

Networking Ancient People

The SNAP:DRGN project

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Standards for Networking Ancient Prosopographies: Data and Relations in Greco-Roman Names

- Origins of the project
- Aims of the SNAP:DRGN project
- State of play

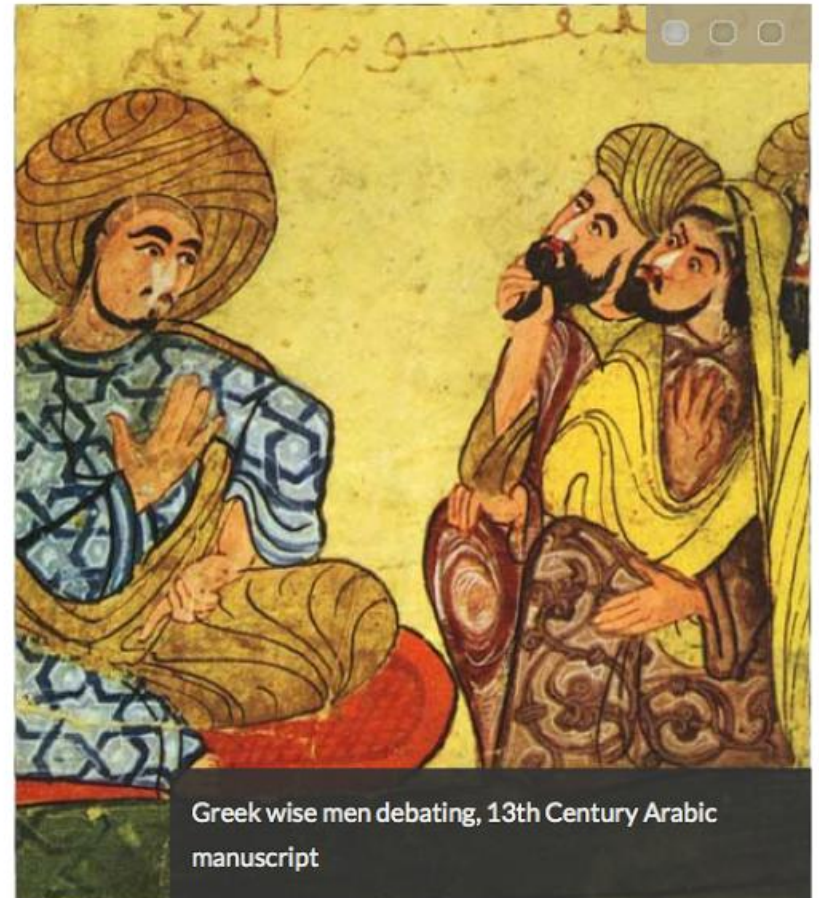
The background of the image is a close-up of an ancient manuscript page, likely from the Lindisfarne Gospels. It features intricate, interlaced patterns and faint, repeating Greek text in a Gothic script. The text is mostly illegible due to fading and the complexity of the background design. The overall color is a warm, aged yellowish-brown.

ORIGINS OF COLLABORATION

Sharing Ancient Wisdoms

Welcome to the website of the Sharing Ancient Wisdoms project, and the SAWS Dynamic Library of Wisdom Literatures.

This project was funded by Humanities in the European Research Area, as part of their first Joint Research Programme. We are very grateful to them, and to our home institutions: King's College London, The Newman Institute Uppsala, and the University of Vienna.



Greek wise men debating, 13th Century Arabic manuscript

digitalclassicist

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The beginnings of a collation of prosopographies of greco-roman persons/names, both digital and in print.

Title	Online?	URIs?	RDF?	Alignments	References
Analytical Onomasticon to the Metamorphoses of Ovid ↗ (DC wiki)	Y				(Now defunct, but worth noting for the record)
Datenbank der demotisch und griechisch bezeugten Personen aus Soknopaiu Nesos ↗ (DC wiki)	Y				
Dictionary of Greek and Roman Biography and Mythology (Smith) (DC wiki)	Y	Y			(e.g. Alexander 3 ↗)
Epigraphische Datenbank Heidelberg ↗ (EDH) (DC wiki)	Y	(Y)			
Hellenistic Babylonia: Texts, Images and Names ↗ (DC wiki)	Y				
Laterculi Praesidium ↗ (DC wiki)	Y				(Thomasson)
Lexicon of Greek Personal Names ↗ (LGPN) (DC wiki)	Y	(Y)	Y		
Magistrates of the Roman Republic (MRR) (DC wiki)					(Broughton)
Persons of Ancient Athens ↗ (PAA) (DC wiki)	Y				
Prêtres Civiques ↗ (DC wiki)	Y				
Prosopographia Attica	(Y)				(Kirchner 1903 vol. 1 ↗ vol.2 ↗)
Nachträge zur Prosopographia Attica (Behind HathiTrust login ↗)	(Y)				(Sundwall 1910)
Prosopographia Imperii Romani (PIR) 🔒		(Y 🔒)			https://raw.githubusercontent.com/paregorios/roman-persons/ 🔒
Prosopographia Ptolemaica ↗ / Trismegistos ↗ (DC wiki)	Y	Y			
Prosopographie der Lakedämonier					(Poralla 1913)
Prosopographie der mittelbyzantinischen Zeit ↗ (PMBZ) (DC wiki)	Y				

Linked Ancient World Data Institute

LAWDI 2013 Breakout Ideas

People/Names/Prosopographies

- including SNAP group (GB, HC, MD, LI, FL, [++]):
 - get the large e-prosopographies to mint URIs
 - taxonomy of types of person/name entity
 - think about use-cases for the kinds of statements people might want to make about our datasets
 - hierarchical ontology of types of relationships
 - agree standards to link, record, and express relations between and with entities and datasets
 - produce “cookery book” and hold workshops to encourage smaller prosopographies and stakeholders to contribute (a) uris and (b) relationships
- including SNAC group, <http://socialarchive.iath.virginia.edu/index.html> (prototype, <http://socialarchive.iath.virginia.edu/xtf/search>)
- Existing work in this area
- People-related things (e.g., offices/magistracies, name references)
- Encoded Archival Context for Corporate bodies, Persons and Families (EAC-CPF) RDF for LAD (Linked Archival Data), http://archivi.ibc.regione.emilia-romagna.it/ontology/reference_document/referencedocument.html
 - related content standard, International Standard for Archival Authority Records for Corporate bodies, Persons and Families (ISAAR-CPF), <http://www.ica.org/?lid=10203>

Bringing people together

- King's College London
 - Gabriel Bodard
 - Faith Lawrence
- Oxford: Sebastian Rahtz (LGPN)
- Southampton: Leif Isaksen (Pelagios)
- Leuven: Mark Depauw (Trismegistos)
- Duke: Hugh Cayless (Papyri.info)

AIMS OF THE PROJECT

On the model of Ancient Geography

PLEIADES

A community-built gazetteer and graph of ancient places



Search the 34,344 Places

On the model of Ancient Geography

PLEIADES

A community-built gazetteer and graph of ancient places



Pelagios means 'of the sea', the networking medium for ancient places

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[Find a Place](#)

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About PELAGIOS

PELAGIOS stands for 'Pelagios: Enable Linked Ancient Geodata In Open Systems' - its aim is to help introduce Linked Open Data goodness into online resources that refer to places in the Ancient World. Why do we want to do that? Well, we think it will make all sorts of other things possible, including new modes of discovery and visualization for scholars and the general public. Pelagios also means 'of the sea', the superhighway of the ancient world - a metaphor we consider appropriate for a digital resource that will connect references to ancient places.

Who are Pelagios?

Pelagios are a collective of projects connected by a shared vision of a world - most eloquently described in Tom Elliott's article 'Digital Geography and Classics'

SEARCH THE PELAGIOS BLOG

Search

PARTNERS

[Arachne](#)
[British Museum](#)
[CLAROS](#)
[Digital Memory Engineering](#)
[Fasti Online](#)
[Google Ancient Places](#)
[Inscriptions of Israel/Palestine](#)
[ISAW papers](#)
[jiscGEO](#)
[LUCIFRO](#)

SNAP:DRGN fundamentals

- An *index* to ancient world people, not a new prosopography: an ancient world VIAF or ORCID
- Modelling just those aspects of people which are relevant to relationships and disambiguation
- *Annotation not cataloguing*
- A place to store the conclusions of disambiguation
- **Linked Open Data** - a mindset and a technicality

Linked data: a reminder

- ❑ Available on the web (whatever format), but with an open licence
- ❑❑ Available as machine-readable structured data (e.g. Excel instead of image scan of a table)
- ❑❑❑ As (2) plus non-proprietary format (e.g. CSV instead of Excel)
- ❑❑❑❑ All the above, plus: Use open standards from W3C (RDF and SPARQL) to identify things, so that people can point at your stuff
- ❑❑❑❑❑ All the above, plus: Link your data to other people's data to provide context

Joining the SNAP:DRGN collective

- I. Put your prosopography online (with URIs)
- II. Contribute minimal RDF of persons to SNAP:DRGN
- III. Identify co-references between prosopographies
- IV. Make assertions/relationships between persons
- V. Annotate texts with person identifiers

SNAP:DRGN recommendations

- I. Put your prosopography online (with URIs)**
 - o Lexicon of Greek Personal Names
 - o Trismegistos (Ptolemaic Prosopography + Papyri)
 - o Prosopographia Imperii Romani (index)
- II. Contribute minimal RDF of persons to SNAP:DRGN**
- III. Identify co-references between prosopographies**
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SNAP:DRGN initial data set

Lexicon of Greek Personal Names	Greek names from 700 BC to 700 AD, modelling persons as a side effect	303102 people
Trismegistos	Papyrological and epigraphical resources dealing with Egypt and the Nile valley between 800 BC and AD 800	367048 people
Prosopographia Imperii Romani	Leadership of the Roman Empire from the reign of Augustus (32 BC) to the 3rd century AD, including the imperial families, senators, equites, etc.	10924 people

Data quality: LGPN

- Stable URIs for people:
<http://www.lgpn.ox.ac.uk/id/V2-25595>
- Modelling names separately from people
- Regularized dates: [?500-475BC](#)

But

- Relationships are textual: “f. Χάρτος”
- Textual references only: “LSAG² p. 132 no. 33”
- Name variants are not formally linked: *IG IX (1) 291*; *LSAG2* p. 108 no. 12 (date) (–**τῷ** (gen.))
- Not fully dereferenceable

Data quality: PIR

- Established identifiers
- Agreed disambiguation

BUT

- No sources for attestation
- Not dereferenceable
- No relationship information
- No modelling of names

Data quality: Trismegistos

- Established IDs
- Linking to source: Πεκύσιος. [Bodl. 2 1115](#), 2 (full text via [Papyri.info](#))
- Linked relationships
- Modelling of name variants
- Clear distinction between name, person, and attestation

BUT

- Not fully dereferenceable

Dereferencing: example

- Start with <http://collection.britishmuseum.org/id/person-institution/170284> (a person)
- Follow link to <http://collection.britishmuseum.org/id/person-institution/52701/appellation/3> to get name
- Follow link to <http://collection.britishmuseum.org/id/thesauri/profession/ruler> to get status

In each case reading RDF data

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A partner workflow






















1. Decide whether you have a set of names, a set of attestations, or a prosopography
2. Identify your records
3. Establish the identities online
4. Data wrangling/clean-up
5. Transform the data
6. Make the RDF available

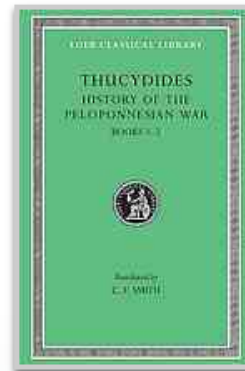
Data partners




















- Sharing Ancient Wisdoms (SAWS)
- Roman Inscriptions of Britain (RIB) name index
- Prosopography of the Byzantine World (PBW)
- Smith Dictionary
- Syriac Saints
- Syriac Prosopography
- Hellenistic Babylon
- Roman Emperors
- Numismatic issuers and authorities
- Ceramic painters and potters
- British Museum people
- Prosopography of the Byzantine Empire (PBE)
- Republican individuals
- VIAF
- Perseus Catalog
- Attic Inscriptions Online
- Prosopography of Roman Egypt
- Tebtynis Prosopography (Berkeley)
- Catalogue of Ships
- Sicilian officers
- Prosopography of Cyrenaica (in progress)
- Digitizing the Prosopography of the Roman Republic (DPRR)
- Epigraphic Database Heidelberg (EDH)

Typical data issues

- Not yet identifying records (eg just rows in a spreadsheet)
- Not online yet (long-term hosting issues)
- No primary sources
- Not distinguishing names from persons

3 [Thucydides](#)       
[Thucydides, 460-ca. 395 v. Chr.](#) 
[Thucydide, 0460?-0395? av. J.-C.](#)  
[Thucydides \(ca 460-ca 396 a.C.\).](#)  
[Thucydides v460-v400](#) 
[Thukydidēs, ca 460-ca 399 f.Kr.](#) 
[Tucidides](#) 
[Thucydide](#)  
[תוקידידס](#) 
[Tukidīds, ap 460-400 p.m.ē.](#) 
[Thúkydidés, ca 460-ca 396 př. Kr.](#) 
[Thoukydides, 460-400B.C.?](#) 



[Thucydides](#)       
[Thucydides, 460-ca. 395 v. Chr.](#) 
[Thucydide, 0460?-0395? av. J.-C.](#)  
[Thucydides \(ca 460-ca 396 a.C.\).](#)  
[Thucydides v460-v400](#) 
[Thukydidēs, ca 460-ca 399 f.Kr.](#) 
[Tucidides](#) 
[Thucydide](#)  
[תוקידידס](#) 
[Tukidīds, ap 460-400 p.m.ē.](#) 
[Thúkydidés, ca 460-ca 396 př. Kr.](#) 
[Thoukydides, 460-400B.C.?](#) 
VIAF ID: 95161463 (Personal)
Permalink: <http://viaf.org/viaf/95161463>
ISNI-test: [0000 0001 2144 141X](https://isni.org/0000-0001-2144-141X)
The history of the Peloponnesian war
The history of the Peloponnesian war
Thucydides Historiae

A	B	C	D	E	F	G	H	I	J	K	L
Nomen	Exact nomen	Praenomen	Cognomen	Father's /patron's n	Number of people	Century	Exact date	Location	Origin	Information	Source
Abbius	Abius	Lucius			1	1	93	Terracina		master of Menopili(us), tessera nummularia	ILLRP 1003 = CIL 1.2 890 = 10.8070.1 = ILS 5161d
Abbius	Abbius	Lucius	Pilemo	Lucius (patron)	1	?	Rep	Terracina		contribution to aedicula and elix de colegi s	ILLRP 764 = CIL 1.2 1555
Abbius	Abbius	Staius (2x), Gaius (2	Oppianicus		4	1	Ciceronian	Larinum		quidam colonus; one Staius is eques and father-in-law	Cic. Clu. 109, 175
Abellensis	Abelise				1	3	3rd?	Falerii Novi			Bakkum no. Lat 251
Abienus	Abie[n]	Tiberius			1	3	2nd half 3rd/1st half 2nd	Plestia		maker of vase; may also be T. Labienus	Nonnis & Sisani 2012, 82
Abollius	Abollie[s]				1	2	200-100	Baragiano		maker's mark?	Imit Numistro 2
Abonius	(H)Abonius	Lucius			1	?		Pompeii			CIL 4.8712, 10232
Aborienus	Aborienus	Lucius	Katlos	Lucius (father)	1	?		Kos?			Hatzfeld 1919, 383
Aburius	Abris		Kumala	Kaikou	1	1	80	Oropos	Cumae?		Hatzfeld 1919, 383
Aburius	Aburius	Marcus			1	2	pr 176	Rome	Caere?		Liv. 41.15.5
Aburius	Aburius	Gaius			1	2	legate 171	Rome			Liv. 42.35.5
Aburius	Aburius	Gaius	Geminus		1	2	c. 133 or 119-0	Rome		3vir monetalis	RRC no. 244/1
Aburius	Aburius	Marcus	Geminus		1	2	c. 132 or 120	Rome		3vir monetalis	RRC no. 250/1
Aburius	Aburius	Gaius			1	?	Rep	Pompeii		election for 2vir	ILLRP 1127 = CIL 4.7118, 7121
Abuttiis	Abutis	Mais			1	?		Flumeri		tile stamp	Imit Aeclanum 14
Abuttiis	Abuttiis	Gaius	Lacon(ius)	Lucius (father)	1	1	1st	Anagnia		aedile; coopted into local Senate; topiarius; friend of / Cic. Phil. 2.106; ILLRP 533 = CIL 1.2 1521 = 10.5914 = ILS 62	
Acarcellinius	Acarcellini, Acacelini				1	3	3rd?	Falerii Novi			Bakkum nos. LF 221-3, 226
Acerratius	Acerratius	Quintus			1	1	1st half 1st	Minturnae		master of [.]h[.]rrio and [P]hilargurus, magisters who n	ILLRP 733 = CIL 1.2 2684
Acerratius	Acerratius				1	1	1st half 1st	Minturnae		master of Salvius, magister who makes dedication	ILLRP 741 = CIL 1.2 2701
Acerratius	Acerratius	Lucius			1	?	Rep or Augustan-imperial	Capua		2vir or aedile dedication of land	CIL 10.3822
Acerronius	Acerronius				1	2	2nd	Rossano di Vaglio		building inscription	Nava & Poccetti 2001; Fracchia & Gualtieri 1999, 335
Acerronius	Aceronius	Marcus			1	1	1st half 1st	Minturnae		master of Troilus, magister who makes dedication	ILLRP 739 = CIL 1.2 2692
Accaeus	Acca			Lucius (father)	1	?		Corfinium			Rix Pg 32 = Ve 215f
Accaeus	Acivaom (pl gen)				2	3	c. 300	Civitella San Paolo		black slip bowl	Imit Capena 4
Accaeus	Aca[ea]	C			1	1	100-50	Corfinium		name of priestess?	Imit Corfinium 8 = CIL 1.2 3229
Accaeus	Acca(ea)	Saluta			1	1	100-50	Corfinium		grave inscription?	Imit Corfinium 13 = Rix Pg 32 = Ve 215f
Accaeus	Acaes	S		Lucius (patron)	1	1	100-50	Corfinium		grave inscription?	Imit Corfinium 12 = Rix Pg 50 = Pocc. 209 = CIL 1.2 3228

SNAP:DRGN recommendations

- I. Put your prosopography online (with URIs)
- II. **Contribute minimal RDF of persons to SNAP:DRGN**
 - o <http://snapdrgn.net/cookbook>
- III. Identify co-references between prosopographies
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SNAP Ontology

An *ad hoc* set of classes. Could be re-expressed using eg CIDOC CRM

<<http://lawd.info/ontology/Person>>
<<http://schema.org/Person>>
<<http://xmlns.com/foaf/0.1/Person>>
<<http://lawd.info/ontology/PersonalName>>
<<http://lawd.info/ontology/Citation>>
<<http://lawd.info/ontology/NameAttestation>>
<<http://lawd.info/ontology/PersonAttestation>>
<<http://onto.snapdrgn.net/snap#SpouseOf>>
<<http://onto.snapdrgn.net/snap#FatherOf>>
<<http://onto.snapdrgn.net/snap#MotherOf>>
<<http://lawd.info/ontology/Attestation>>
<<http://onto.snapdrgn.net/snap#SonOf>>
<<http://onto.snapdrgn.net/snap#DaughterOf>>

Properties in the ontology

<http://purl.org/dc/terms/description>	(2)
<http://www.w3.org/2004/02/skos/core#exactMatch>	(406)
<http://lawd.info/ontology/name>	(10924)
<http://purl.org/dc/terms/bibliographicCitation>	(10924)
<http://purl.org/dc/terms/isPartOf>	(10924)
<http://xmlns.com/foaf/0.1/isPrimaryTopicOf>	(10924)
<http://purl.org/dc/terms/title>	(10927)
<http://onto.snapdrgn.net/snap#bond-with>	(139607)
<http://lawd.info/ontology/primaryForm>	(206080)
<http://onto.snapdrgn.net/snap#associatedPlace>	(314320)
<http://onto.snapdrgn.net/snap#has-bond>	(348711)
<http://lawd.info/ontology/hasCitation>	(465846)
<http://purl.org/dc/elements/1.1/publisher>	(479266)
<http://lawd.info/ontology/hasName>	(667257)
<http://xmlns.com/foaf/0.1/name>	(684490)
<http://onto.snapdrgn.net/snap#associatedDate>	(688578)
<http://purl.org/dc/terms/publisher>	(848403)
<http://purl.org/spar/cito/citesAsEvidence>	(902192)
<http://lawd.info/ontology/hasAttestation>	(1362205)

SNAP:DRGN recommendations

- I. Put your prosopography online (with URIs)
- II. **Contribute minimal RDF of persons to SNAP:DRGN**

- a URI (i.e. the URL on your own website in 1. above)

- a type, drawn from this list:

- lawd:Person
- lawd:Deity

<<http://www.lgpn.ox.ac.uk/id/V5a-35652#this>> rdf:type lawd:Person

<<http://www.trismegistos.org/person/181#this>> rdf:type lawd:Person

<<http://www.paregorios.org/resources/roman-elites/persons/pir2-a-0653>>

rdf:type lawd:Person

The name

- lawd:PersonalName

<<http://www.lgpn.ox.ac.uk/nym/nSuntu1ch>>

rdf:type lawd:PersonalName ;

lawd:primaryForm "Συντύχη"@grc ,
"Suntuch"@grc-Latn .

<<http://www.paregorios.org/resources/roman-elites/names/pir2/a-0653>>

rdf:type lawd:PersonalName ;

lawd:primaryForm "APPIVS ANNIVS GALLVS"@lat .

<<http://www.trismegistos.org/name/860#this>>

rdf:type lawd:PersonalName ;

lawd:primaryForm "Πετεαρσεμθευς"@grc ,
"Peteharsomtous"@en .

Attestation and citation

<<http://www.trismegistos.org/name/509#this>>

a lawd:PersonalName ;

dc:publisher <<http://www.trismegistos.org>> ;

lawd:primaryForm "Νεχθανούπιος"@grc;

lawd:hasAttestation <<http://www.trismegistos.org/ref/852#this>> .

- lawd:Attestation

<<http://www.lgpn.ox.ac.uk/id/V5a-35652#personref-1>>

rdf:type lawd:Attestation , cnt:ContentAsText ;

cito:citesAsEvidence <<http://www.lgpn.ox.ac.uk/id/V5a-35652#ref-1>> ;

cnt:chars "Ἀπολλώνιος" .

<<http://www.trismegistos.org/ref/965#this>>

rdf:type lawd:NameAttestation, lawd:PersonAttestation, cnt:ContentAsText ;

cito:citesAsEvidence <<http://www.trismegistos.org/text/56#this>> ;

lawd:hasCitation <<http://www.trismegistos.org/ref/965#citation>> ;

cnt:chars "Πετεαρσεμθεύς" .

- lawd:Citation

<<http://www.trismegistos.org/ref/965#citation>>

rdf:type lawd:Citation, cnt:ContentAsText ;

cnt:chars "BGU 3 994, col. 1, 4" .

<<http://www.lgpn.ox.ac.uk/id/V5a-36352#ref-1>>

rdf:type lawd:Citation , cnt:ContentAsText ;

cnt:chars "ISmyrna 690 III, 3" .

Name for humans to read

<<http://www.lgpn.ox.ac.uk/id/V5a-35652#this>>

foaf:name "Ἀπολλώνιος" @grc , "Apollwnios" @grc-Latn ,
"Apollonios" @en , "ابولونيوس" @ar

lawd:hasName

<<http://www.lgpn.ox.ac.uk/nym/nApollw1nios>>.

<<http://www.trismegistos.org/person/181#this>>

lawd:hasName <<http://www.trismegistos.org/name/860#this>> ;

foaf:name "Πεταρσεμθευς" @grc .

Place and date

Date:

<<http://www.trismegistos.org/person/181#this>>
snap:associatedDate "-0199/-0062" .

<<http://www.lgpn.ox.ac.uk/id/V5a-47783>>
snap:associatedDate "0183/0183" .

Place

<<http://www.lgpn.ox.ac.uk/id/V5a-41349>>
snap:associatedPlace <<http://pleiades.stoa.org/places/550496>> ;
foaf:name "Aristobouλος"@grc-Latn .

<<http://pleiades.stoa.org/places/550496>>
rdf:type lawd:Place, cnt:ContentAsText ;
cnt:chars "Chios"@en .

<<http://www.trismegistos.org/person/181#this>>
snap:associatedPlace <<http://www.trismegistos.org/place/1628#this>> .

<<http://www.trismegistos.org/place/1628#this>>
rdf:type lawd:Place, cnt:ContentAsText ;
cnt:chars "Egypt, U04a - Pathyris (Gebelein)" .

Relationships

<<http://www.trismegistos.org/person/181#this>>

snap:has-bond <urn:sha1:0cf527813da2ef0d3bfc776a7aa1f87ec74d27d8> ;

snap:has-bond <urn:sha1:d5bc2e4141aa4668f152f4ee9ff6c8f99c71652b> ;

snap:has-bond <urn:sha1:92f0f3f42c02a260ae9c0474d0380426496b369d> .

<urn:sha1:0cf527813da2ef0d3bfc776a7aa1f87ec74d27d8>

a snap:SonOf, cnt:ContentAsText ;

snap:bond-with <<http://www.trismegistos.org/person/180#this>> ;

cnt:chars "Father: Panebchounis" .

<urn:sha1:d5bc2e4141aa4668f152f4ee9ff6c8f99c71652b>

a snap:SonOf ;

snap:bond-with <<http://www.trismegistos.org/person/531#this>> .

<urn:sha1:92f0f3f42c02a260ae9c0474d0380426496b369d>

a snap:SpouseOf ;

snap:bond-with <<http://www.trismegistos.org/person/13423#this>> .

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```
<http://data.snapdrgn.net/person/1234>
  a lawd:Person, snap:MergedResource ;
  dc:replaces
    <http://data.snapdrgn.net/person/1231>
;
  dc:replaces
    <http://data.snapdrgn.net/person/1232>
;
  dc:publisher http://snapdrgn.net ;
  snap:reason <urn:foo:bar> .
<urn:foo:bar>
  a cnt:ContentAsText ;
  cnt:chars "Both sources cite the same
            inscription, IG II2 4321." .
```

Asserting co-reference

Duplicate work: Source A and source B unambiguously cite the same source for a person (ie publication of an inscription) (example: LGPN and Trismegistos both cite *Prosopographia Ptolemaica*)

Overlapping work: Source A defines a person, so does Source B; source C makes it clear they are the same person

Inferred identity: in the circumstances (name, date, place, status), person A and person B really must be identical

Hypothesized identity: the similarity of names and background suggest strongly that these two people are the same

Idealized identity: It wouldn't half suit my thesis if person A and person B were the same individual....

SNAP:DRGN recommendations

- I. Put your prosopography online (with URIs)
- II. Contribute minimal RDF of persons to SNAP:DRGN
- III. Identify co-references between prosopographies
- IV. Make assertions/relationships between persons**
 - o *to be specified*
- V. Annotate texts with person identifiers

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V. Annotate texts with person identifiers

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```
<http://data.perseus.org/annotations/occur/places:pleiades
/urn:cts:greekLang:tlg0003.tlg001.perseus-eng3#4>
  rdf:type oac:Annotation ;
  dcterms:created "2012-07-20" ;
  dcterms:creator "Perseus Digital Library" ;
  dcterms:title "Thucydides, The Peloponnesian War
1.17"@en ;
  oac:hasBody
    <http://pleiades.stoa.org/places/981549#this>;
  oac:hasTarget
    <http://data.perseus.org/citations/urn:cts:greekLang
:tlg0003.tlg001.perseus-eng3:1.17> .
```

SNAP:DRGN recommendations

V. Annotate texts with person identifiers

- o *cf.* Pelagios

```
<http://insaph.kcl.ac.uk/annotation/987654>
```

```
  rdf:type oac:Annotation ;
```

```
  dcterms:created "2014-06-03" ;
```

```
  dcterms:creator "Inscriptions of Aphrodisias" ;
```

```
  dcterms:title "Ἀδράσιου"@grc ;
```

```
  oac:hasBody
```

```
    <http://data.snapdrgm.net/person/1234#this>;
```

```
  oac:hasTarget
```

```
    <http://insaph.kcl.ac.uk/iaph2007/iAph120201.html#14> .
```

RESEARCH QUESTIONS

Research questions

- Data creation and discovery
 - NER across Greek and Latin inscriptions
 - (Depauw found 450k in Papyri)
- Co-reference analysis
 - Authority needs to minimize doubles (*cf.* VIAF)
 - (Hestia geoparser)
- Social Network Analysis
 - Has been used to spot likely co-references
 - But requires more data than we take

SNAP:DRGN 1.0 state of play

- Build ontology
- Cookbook version 1.0
- LGPN, TM, PIR -> SNAP
- Partner projects data
- Co-references within data
- APIs and services
- NER on inscriptions
- Reasoning on RDF

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SNAP:DRGN 2.0

- ❖ **Person-search as a research tool**
- ❖ **Graph-search as a crosswalk channel**
- ❖ **Pelagios-style harvester for oac annotations pointing in to snap**
- ❖ **Speccking full annotation, certainty & disagreement**
- ❖ **Infrastructure and optimization**
- ❖ **Co-reference identification**
 - **SNA**
 - **Crowdsourcing**
 - **Reasoning**

<http://snapdrgn.net>