

DARIAH in-kind – collection form

Date: 1 April 2015

Version: v1.0

VCC (mark with X): X VCC 1; e-Infrastructure
X VCC 2; Research and Education Liaison
X VCC 3; Scholarly Content Management
_ VCC 4; Advocacy, Impact and Outreach

1. Title of the contribution

“TheMaS”:An open source system for terms management

2. Academic entity offering the contribution (Institution, Laboratory, Consortium, Project, etc.)

- Academic entity acronym: *DYAS*
- Academic entity website: <http://www.dyas-net.gr>
- Link to the academic entity logo: <http://www.dyas-net.gr/wp-content/themes/dyas/img/dyas-logo-full.png>
- Description of the academic entity: *DYAS is a consortium of six institutions that operates DARIAH-GR that aims to create the national digital research infrastructure for the Arts and Humanities, that will operate in tandem with DARIAH-EU.*

3. Administrative entity

- Administrative entity acronym: *FORTH*
- Administrative entity address: *Foundation for Research and Technology, 100 Nikolaou Plastira Str, 711 10Vassilika Vouton, Heraklion, Crete, Greece*
- First name, Last Name and email address of the contact person of the administrative entity: *Chryssoula Bekiari, bekiari@ics.forth.gr*
- First name, Last Name and email address of the director of the administrative entity: *Konstantinos Fotakis, fotakis@iesl.forth.gr*
- Main supervisory bodies of the of the administrative entity: *MINISTRY OF CULTURE, EDUCATION AND RELIGIOUS AFFAIRS*

4. Description of the contribution:

Based on the file: “The types of in-kind contributions”

- The TheMaS (Thesaurus Management System) is a web application used for the development of multiple multilingual thesauri, supported by a controlled decision workflow which is implemented by the assignment of discrete roles to multiple and simultaneously working users. It provides a graphical interface for building and managing multidisciplinary and multilingual thesauri, with features that provide many services, including a wide range of management functions and different modes of presentations that conform to the appropriate standards developed for thesauri building.

The thesauri management services offered by the system cover a large number of functions ranging from maintenance and expansion (i.e. addition, modification and deletion of terms, hierarchies and facets, mass import / export of terms, creation of thesauri, saving and restoring backups etc.) to the integration of multiple presentation methods (alphabetical, systematic graphical, hierarchical presentation) and access (alternative forms of navigation, support of complex search criteria, scalability search etc.).

The system also supports different categories of users that are defined by the rights provided to them. The system provides functions for managing terms, hierarchies, facets, Thesauri, database and users.

- DARIAH “High-level principles” applicable to the contribution (mark with X)
 - SCIENCE AND TECHNOLOGY PRINCIPLES
 - X Enable digital arts and humanities research
 - X Integrate existing resources, research and services
 - _ Use innovations from the national DARIAH partners and scale them to a European level
 - _ Deliver methodological innovation and promote interdisciplinary research
 - _ Stay digitally-focused and analogue-aware
 - ORGANISATIONAL PRINCIPLES
 - X Operate under a sustainable business model within the larger scientific community in Europe
 - _ Be receptive to community needs
 - X Deliver easy-to-use services and resources
 - _ Delegate trust and share responsibilities
 - _ Display high quality services
 - COMMUNITY PRINCIPLES
 - X Governed and led by the arts and humanities research community
 - _ Become community-driven
 - _ Be inclusive
 - X Promote openness
 - X Enable transnational collaboration
 - X Promote standards and best practices

- Type(s) of in-kind contribution (mark with X)

_ Access	_ Event	_ Data
_ Expertise	_ Training	_ DARIAH Coordination
_ Interoperability	_ Summer School	_ Others
_ Content Hosting	_ Cooperation	
X Tools and Software	_ Educational Resources	

- Response to the specific requirements associated to the chosen type of contribution. See the file “The types of in-kind contributions”

<ul style="list-style-type: none"> • Requirements: a partner must
<ul style="list-style-type: none"> • Provide a description in English including: targeted public, objectives and content of the software and hosted services. <i>Librarians, Cataloguers, Museum Curators, Students, scholars, researchers, scientists etc</i>
<ul style="list-style-type: none"> • Software and/or services in open source are fostered. <i>It is provided under EUP licence</i>
<ul style="list-style-type: none"> • Provide documentation, instructions for users about the software and hosted services, which should ideally be in English or in English and any other relevant language(s). <i>It is provided a user manual and an installation guide in english</i>
<ul style="list-style-type: none"> • Provide information about the annual availability rate of the service. “TheMaS” is licensed under the EUPL, and it can be downloaded from Github by the end of June 2015
<ul style="list-style-type: none"> • If necessary, provide the present availability and specify the timetable and means used to improve availability.

<ul style="list-style-type: none"> • Use due diligence to ensure compliance with legal regulations and contracts including, when applicable, regulations governing the protection of human subjects. [DSA guideline 5]
<ul style="list-style-type: none"> • Provide sufficient information for others to assess the quality of the software, compliance with disciplinary and ethical norms and (alt)metrics about the use of the information. [DSA guideline 1]
<ul style="list-style-type: none"> • Provide the name of a contact person. <i>Elias Tzortzakakis, Christos Georgis</i>

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- Link to the contribution logo (if it exists)

5. Dariah information

- Discipline(s) associated with the contribution (mark with X)

X Archaeology and Prehistory	X History, Philosophy and Sociology of Sciences
X Architecture, space management	X Law
X Art and art history	X Linguistics
_ Biological anthropology	X Literature
X Classical studies	X Management
X Communication sciences	X Methods and statistics
X Cultural heritage and museology	X Musicology and performing arts
X Demography	X Philosophy
X Economies and finances	X Political science
X Education	X Psychology
X Environmental studies	X Religions
X Gender studies	X Social Anthropology and ethnology
X Geography	X Sociology
X History	

- TaDiRAH keywords (version 0.5) describing the contribution

<http://tadirah.dariah.eu/vocab/>

- TaDiRAH - Research Activities (mark with X)

X 1. Capture	X 4. Analysis	_ 7. Dissemination
X 2. Creation	X 5. Interpretation	_ 8. Meta-Activities
X 3. Enrichment	X 6. Storage	

- TaDiRAH - Research Objects (mark with X)

X Artifacts	_ Language	_ Research
X Bibliographic Listings	_ Link	_ Research Process
_ Code	_ Literature	_ Research Results
_ Computers	_ Manuscript	_ Sheet Music
_ Curricula	_ Map	X Software
_ Digital Humanities	X Metadata	_ Sound
X Data	_ Methods	X Standards
_ File	_ Multimedia	_ Text
_ Images	_ Multimodal	_ Text Bearing Objects
_ Images (3D)	X Named Entities	X Tools
_ Infrastructure	_ Persons	_ Video
_ Interaction	_ Projects	_ VREs

➤ TaDiRAH - Research Techniques (mark with X)

X Encoding

_ Gamification > Dissemination-Crowdsourcing

_ Georeferencing > Enrichment-Annotation

X Information Retrieval > Analysis-Content Analysis

_ Linked open data > Enrichment-Annotation; Dissemination-Publishing

_ Machine Learning > Analysis-Structural Analysis; Analysis-Stylistic Analysis;
Analysis-Content Analysis

_ Mapping

_ Migration > Storage-Preservation

_ Named Entity Recognition > Enrichment-Annotation; Analysis-Content Analysis

_ Open Archival Information Systems > Storage-Preservation

_ Pattern Recognition > Analysis-Relational Analysis

_ Photography

_ POS-Tagging > Analysis-Structural Analysis

_ Preservation Metadata > Storage-Preservation

_ Principal Component Analysis > Analysis-Stylistic Analysis

_ Replication > Storage-Preservation

_ Scanning

X Searching

_ Sentiment Analysis > Analysis-Content Analysis

_ Sequence Alignment > Analysis-Relational Analysis

_ Technology Preservation > Storage-Preservation

_ Topic Modeling > Analysis-Content Analysis

_ Versioning > Storage-Preservation

_ Web Crawling > Capture-Gathering

_ Bit Stream Preservation > Storage-Preservation

_ Brainstorming

X Browsing

_ Cluster Analysis > Analysis-Stylistic Analysis

_ Collocation Analysis > Analysis- Structural Analysis

_ Concordancing > Analysis-Structural Analysis

_ Debugging

_ Distance Measures > Analysis-Stylistic Analysis

_ Durable Persistent Media > Storage-Preservation

_ Emulation > Storage-Preservation

- Keywords describing the contribution (English), other than those already mentioned, terminology systems, thesaurus

6. People involved in the contribution

- *Dr. rer. nat. Martin, Doerr, Head of the Centre for Cultural Informatics, Information Systems Laboratory, Institute of Computer Science, FORTH*
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http://www.ics.forth.gr/isl/index_main.php?l=e&c=529,
Scientific responsible
- *Chryssoula Bekiari, M.Sc., co-ordinator of Centre for Cultural Informatics, Information Systems Laboratory, Institute of Computer Science, FORTH*
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Consultant

- *Christos Georgis, M. Sc., member of Centre of Cultural Informatics, Research and development engineer, Information Systems Laboratory, Institute of Computer Science, FORTH, Email: georgis@ics.forth.gr, URL: [URL: http://www.ics.forth.gr/isl](http://www.ics.forth.gr/isl), systems designer*
- *Elias Tzortzakakis, M.Sc., member of Centre of Cultural Informatics, Research and development engineer, Information Systems Laboratory, Institute of Computer Science, FORTH, Email: tzortzak@ics.forth.gr, URL: [URL: http://www.ics.forth.gr/isl](http://www.ics.forth.gr/isl)
Software engineer*
- *Dr. Phil. Maria Daskalaki, Philosophy of Science, member of Centre of Cultural Informatics, Research and development engineer, Information Systems Laboratory, Institute of Computer Science, FORTH, Email: daskalak@ics.forth.gr, URL: [URL: http://www.ics.forth.gr/isl](http://www.ics.forth.gr/isl)
Conceptual modelling, conceptual modelling, trainer*
- *Lida Charami, MA. archaeologist, member of Centre of Cultural Informatics, Research and development engineer, Information Systems Laboratory, Institute of Computer Science, FORTH, Email: lida@ics.forth.gr, URL: [URL: http://www.ics.forth.gr/isl](http://www.ics.forth.gr/isl), Conceptual modelling, trainer*

7. Value

Method 1

First Name Last Name	a	b	c	d = a × b × c
Martin Doerr	0,05	50400	1,25	3150
Chryssoula Bekiari	0,05	50400	1,25	3150
Christos Georgis	0,1	50400	1,25	6300
Elias Tzortzakakis	0,1	48000	1,25	6000
Maria Daskalaki	0,15	30000	1,25	5625
Lida Charami	0,15	30000	1,25	5625

Method 2

An institute calculates the DARIAH contribution on the basis of the number of visits to their platforms. This rate is calculated using the number of visits to pages on the platforms from DARIAH member countries excluding the national country (France in this case).

This is an indirect indicator that provides figures for the percentage of visits to the platform from the DARIAH European area. An increase in the number of visits has been observed and is attributable to the focus on internalisation activities and on resources and equipment that enhance international visibility.

The percentage of visits for December 2013 is 15.43%.

Austria	0.12%	Ireland	0.27%
Belgium	2.18%	Italy	0.84%

Croatia	0.01%	Luxembourg	0.11%
Cyprus	0%	Malta	0%
Denmark	0.21%	Netherlands	2.36%
Germany	8.99%	Serbia	0.13%
Greece	0.09%	Slovenia	0.06%
		Total	15.43%

The percentage is applied to the provisional budget for 2014 for the platform's production costs (excluding R&D).

Provisional budget 2014 (excl. R&D) in euro's	Percentage	Total
2,491,166	15.43	384,386