

scholarly primitives revisited

towards a practical taxonomy of digital
humanities research activities and objects

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TaDiRAH

Taxonomy of Digital Research Activities in the Humanities DiRT + DARIAH

Google



Neopet

Tadirah has a Petpet!

Slimer the Slorg
(1750 days and 9 hours old)

<http://www.neopets.com/~Tadirah>

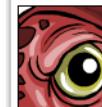
Tadirah the Blue Scorchio ♀

Owner: Dinita ([toosweetnurse](#))

Tadirah likes exploring the land.
When meeting others, Tadirah would smile sweetly.

- Attributes -

Age: 1,753 days old (42,088 hours)
Birthday: 19th September (Y11)
Level: 1
Gender: Male
Height: 32 cms.
Weight: 69 lbs.



Fishing Skill: 0



Jobs Completed: 0
Jobs Failed: 0
Job Rank: Intern

- Battledome Stats -

Hit Points: 13 / 30
Strength: quite strong
Defence: below average
Movement: GREAT (22)
Intelligence: clever

Played: 0
Won: 0
Lost: 0
Drawn: 0
Score: 0



Challenge Tadirah
in the **BATTLEDOME**!



Tadirah's rating:

5 stars

neomail
owner
visit pets
web page

background: aims

- pragmatic rather than theoretical
- facilitating discovery in directories
- balancing “correctness” with common practice



<https://www.flickr.com/photos/quinnanya/13479577605>

background: DiRT & Dariah-DE

- Dariah-DE: developing a taxonomy to classify items in “Doing Digital Humanities” Zotero bibliography
- DiRT: rethinking longstanding ad-hoc categories



SOURCES: DARIAH-DE TAXONOMY

Capture and Creation

- .. Scanning
- .. Data recognition
- .. Writing
- .. Programming
- .. etc

Enrichment

- .. Encoding
- .. Annotating
- .. Modeling
- .. etc

Analysis

- .. Stylometry
- .. Visualizing
- .. etc

Interpretation

- .. Contextualizing
- .. Modeling
- .. etc

Dissemination and Storage

- .. Publishing
- .. Identifying
- .. Managing access
- .. etc

Collaboration

- .. Communicating
- .. Commenting
- .. etc

Digital Humanities Generally

SOURCES: DiRT categories

- | | | |
|----------------------------------|--------------------------------------|-----------------------|
| Annotation (83) | Data conversion (47) | Staying current (10) |
| Authoring interactive works (38) | Data storage (24) | Task management (20) |
| Bibliographic management (30) | Image collections (22) | Text collections (34) |
| Bookmarking (16) | Image editing (35) | Text mining (67) |
| Brainstorming (22) | Linguistic research (36) | Tool development (29) |
| Collaborative editing (51) | Mapping (47) | Transcription (33) |
| Communication (27) | Organization (41) | Video (27) |
| Course management (12) | Publishing (63) | Visual search (30) |
| Data analysis (108) | Scholarly and social networking (43) | Visualization (95) |
| Data collection (63) | Search (29) | Web development (59) |
| | Standards (3) | Writing (33) |

sources: arts-humanities.net

Communication and collaboration

.. Audio interaction (asynchronous)

.. Audio-visual interaction (synchronous)

.. Graphical interaction (asynchronous)

.. Resource sharing

.. etc

Data analysis

.. Collation

.. Collocating

.. Content-based image retrieval

.. etc

Data capture

.. 2d scanning and photography

.. Remote sensing

.. etc

Data publishing and dissemination

.. Collaborative publishing

.. Disk publishing

.. etc

Data structuring and enhancement

.. 2d modelling - raster

.. Lemmatisation

.. etc

Practice-led research

.. Audio mixing

.. Photomontage

.. etc

Strategy and project management

.. Human factors analysis

.. Preservation

.. etc

structure and approach

structure

- goals (short, closed list)
- methods (longer, closed list)
- research objects (open list)
- techniques as separate open list

example: journal article

- "Optical Music Recognition of Early Typographic Prints using Hidden Markov Model
Capture (goal)
DataRecognition (method)
Hidden-Markov-Models (technique)
SheetMusic (object)

community feedback

- workshops (Den Haag, DANS; Dublin, Trinity College)
- regular Skype calls
- **feedback-Phase I**
- revision
- **feedback-Phase II**
- release of v 0.5 via GitHub
(February 2014)

The screenshot shows a GitHub repository titled "Draft for Review: Economy of DH Research Activities and Objects". The repository has 13 branches and 12 commits. The README file contains an introduction to the project, mentioning its goal of creating a framework for understanding the economy of DH research activities and objects. It also includes a note about the repository being used at the DKE University, focusing mainly on a subset related to the economy of DH research activities.

Introduction: This document has been developed by members of the DKE research group "Economy of DH Research Activities and Objects" and is based on our own observations and experiences. The document is intended to be a living document, and we are constantly updating it to reflect new developments and changes in the field. We hope that it will be useful for researchers and practitioners who are interested in the economy of DH research activities and objects.

Your Feedback is Needed: We are currently looking for feedback involving summaries, reflections, questions, and suggestions. Please feel free to contribute to the discussion or contact us directly if you have any comments or concerns.

Contributors:

- Lukas Reiter ([@lukasreiter](#))
- Stephan Hartmann ([@stephanhartmann](#))
- Lukas Reiter ([@lukasreiter](#))
- Lukas Reiter ([@lukasreiter](#))

Overview:

- [README](#)
- [Branches](#)
- [Commits](#)
- [Issues](#)
- [Pull requests](#)
- [Releases](#)
- [Topics](#)
- [Wiki](#)
- [Actions](#)
- [Pulse](#)
- [Graphs](#)
- [Insights](#)
- [Profile](#)
- [Settings](#)
- [Help](#)
- [About](#)

Comments: Lukas Reiter has contributed a comment on the pull request "Initial commit" (pull request #1). Lukas Reiter has also contributed a comment on the pull request "Initial commit" (pull request #1).

Pull requests: Lukas Reiter has submitted a pull request titled "Initial commit" (pull request #1) to the master branch. Lukas Reiter has also submitted a pull request titled "Initial commit" (pull request #1) to the master branch.

Issues: Lukas Reiter has submitted an issue titled "Initial commit" (issue #1) to the master branch. Lukas Reiter has also submitted an issue titled "Initial commit" (issue #1) to the master branch.

Releases: Lukas Reiter has released a new version of the repository titled "v0.1" (version 0.1).

Wiki: Lukas Reiter has updated the wiki page "Economy of DH Research Activities and Objects" (page 1).

Graphs: Lukas Reiter has generated a graph titled "Economy of DH Research Activities and Objects" (graph 1).

Insights: Lukas Reiter has generated an insight titled "Economy of DH Research Activities and Objects" (insight 1).

Profile: Lukas Reiter has updated their profile information.

Settings: Lukas Reiter has updated their settings.

About: Lukas Reiter has updated their about information.

community feedback

- over 100 comments in the open document(s)
- feedback via several e-mails
- e-mails of people eager to try it / use it
- terms; definitions; scope; missing items; unnecessary items, ...



Clifford Wulfman

2:40 AM Sep 13, 2013

Transformation is a particular method of capture. What about "expressing existing artifacts in a digital representation"?



Joel Kalvesmaki

5:36 PM Sep 17, 2013

or "...the activity of creating digital surrogates of existing cultural artefacts...."



Joel Kalvesmaki

5:46 PM Sep 17, 2013

This covers visual media. What about audio? Are there any digital developments serving the other three senses that need to be anticipated?



Anonymous

6:33 PM Sep 17, 2013

better: Digitization



Christof Schöch

1:46 PM Oct 4, 2013

C&P: Scanning could be a subclass of CaptureGenerally

application

our own use cases:

- DiRT (Digital Research Tools) directory: <http://dirtdirectory.org/>
- Doing Digital Humanities – a DARIAH Bibliography: <https://www.zotero.org/groups/113737/>
- DARIAH Teaching Resources Registry: <https://de.dariah.eu/schulungsmaterial-sammlung>
- DHCommons project directory: <http://dhcommons.org/>
- (DARIAH-DE Website <https://portal-de.dariah.eu/>)

application

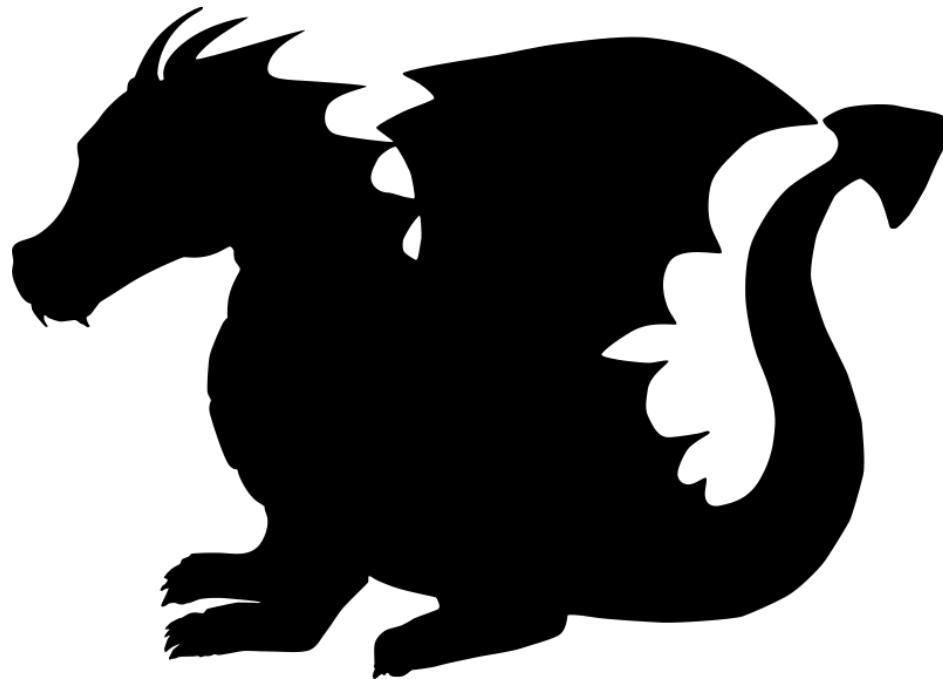
further requests:

- classification of in-kind contributions within DARIAH-EU
- DH Course Registry hosted by CLARIAH
<http://dhcoursereg.hki.uni-koeln.de/>
- *Zeitschrift für Digital Humanities*
<http://www.zfdh.de/>
- DHd-Blog <http://dhd-blog.org/>
- (...)

future directions

- machine readable version (SKOS) using DARIAH infrastructure
- encourage usage
- periodic revisions
- multilingual versions (German / Spanish / French / ...)
- cooperation with NeDiMAH and DARIAH-EU
 - expression of work in digital arts and humanities
 - academic credibility
 - visibility

thanks for your attention!



<https://github.com/dhtaxonomy/TaDiRAH>