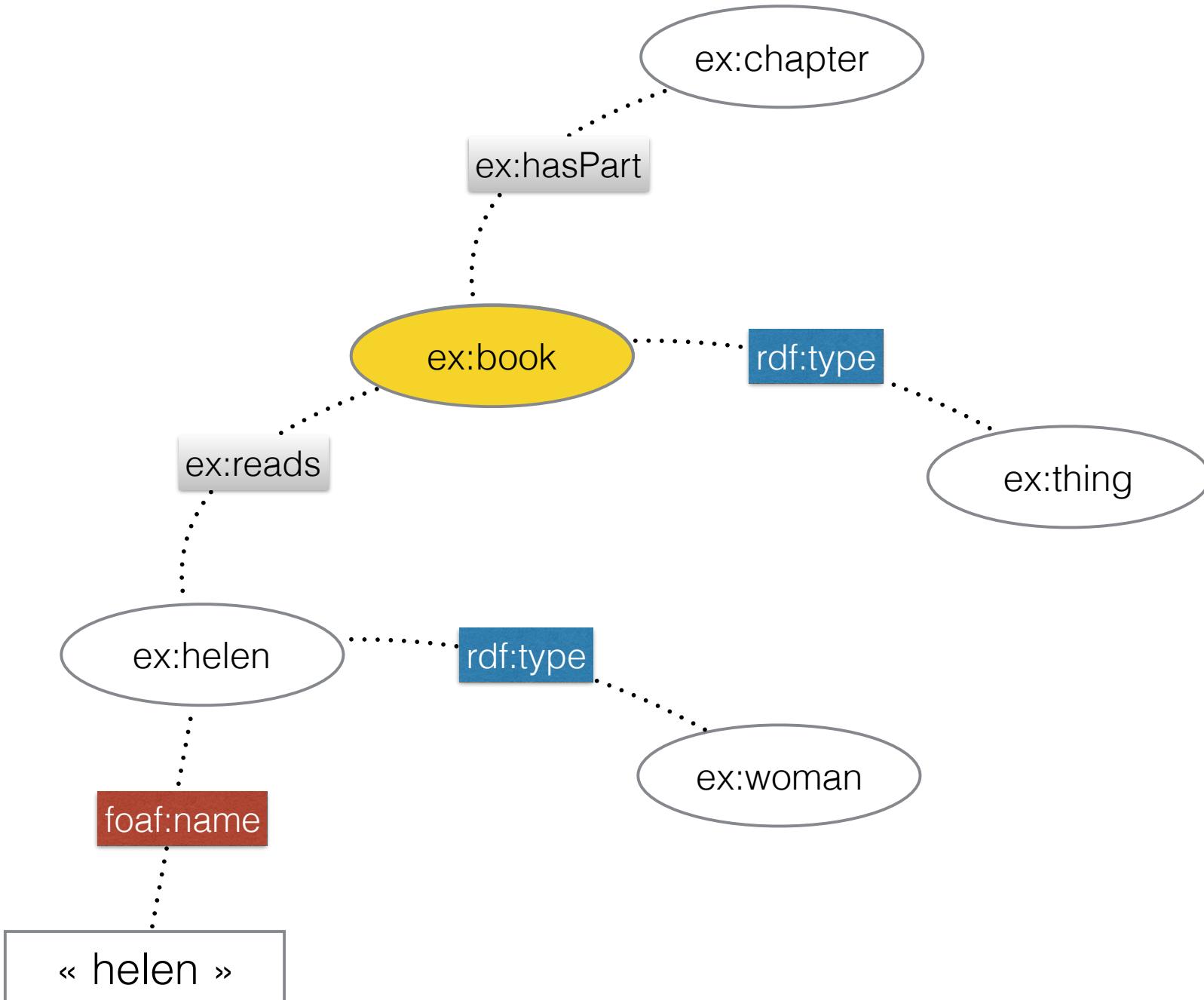
ex:helen rdf:type ex:woman

Graph representation

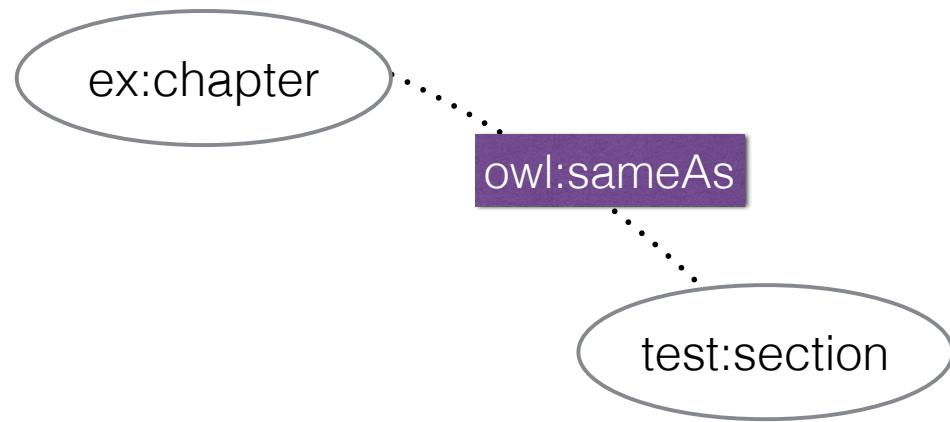


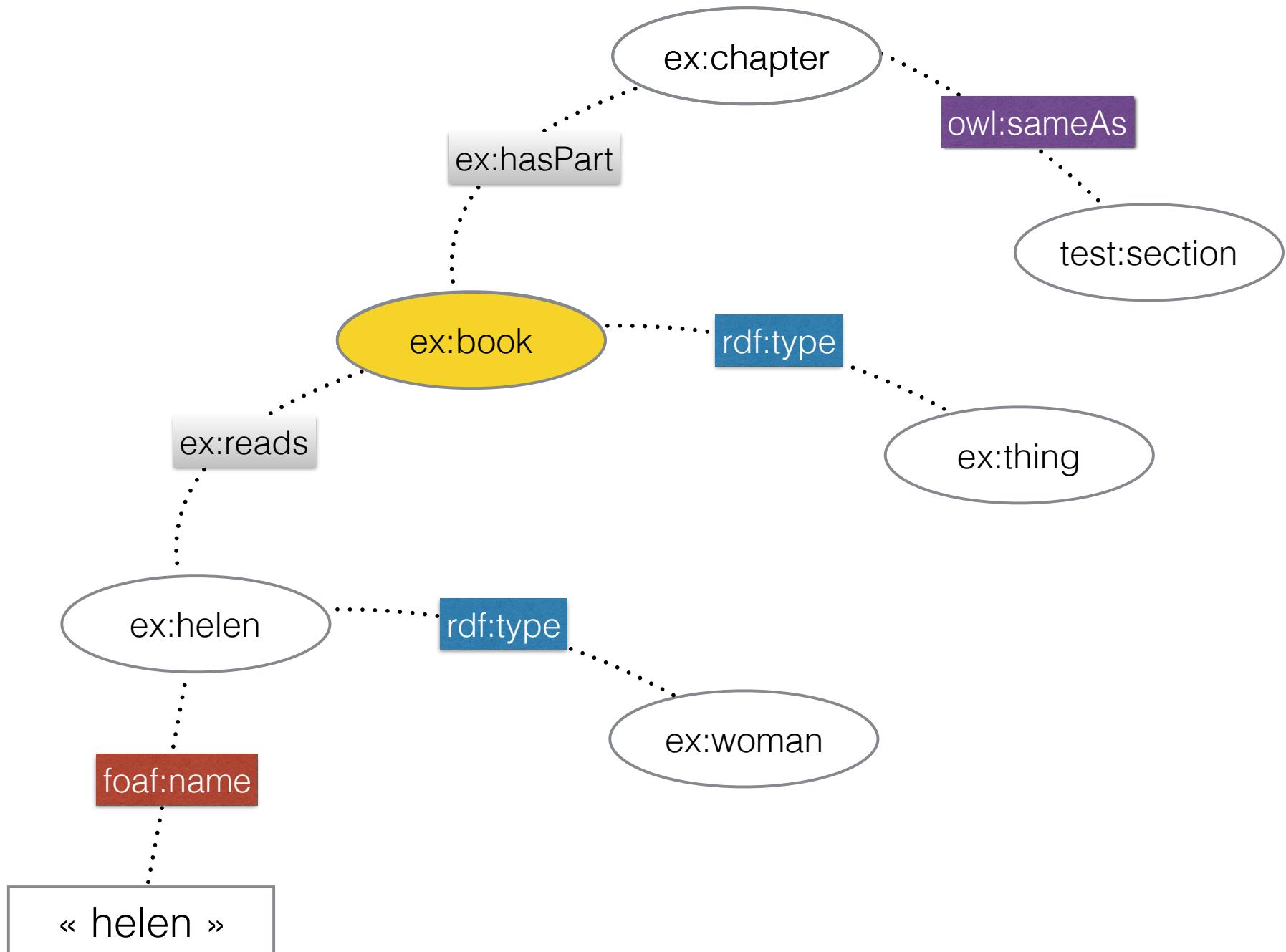
Another RDF triple





Another RDF triple





Demo

<http://dbpedia.org/sparql>

SPARQL

Simple Protocol

And

Query Language

Query structure

- SELECT distinct * == select all resources
- WHERE { } == the query
- LIMIT, GROUP BY, ORDER BY...

Variables as in a Fill-in-the-Blank exercice - 1

_____ is a woman

Variables as in a Fill-in-the-Blank exercise - 2

WHERE {**?s** rdf:type ex:woman }

Virtuoso SPARQL Query Editor

[About](#) | [Namespace Prefixes](#) | [Inference rules](#) | [iSPARQL](#)

Default Data Set Name (Graph IRI)

`http://dbpedia.org`

Query Text

```
select distinct ?Concept where {[] a ?Concept} LIMIT 100
```

(Security restrictions of this server do not allow you to retrieve remote RDF data, see [details](#).)

Results Format:

`HTML`

Execution timeout:

`30000` milliseconds (values less than 1000 are ignored)

Options:

Strict checking of void variables

Log debug info at the end of output (has no effect on some queries and output formats)

(The result can only be sent back to browser, not saved on the server, see [details](#))

`Run Query`

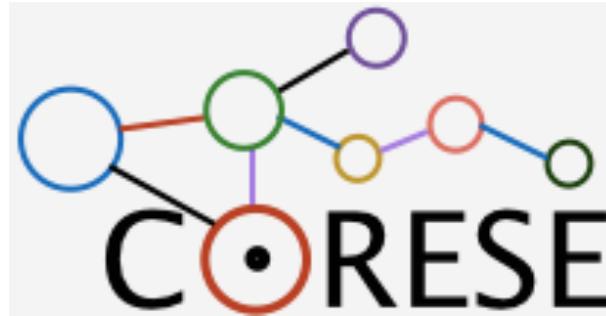
`Reset`

Simple Queries 1

- Find resource with the english label « Prague »
- Find all the properties of this resource
- Find the types of this resource
- Choose a type
- Find the resources with the type

Simple Queries 2

- select distinct * where {?s rdfs:label "Prague"@en} LIMIT 100
- select distinct * where {<http://dbpedia.org/resource/Hanlin,_Burma> ?p ?o} LIMIT 100
- select distinct * where {<<http://dbpedia.org/resource/Prague>> rdf:type ?o} LIMIT 100
- select distinct * where {?s rdf:type <<http://dbpedia.org/ontology/PopulatedPlace>>} LIMIT 1000



- Simple inference in action with Corese, a Semantic Web Factory (triple store & SPARQL endpoint) implementing RDF, RDFS, SPARQL 1.1 Query & Update, developed by INRIA
- <http://wimmics.inria.fr/corese>
 - tutorial: <http://wimmics.inria.fr/node/34>
 - Linked Data Navigator using Corese and SPARQL Template TransformationLanguage: <https://corese.inria.fr/>

Further reading

The Programming Historian

About · Lessons · Contribute · Project Team · Research · Blog

November 24, 2015

Using SPARQL to access Linked Open Data

By Matthew Lincoln

Reviewed by Patrick Murray-John, Jason Heppler, Will Hanley and Fred Gibbs
Recommended for Intermediate Users

<http://programminghistorian.org/lessons/graph-databases-and-SPARQL#searching-rdf-with-sparql>