

Romans 1by1:

Classical Prosopography using relational and graph based approaches

Rada Varga (Babeş-Bolyai University, Cluj-Napoca)

Stefan Bornhofen (CY Tech, CY Paris Cergy University)

Romans1by1 as a relational database

<http://romans1by1.com/>



The screenshot shows the homepage of the Romans1by1 website. At the top, there is a dark purple header with the title "ROMANS ONE BY ONE" in yellow. Below the header is a yellow navigation bar with links for HOME, TEAM, ABOUT, PEOPLE, ADVANCED SEARCH, REFERENCES, and COLLABORATIONS. The main content area is white and features the Romans1by1 logo on the left, which includes the text "Romans 1by1" and a circular image of three people. To the right of the logo is a black award badge for the "DH Awards 2019 Winner: Best DH dataset". The central text area contains a "Welcome to Romans1by1!" section, a "Notes & Feedback" section, and a "Terms of use:" section. The "Welcome" section describes the database's focus on Greek and Roman epigraphy in specific provinces. The "Notes & Feedback" section explains that the tool is dynamic and in progress, encouraging user input. The "Terms of use:" section states that the information is published under a Creative Commons Attribution 4.0 International License and provides the URL for the license. At the bottom, a citation model is provided, showing how to use the website's URL structure to cite individual records.

ROMANS ONE BY ONE

HOME TEAM ABOUT PEOPLE ADVANCED SEARCH REFERENCES COLLABORATIONS

Romans 1by1

DH Awards 2019 Winner: Best DH dataset

Welcome to Romans1by1!
Romans 1by1 is a population database recording people identified in Greek and Roman epigraphy. The areas integrally covered at this point are the provinces of Moesia Inferior, Moesia Superior and Dacia. From Pannonia Superior, we have integrated so far the urban centers of Poetovio, Neviodunum, Siscia, Savaria, Brigetio and Scarbantia.

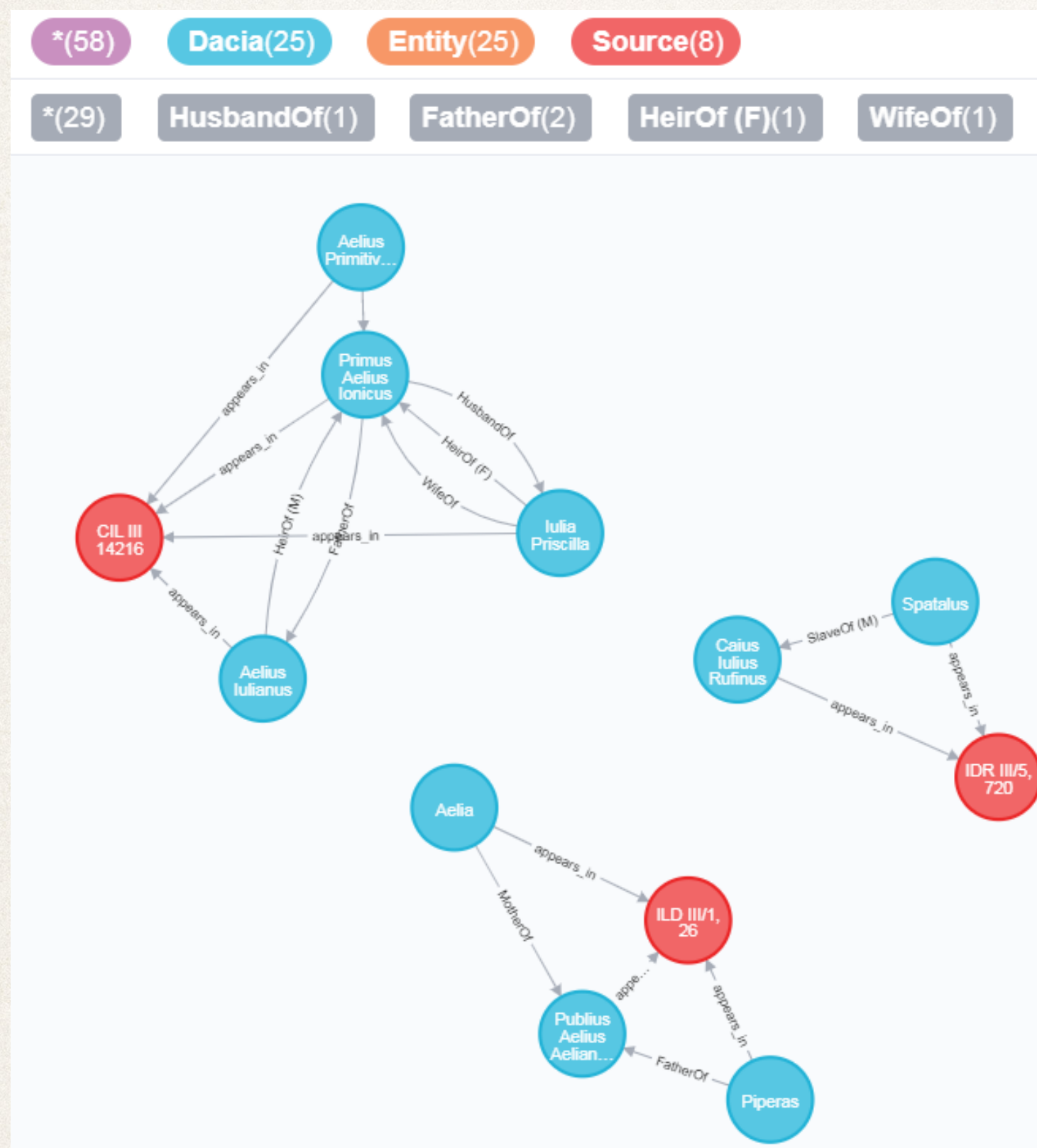
Notes & Feedback
Romans 1by1 is a dynamic tool and can be considered a constant work in progress. If you encounter any errors or broken functionality, please get in touch with the editors ([Contact Us](#)). User feedback is vital for the successful development of the platform.

Terms of use:
The information available through Romans 1by1 is published under a Creative Commons Attribution 4.0 International Licence.
<https://creativecommons.org/licenses/by/4.0/>

Citation model: copy URL link for the personal file (as <http://romans1by1.com/rpeople/526>, where 526 is the person's unique ID)

Romansiby1 as a graph database

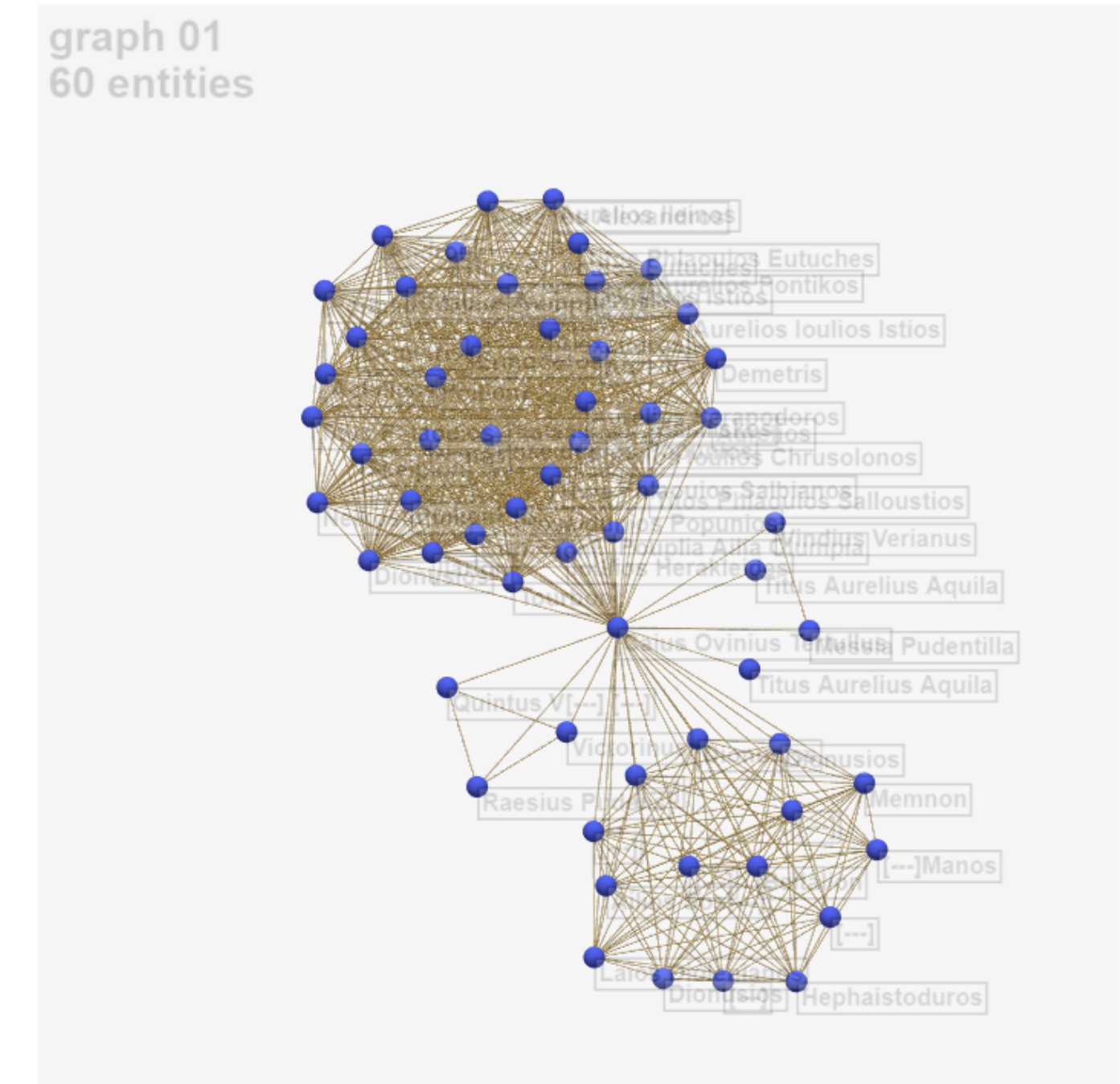
Neo4j Browser



Intergraph <https://blizaarlab.recherche.cergy.eisti.fr>

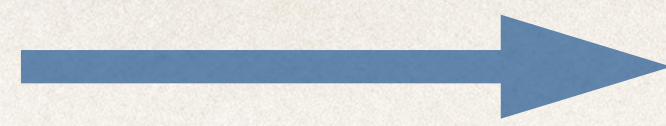
The Intergraph interface displays a table of entities co-appearing with Caius Ovinus Tertullus. The table has columns for type, title, app, coapp, and jac. The table is filtered to show 59/59 nodes. The table content is as follows:

type	title	app	coapp	jac
⚓	Messia Pudentilla	2	2	0.08
⚓	Vindius Verianus	2	2	0.08
⚓	Titus Aurelius Aquila	1	1	0.04
⚓	Alios Sos[---]	1	1	0.04
⚓	[---]	1	1	0.04
⚓	[---]	1	1	0.04
⚓	Beitalion	1	1	0.04
⚓	[---]	1	1	0.04
⚓	[---]	1	1	0.04
⚓	Dionusios	1	1	0.04
⚓	Hephaistoduros	1	1	0.04
⚓	Memnon	1	1	0.04



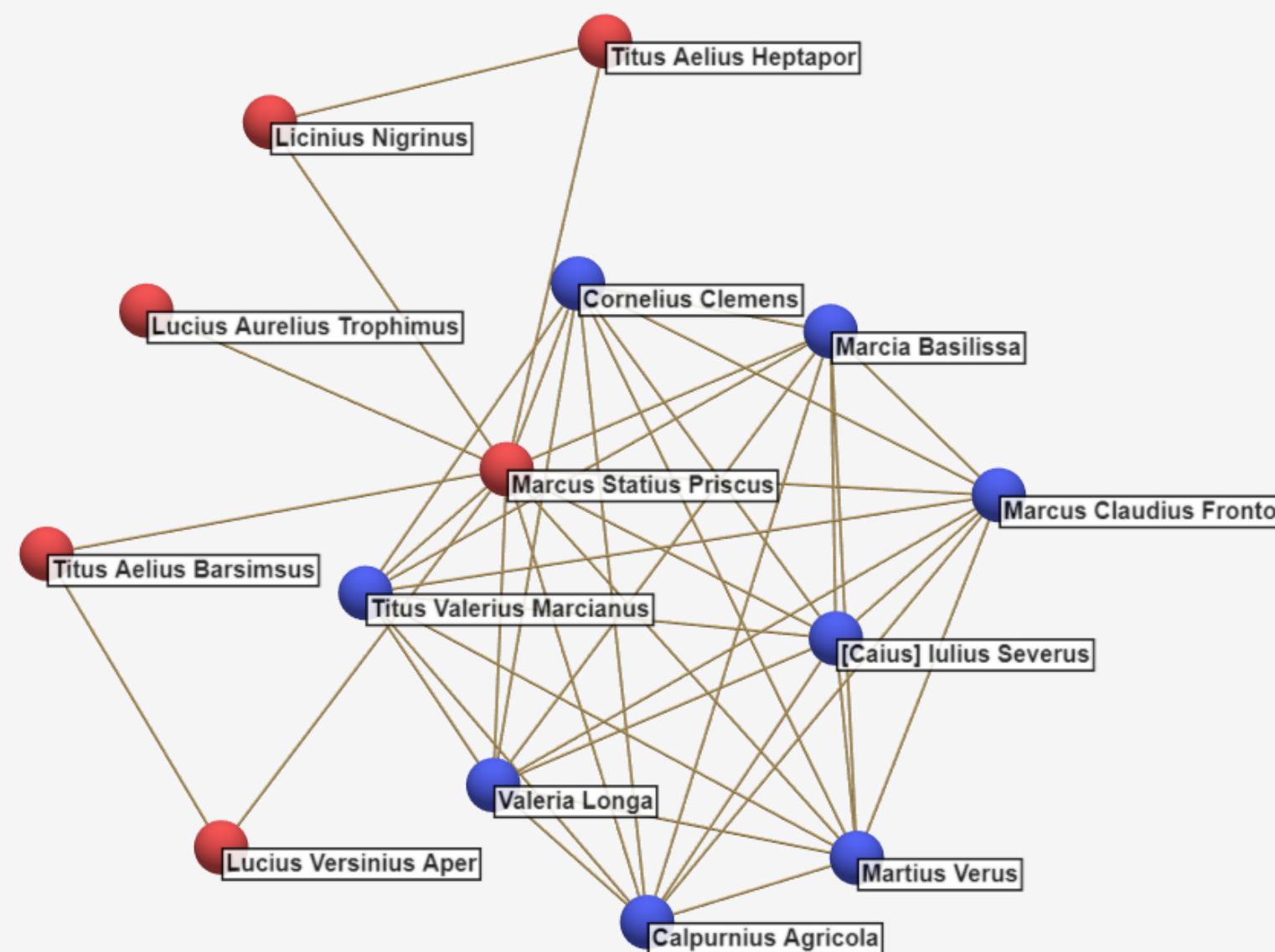
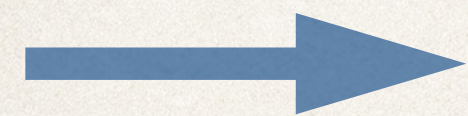
- Graph visualization dedicated to DH collections
- Scene of subgraphs which can be dynamically modified
- Interest-driven navigation and discovery
- Structured and understandable amount of data
- Ongoing work

Romans 1by1 person file

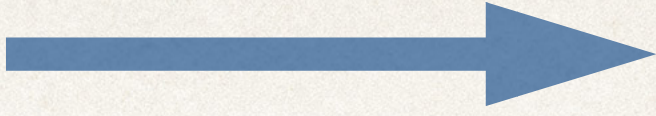


Intergraph network visualisation

ID: 596 Praenomen: Marcus Nomen: Staius Cognomen/Personal name: Priscus Agnomen: Licinius Italicus -	Gender: Male Juridical status: yes Citizen: yes Tribus: Claudia Deities: Isis et Serapis; Victoria Augusta; Nympha, Iupiter; Genio Imperatoris; Iupiter Optimus Maximus Dedicated for: yes Dedicated by: yes	Inscriptions: 00067DS 00187DS 00692DS 00691DS 00713DS 00737DS 01376DS 01147MI 00896DS 00196MS 01944DS 01943DS External Link: https://edh-www.adw.uni-heidelberg.de/edh/inschrift/HD045766 https://edh-www.adw.uni-heidelberg.de/edh/inschrift/HD043923 https://edh-www.adw.uni-heidelberg.de/edh/inschrift/HD011695 https://edh-www.adw.uni-heidelberg.de/edh/inschrift/HD045668 https://edh-www.adw.uni-heidelberg.de/edh/inschrift/HD043923 https://edh-www.adw.uni-heidelberg.de/edh/inschrift/HD045744 https://edh-www.adw.uni-heidelberg.de/edh/inschrift/HD038270	Relations <table border="1"><thead><tr><th>Relation Type</th><th>Related person</th></tr></thead><tbody><tr><td>Unspecified</td><td>9412 Lucius Aurelius Trophimus</td></tr><tr><td>relationshipOf (M)</td><td>Trophimus</td></tr></tbody></table>	Relation Type	Related person	Unspecified	9412 Lucius Aurelius Trophimus	relationshipOf (M)	Trophimus
Relation Type	Related person								
Unspecified	9412 Lucius Aurelius Trophimus								
relationshipOf (M)	Trophimus								



- Visualisation of relations between entities
- Visualisation of co-appearances

Romans 1by1 person file  Graph network visualisation

Better input for:

- * How is a given person represented in the collection?
- * Who appears together with whom?
- * How does this change over time?
- * How to compare the coverage of two persons in the collection?