
Plan Overview

A Data Management Plan created using DMPonline.be

Title: Expanding and developing Trismegistos Authors – with an integrated interface

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Data Manager: First Name Surname

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Template: KU Leuven BOF-IOF

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Project abstract:

In this project the section of the Trismegistos research portal dealing with ancient authors and their works will be expanded and complemented with structured information such as names and name variants, provenance, date, impact, versions, genre, internal structure and preservation (direct or through testimonia and fragments). We will develop a powerful research tool that on the one hand has its roots in several recent research projects at KU Leuven, but on the other hand will also be an important contribution to them. The effort will also result in a new state of the art search interface which will allow to query and visualise all aspects of authors and their works in a user-friendly and flexible way.

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Expanding and developing Trismegistos Authors – with an integrated interface

Research Data Summary

List and describe all datasets or research materials that you plan to generate/collect or reuse during your research project. For each dataset or data type (observational, experimental etc.), provide a short name & description (sufficient for yourself to know what data it is about), indicate whether the data are newly generated/collected or reused, digital or physical, also indicate the type of the data (the kind of content), its technical format (file extension), and an estimate of the upper limit of the volume of the data.

Dataset name / ID	Description	New or reuse	Digital or Physical data	Data Type	File format	Data volume	Physical volume
		<i>Indicate: N(ew data) or E(xisting data)</i>	<i>Indicate: D(igital) or P(hysical)</i>	<i>Indicate: Audiovisual Images Sound Numerical Textual Model SOftware Other (specify)</i>		<i>Indicate: <1GB <100GB <1TB <5TB >5TB NA</i>	
TM Authors	Database of authors of the ancient westren world (800 BC - AD 800)	E	D	T	.fmp12 later converted to .csv	<1GB	
Fragments of authors	Either citations or small papyrus or epigraphical fragments of the authors in TM Authors	N	D	T	.fmp12 later converted to .csv	<1GB	
links to external databases for authors	Links to other places where information about authors can be found	E	D	T	.fmp12 later converted to .csv	<1GB	
connections between authors	relationships between authors of all types (master-student, genealogical, identity)	N	D	T	.fmp12 later converted to .csv	<1GB	

If you reuse existing data, please specify the source, preferably by using a persistent identifier (e.g. DOI, Handle, URL etc.) per dataset or data type:

All data is available online through <https://www.trismegistos.org/authors> or in the Filemaker that underlies the online version.

Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? If so, refer to specific datasets or data types when appropriate and provide the relevant ethical approval number.

- No

Will you process personal data? If so, please refer to specific datasets or data types when appropriate and provide the KU Leuven or UZ Leuven privacy register number (G or S number).

- No

Does your work have potential for commercial valorization (e.g. tech transfer, for example spin-offs, commercial exploitation, ...)?

If so, please comment per dataset or data type where appropriate.

- Yes

The new portal on authors is part of the Trismegistos database, which is run by the KU Leuven core facility Trismegistos+. Although we are Open Access in the sense that the detail pages are publicly accessible for all, the (advanced) functionality of the database is based on a subscription.

Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material or Data transfer agreements, Research collaboration agreements)? If so, please explain in the comment section to what data they relate and what restrictions are in place.

- No

So far not, although at some stage an agreement with Brepols or Brill may have been drafted.

Are there any other legal issues, such as intellectual property rights and ownership, to be managed related to the data you (re)use? If so, please explain in the comment section to what data they relate and which restrictions will be asserted.

- Yes

As stated above, part of the database and most of its functionality will be only useable with a subscription. The publicly available information as such is not copyrightable.

Documentation and Metadata

Clearly describe what approach will be followed to capture the accompanying information necessary to keep data understandable and usable, for yourself and others, now and in the future (e.g. in terms of documentation levels and types required, procedures used, Electronic Lab Notebooks, README.txt files, codebook.tsv etc. where this information is recorded).

The reworked Trismegistos Authors database is an integral part of the Trismegistos universe and has connections to several other tables in the database graph. Description of the different tables and their contents will be documented in a Google Doc in a first instance. This documentation will be part of the About page online once the new interface is published.

Will a metadata standard be used to make it easier to find and reuse the data?

If so, please specify which metadata standard will be used.

If not, please specify which metadata will be created to make the data easier to find and reuse.

- No

Trismegistos has its own data standards but we develop these in close cooperation with other projects, so that we are aware of compatibility issues.

The database is published as a common project and usually cited simply as TM or Trismegistos.

Data Storage & Back-up during the Research Project

Where will the data be stored?

- Other (specify below)

Trismegistos has its own dedicated physical server, which is in PPW.

How will the data be backed up?

- Standard back-up provided by KU Leuven ICTS for my storage solution

The data are redundantly backed up by ICTS.

Is there currently sufficient storage & backup capacity during the project?

If no or insufficient storage or backup capacities are available, explain how this will be taken care of.

- Yes

How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

The data are protected by the KU Leuven Firewall and we have procedures in place to make sure there is no unauthorized access. The public server (virtual machine hosted by ICTS) is read-only access. The physical server is used for Filemaker.

What are the expected costs for data storage and backup during the research project? How will these costs be covered?

The costs for data storage and back up are low (text only) and will be covered by the Trismegistos credit.

Data Preservation after the end of the Research Project

Which data will be retained for 10 years (or longer, in agreement with other retention policies that are applicable) after the end of the project?

In case some data cannot be preserved, clearly state the reasons for this (e.g. legal or contractual restrictions, storage/budget issues, institutional policies...).

- All data will be preserved for 10 years according to KU Leuven RDM policy

The data will become part of the Trismegistos database, which is a long-term project.

Where will these data be archived (stored and curated for the long-term)?

- Other (specify below)

The data will be part of the Trismegistos data.

What are the expected costs for data preservation during the expected retention period? How will these costs be covered?

The costs are negligible as they are an integral part of the Trismegistos database. Hosting this is paid by the Trismegistos credit.

Data Sharing and Reuse

Will the data (or part of the data) be made available for reuse after/during the project?
Please explain per dataset or data type which data will be made available.

- Yes, as restricted data (upon approval, or institutional access only)

The data will be part of the Trismegistos database. Most of the data is accessible in Open Access, but access to the data that is closely linked to the functionality may be restricted. The functionality is subscription-based.

If access is restricted, please specify who will be able to access the data and under what conditions.

See previous question.

Are there any factors that restrict or prevent the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)?

Please explain per dataset or data type where appropriate.

- Yes, intellectual property rights
- Yes, other

As stated above, Trismegistos is subscription-based, so the data closely connected with the functionality may not be publicly accessible in Open Access. If we enter into agreements with Brill or Brepols, intellectual property rights may be a further obstacle.

Where will the data be made available?

If already known, please provide a repository per dataset or data type.

- Other (specify below)

On the Trismegistos website: <https://www.trismegistos.org>.

When will the data be made available?

- Specific date (specify below)

As soon the interface has been developed and sufficient new data have been added.

Which data usage licenses are you going to provide?

If none, please explain why.

- Other (specify below)
- CC-BY 4.0 (data)

Mostly. See above.

Do you intend to add a persistent identifier (PID) to your dataset(s), e.g. a DOI or accession number? If already available, please provide it here.

- No

The data have 'clean' persistent identifiers in the Trismegistos database, which is publicly accessible.

What are the expected costs for data sharing? How will these costs be covered?

Part of the costs for access to the data is based on a subscription service.

Responsibilities

Who will manage data documentation and metadata during the research project?

The director of Trismegistos, Mark Depauw, and the Core Facility coordinator, Yanne Broux.

Who will manage data storage and backup during the research project?

Data storage and backup are automated and mostly done by the CLARIAH-team, in casu Tom Gheldof and Frederic Pietwoski.

Who will manage data preservation and sharing?

The director of Trismegistos, Mark Depauw, and the Core Facility coordinator, Yanne Broux, in collaboration with the CLARIAH-team.

Who will update and implement this DMP?

The director of Trismegistos, Mark Depauw.