

# Vocabs Editor and vocabulary management at OEAW ACDH-CH

ISKO UK Meetup 2023/03/08  
Peter Andorfer and Klaus Illmayer (OEAW ACDH-CH)

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A recording of the presentation is available on the ISKO UK Website: <https://www.iskouk.org/event-5175601>

# Presenters

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Vocabs Editor

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Management of  
vocabularies and  
maintenance of  
Skosmos instances

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# About OEAW ACDH-CH

Research institution  
located in Austria, Vienna

Digital research projects in  
the Humanities

Setting up infrastructure,  
consulting researchers,  
long-term preservation of  
research data, developing  
and researching new  
approaches for applying  
digital research methods,  
embedded in EU projects  
and infrastructures  
(DARIAH, CLARIN), ...

<https://oeaw.ac.at/acdh>

The screenshot displays the OEAW ACDH-CH website. At the top, the logo for the Austrian Academy of Sciences (ÖAW) and the Austrian Centre for Digital Humanities and Cultural Heritage (ACDH-CH) is visible. The navigation bar includes links for ABOUT, RESEARCH UNITS, TEAM, PROJECTS, TOOLS, PUBLICATIONS, EVENTS, EDUCATION, and WHAT WE OFFER, along with a search icon. The main banner features the text "ACDH-CH TOOL GALLERY 9.1" in large, bold letters, with "XSLT FÜR DIGITAL HUMANISTS" and "12 APRIL 2023. (10.30-15.30)" below it. To the right, a teal sidebar contains a paragraph about the center's mission and a "READ MORE" link. Below the banner, there are sections for "NEWS" and "SOCIAL MEDIA". The "NEWS" section shows a snippet of an article about the center's activities. The "SOCIAL MEDIA" section includes a tweet in German and English about the center's shared heritage.

ÖAW AUSTRIAN ACADEMY OF SCIENCES  
AUSTRIAN CENTRE FOR DIGITAL HUMANITIES AND CULTURAL HERITAGE

ABOUT RESEARCH UNITS TEAM PROJECTS TOOLS PUBLICATIONS EVENTS EDUCATION WHAT WE OFFER

ACDH-CH  
TOOL GALLERY 9.1  
XSLT FÜR DIGITAL HUMANISTS  
12 APRIL 2023. (10.30-15.30)

TOOL GALLERY 9.1  
XSLT für Digital Humanists, 12. April 2023, 10.30-15.30

NEWS

SOCIAL MEDIA

Deutsch und Englisch sind verwandt.  
Viele Wörter haben daher eine  
gemeinsame Herkunft, wie z. B. das englische

## Advising to use **authority files, controlled vocabularies, ontologies**

```

</event>
<event key="14147" when-iso="1904-10-06">
  <desc n="1370">teilgenommen an</desc>
  <label>Gastspiel Eleonora Duse in Kameliendame, 6.10.1904</label>
  <idno type="URL" subtype="pmb">https://pmb.acdh.oew.ac.at/entity/14147/</idno>
</event>
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  <desc n="1370">teilgenommen an</desc>
  <label>Aufführung Die Morgenröthe, 18.11.1904</label>
  <idno type="URL" subtype="pmb">https://pmb.acdh.oew.ac.at/entity/41587/</idno>
</event>
<event key="41674" when-iso="1892-10-02">
  <desc n="1370">teilgenommen an</desc>
  <label>Aufführung von Gefallene Engel, 2.10.1892</label>
  <idno type="URL" subtype="pmb">https://pmb.acdh.oew.ac.at/entity/41674/</idno>
</event>
<event key="41938" when-iso="1894-01-05">
  <desc n="1370">teilgenommen an</desc>
  <label>Uraufführung Das Bild des Signorelli, 5.1.1894</label>
  <idno type="URL" subtype="pmb">https://pmb.acdh.oew.ac.at/entity/41938/</idno>
</event>
<event key="42019" when-iso="1896-09-19">
  <desc n="1370">teilgenommen an</desc>

```

# Relevance of vocabulary management at ACDH-CH

Providing an **infrastructure** to represent and re-use vocabularies of research projects

**Persistent identifiers** for vocabularies and concepts

Nudging researchers to work with **structured (linked) data** and formalized input (controlled vocabularies)

**Project consultation** in early phase > supporting creation of **data management plans** (DMP)

Implementing **FAIR data principles** in **digital workflows** of research projects, see especially “I2: (Meta)data use vocabularies that follow the FAIR principles”, <https://www.go-fair.org/fair-principles/>

Supporting a sustainable **research data life cycle**

Working towards **connection of knowledge graphs** to facilitate and extend digital research methods

**Documentation** of research project outputs

**Long-term preservation** of research data

# Vocabulary services - current situation: overview

Running  
Skosmos  
(<http://skosmos.org>) + Apache  
Jena Fuseki for  
representation  
of vocabularies

vocabs.acdh.oeaw.ac.at

vocabs.dariah.eu

vocabs.sshopencloud.eu  
vocabs-common

Skosmos  
instances at  
OEAW  
ACDH-CH

public

vocabs.acdh.oeaw.ac.at  
stage

vocabs.acdh.oeaw.ac.at  
develop

restricted

# Usage of vocabularies

Currently 23 vocabularies on [vocabs.acdh.oeaw.ac.at](http://vocabs.acdh.oeaw.ac.at) and 15 vocabularies on [vocabs.sshopencloud.eu](http://vocabs.sshopencloud.eu) - divided into:

- **common used vocabularies** in the SSH (Social Sciences and Humanities) domain
- **project specific vocabularies**

Mostly, re-using common vocabularies and documenting research results - unfortunately not so often direct integration into projects

[vocabs.sshopencloud.eu](http://vocabs.sshopencloud.eu) (SSH Vocab Commons) created in scope of EU Horizon 2020 funded project “SSHOC: Social Sciences and Humanities Open Cloud” (most of them are integrated in the created services, especially SSH Open Marketplace:

<https://marketplace.sshopencloud.eu>) > planning to extend it for the SSH domain

# Showcase vocabs.acdh.oew.ac.at



Vocabularies About Editor SPARQL API

Help | Interface language: English ▾

## Vocabs services

In many areas of scholarly work, controlled vocabularies (gazetteers, thesauri, etc.) play a crucial role as a stable reference for resources and for ensuring interoperability between disparate projects and their data. The ACDH provides a suite of Vocabs services that allow for collaborative creation, maintenance and publication of vocabularies and taxonomies of any kind.

from all ▾ English ▾

### Skosmos Vocabulary Categories

#### GENERAL CONCEPTS

[ISO 639-1 Language Codes](#)  
[ISO 639-3 Language Codes](#)  
[ÖFOS 2012. Austrian Fields of Science and Technology Classification 2012](#)

#### META THESAURUS

[Backbone Thesaurus](#)  
[TaDIRAH: Taxonomy of Digital Research Activities in the Humanities](#)

#### BACKBONE THESAURUS

[Backbone Thesaurus](#)  
[DYAS Humanities Thesaurus](#)  
[GEMET](#)  
[iDAI.world Thesaurus](#)  
[PARTHENOS Vocabularies](#)

#### HUMANITIES


[DHA Taxonomy](#)  
[DYAS Humanities Thesaurus](#)  
[PARTHENOS Vocabularies](#)  
[TaDIRAH: Taxonomy of Digital Research Activities in the Humanities](#)

#### ART HISTORY

[Iconclass](#)



# Showcase vocabs.sshopencloud.eu

 [Vocabularies](#) [About](#) [Editor](#) [SPARQL](#) [API](#) [Help](#) | Interface language: [English](#) ×

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## Skosmos Vocabulary Categories

SSH OPEN MARKETPLACE	<a href="#">BIBO Publication Type</a> <a href="#">EOSC Resource Category, Subcategory (and Supercategory)</a> <a href="#">EOSC Resource Geographical Availability</a> <a href="#">EOSC Resource Life Cycle Status</a> <a href="#">EOSC Resource Technology Readiness Level</a> <a href="#">IANA Media Types</a> <a href="#">Intended audience</a> <a href="#">Invocation type</a> <a href="#">SPDX Software License</a> <a href="#">SSH Open Marketplace Keyword</a> <a href="#">SSK Standard</a>
SSH CONVERSION HUB	<a href="#">IANA Media Types</a> <a href="#">Invocation type</a> <a href="#">SPDX Software License</a>
SSH TRAINING DISCOVERY TOOLKIT	<a href="#">Formats of training resources</a> <a href="#">Intended audience</a> <a href="#">SPDX Software License</a> <a href="#">Status of training resources</a>
SSHOC	<a href="#">SSHOC Multilingual Data Stewardship Terminology</a> <a href="#">SSHOC Multilingual Metadata</a>

## CONTACT



ACDH-CH  
Austrian Centre for Digital Humanities  
and Cultural Heritage  
Austrian Academy of Sciences

## HELPDESK

ACDH-CH runs a helpdesk offering advice for questions related to various digital humanities topics.

# Use case: DHA - digital-humanities.at

Using vocabulary  
for tagging of  
content (Drupal  
CMS in the  
background)

Vocabulary that  
collects concepts  
of domain digital  
humanities

Closed  
vocabulary,  
manually syncing

ACDH-CH - AUSTRIAN CENTRE FOR DIGITAL HUMANITIES AND CULTURAL HERITAGE

# OpenAtlas

CIDOC CRM (5) python (3) open source (5) archaeology (10) bioarchaeology (2) digital humanities (10)  
history (10) GIS (8) prosopography (1)

OpenAtlas

OpenAtlas is an open source database software developed especially to acquire, edit and manage research data from various fields of humanities like history, archaeology, and prosopography as well as related scientific data (e.g. radiocarbon dating, stable isotopes, and anthropological information). It provides a user interface that can be accessed via any common web-browser and allows the respective researchers to work with their data via customized forms and categories to record complex relations as simple as possible.

The software automatically maps the information to the international standard of the CIDOC CRM and takes care of today's requirements regarding data standards, data management and aims for FAIR principles against the background of current standards in Digital Humanities.

**Details**

Organization: ACDH-CH - AUSTRIAN CENTRE FOR DIGITAL HUMANITIES AND CULTURAL HERITAGE

Organization: NATURHISTORISCHES MUSEUM WIEN

Organization: OAI - AUSTRIAN ARCHAEOLOGICAL INSTITUTE

Responsible: Stefan Eichert

Responsible: Alexander Watzinger

**Downloads / Links**

[OpenAtlas project website](#)

[OpenAtlas Demo](#)

[OpenAtlas code on GitHub](#)

# Use case: ARCHE (arche.acdh.oeaw.ac.at)

Controlled vocabularies for  
some of the metadata =>  
service specific vocabularies

Not only for representing  
information but also to direct  
actions like dissemination  
(format, access)

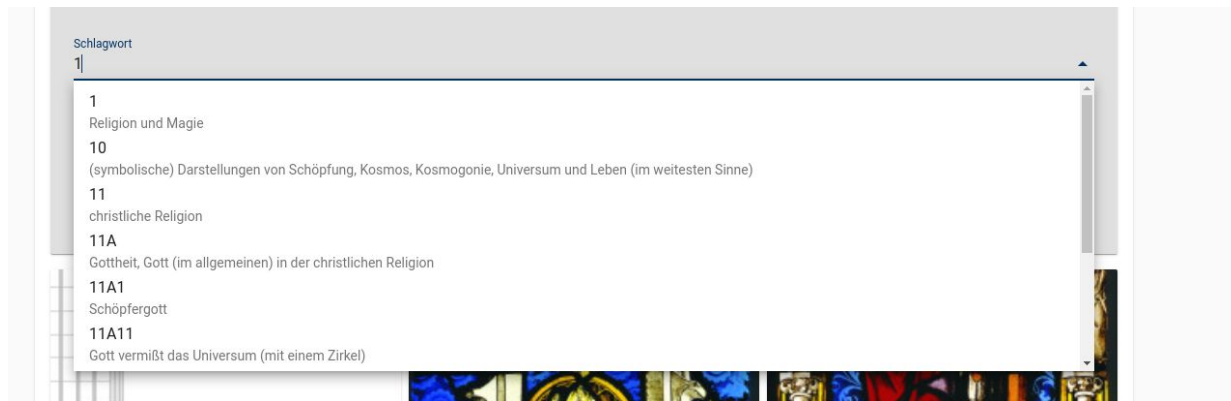
Syncing with help of download  
dump API call of Skosmos

The screenshot displays the ARCHE web interface. At the top, the ARCHE logo is on the left, and navigation links for 'Discover Resources', 'Deposit Resources', and 'About our Service' are in the center. On the right, there are links for 'EN DE' and 'Login'. Below the header, a teal bar contains 'Home/Discover Resources/Detailed View' and a 'List Root Collections' button. The main content area is divided into two columns. The left column, titled 'Refine your search using filters:', includes a search input field, a 'Search in payload?' checkbox (unchecked), and a 'Type of Entity' section with a list of filters: Collection (7518), DisseminationService (16), DisseminationServiceMatchRule (28), DisseminationServiceParameter (11), Metadata (46), Organisation (2225), Person (17329), Place (2434), Project (14), Publication (115), Resource (320682), and TopCollection (35). The right column shows the details for the resource 'Die Korrespondenz Hermann Bahr – Arthur Schnitzler / Briefe /'. It includes an 'Overview' section with a 'Copy Resource Link' and 'Switch to Expert-View' options. The resource is identified as 'Adele Sandrock an Arthur Schnitzler, [16. 1. 1895]' with a type of 'acdh:Resource'. Metadata fields include PID, Contact(s), Creator(s), Contributor(s), Available Date, Binary Size, Category, Licensor, License, Owner, Access Restriction, and Identifier(s). At the bottom, a 'Dissemination Services' section offers various access options: BibLaTeX service, Thumbnail service, Download, CMDI2HTML access, RAW CMDI access, RDF access, GUI access, and Add to CLARIN Virtual Collection.

# Use case: Corpus Vitrearum

Autocomplete uses  
Skosmos API

Common  
vocabulary  
(Iconclass) to  
classify  
representations on  
glass painting



# Use case: SSH Open Marketplace

Autocomplete of fields based on different vocabularies

Mix of common and project specific vocabularies

Dump is uploaded into database, no direct connection to Skosmos

Properties	
Property type	Concept <span>X Delete</span>
Geographical Availability	Europe
Locations where the Resource is offered. See <a href="#">EOSC Geographical Availability List</a> .	
Property type	Concept <span>X Delete</span>
Intended audience	
<a href="#">+ Add Property</a>	
Media	
<a href="#">+ Add Media</a>	
Thumbnail	
<a href="#">+ Add Thumbnail</a>	
Related items	
<a href="#">+ Add Related item</a>	
Citizen scientist <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/citizenScientist">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/citizenScientist</a>	
Private sector and industry <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/privateSectorAndIndustry">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/privateSectorAndIndustry</a>	
Repository <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/repository">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/repository</a>	
Research funder and policy maker <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researchFunderAndPolicyMaker">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researchFunderAndPolicyMaker</a>	
Research library <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researchLibrary">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researchLibrary</a>	
Research support <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researchSupport">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researchSupport</a>	
Data creator <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/dataCreator">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/dataCreator</a>	
Data provider <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/dataProvider">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/dataProvider</a>	
Data steward <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/dataSteward">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/dataSteward</a>	
Public <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/public">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/public</a>	
Researcher <a href="https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researcher">https://vocabs.sshopencloud.eu/vocabularies/sshoc-audience/researcher</a>	

# Use case: TaDiRAH

Hosting a  
vocabulary that  
is used in the  
DH community

Integrating  
vocabulary in  
research  
projects

Connector  
between projects

Vocabs

TaDiRAH: Taxonomy of Digital Research Activities

Alphabetical Hierarchy

- Analysing
  - Content Analysis
  - Network Analysis
    - Identifying
      - Named Entity Recognition
    - Relational Analysis
    - Spatial Analysis
    - Structural Analysis
    - Stylistic Analysis
    - Visual Analysis
- Capturing
- Creating
  - Designing
  - Programming
  - Translating
  - Web Development
- Writing
- Disseminating
- Enriching
  - Annotating
  - Data Cleansing
  - Editing
  - Interpreting
  - Storing
    - Archiving
    - Identifying
    - Organizing
    - Preserving

Analysing > Network Analysis

PREFERRED TERM

TYPE

BROADER CONCEPT

NARROWER CONCEPTS

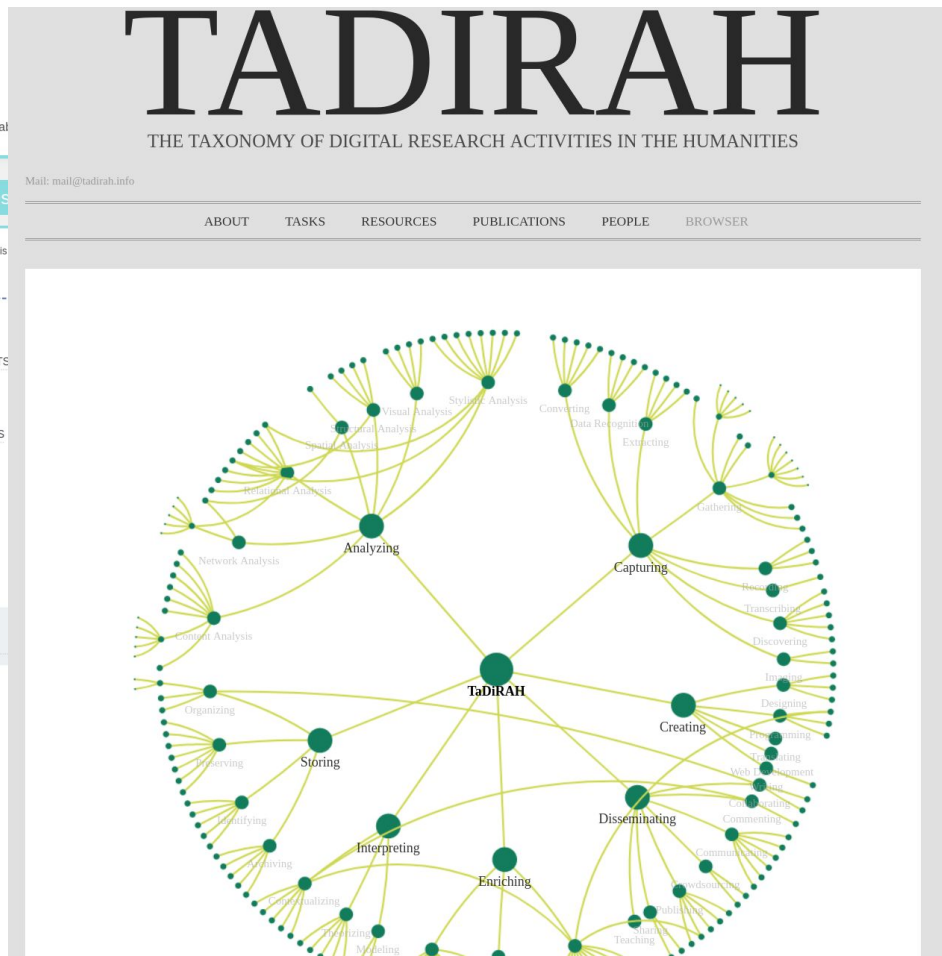
NOTE

IN OTHER LANGUAGES

URI

DOWNLOAD THIS CONCEPT:

CLOSELY MATCHING CONCEPTS

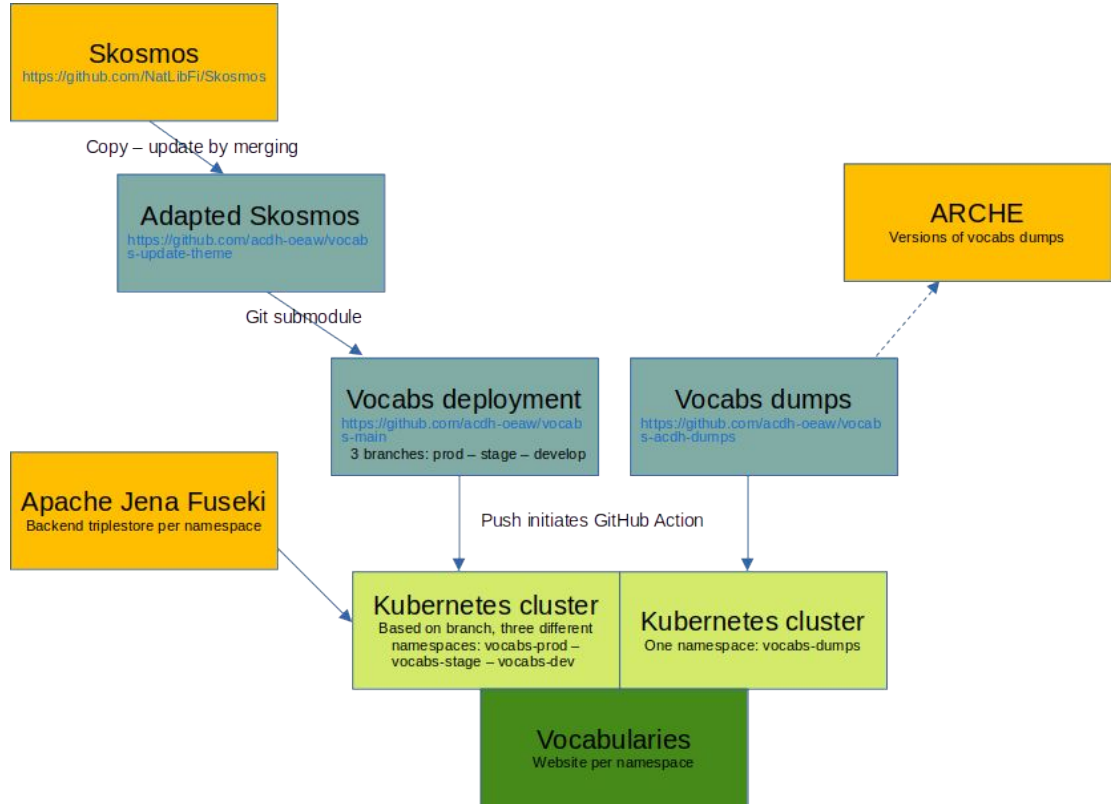


# Deployment of Skosmos - current setup

Using GitHub actions

Updates of Skosmos code, theme adaption, configuration, dumps based on Docker and deployment on institutional Kubernetes cluster

(Archiving old versions in repository ARCHE - in preparation)



# Challenges

- **Manual steps** still needed > implementation of automatic workflow for deployment
- **Integration** into project environments > different software stacks
- **Quality** checks
- Getting rich and useful **definitions**
- **Flexible re-use** of vocabularies, e.g. subsets
- Aligning project needs/expectations with institutional/domain **recommendations**
- **Technical and conceptual limits** of SKOS, but also difficulties to fully implement it
- Development of vocabulary **on the fly**
- **Entangling** of vocabularies with data models/interface design/UX/input fields/research methods and practice
- Long-term **preservation** and **versioning** of vocabularies
- Creation of vocabularies especially in a **collaborative** way

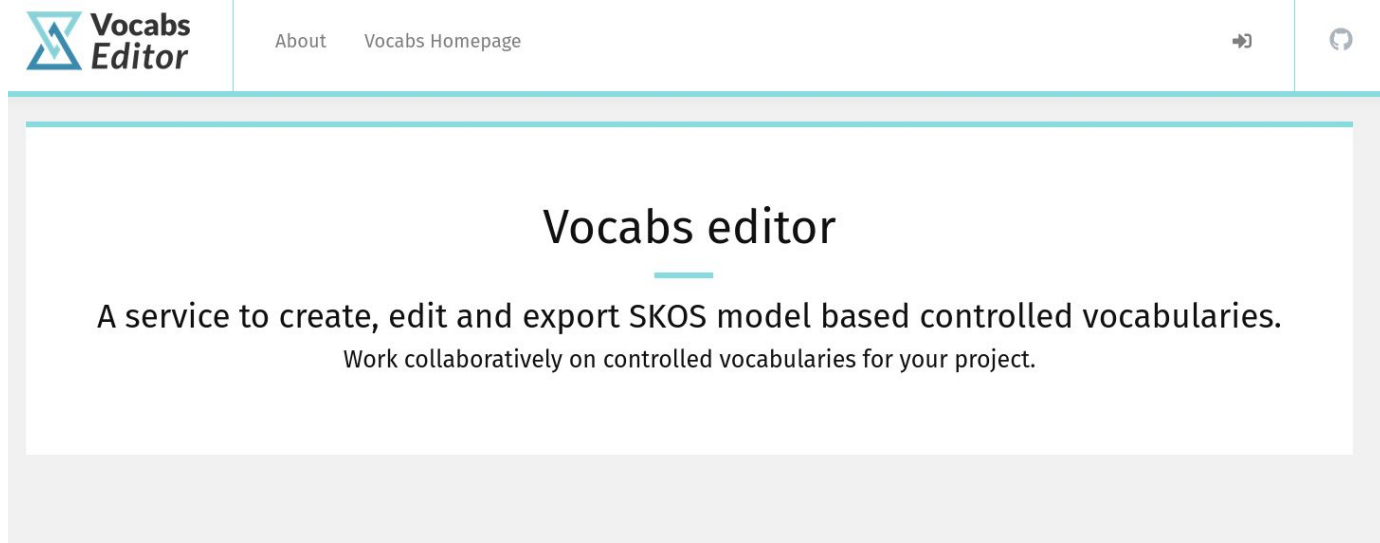


# Editing vocabularies

Vocabs Editor as  
a tool to handle  
some of the  
challenges

In-house  
development

No direct  
connection to  
Skosmos



# Vocabs Editor history

Development started in **2018** by former ACDH-CH team member **Ksenia Zaytseva**

In the meantime taken over by ACDH-CH team member **Peter Andorfer**

One of the results of an internal institutional working group on setting up “reference resources and controlled vocabularies” => **survey** of possible to use vocabulary management tools/systems, **testing** of these tools, thinking about workflows to **seamless integrate** them into research project practices

We tried out tools like VocBench, THEMAS, OpenSKOS, TemaTres, iQvoc, etc.

Editing environments weren't convincing > starting point of developing an **internal** ACHD-CH Vocabs Editor and publishing it **open source**

# Vocabs Editor aim and focus

**Codebase:** Python + Django + Postgres + dockerized => allow local installation

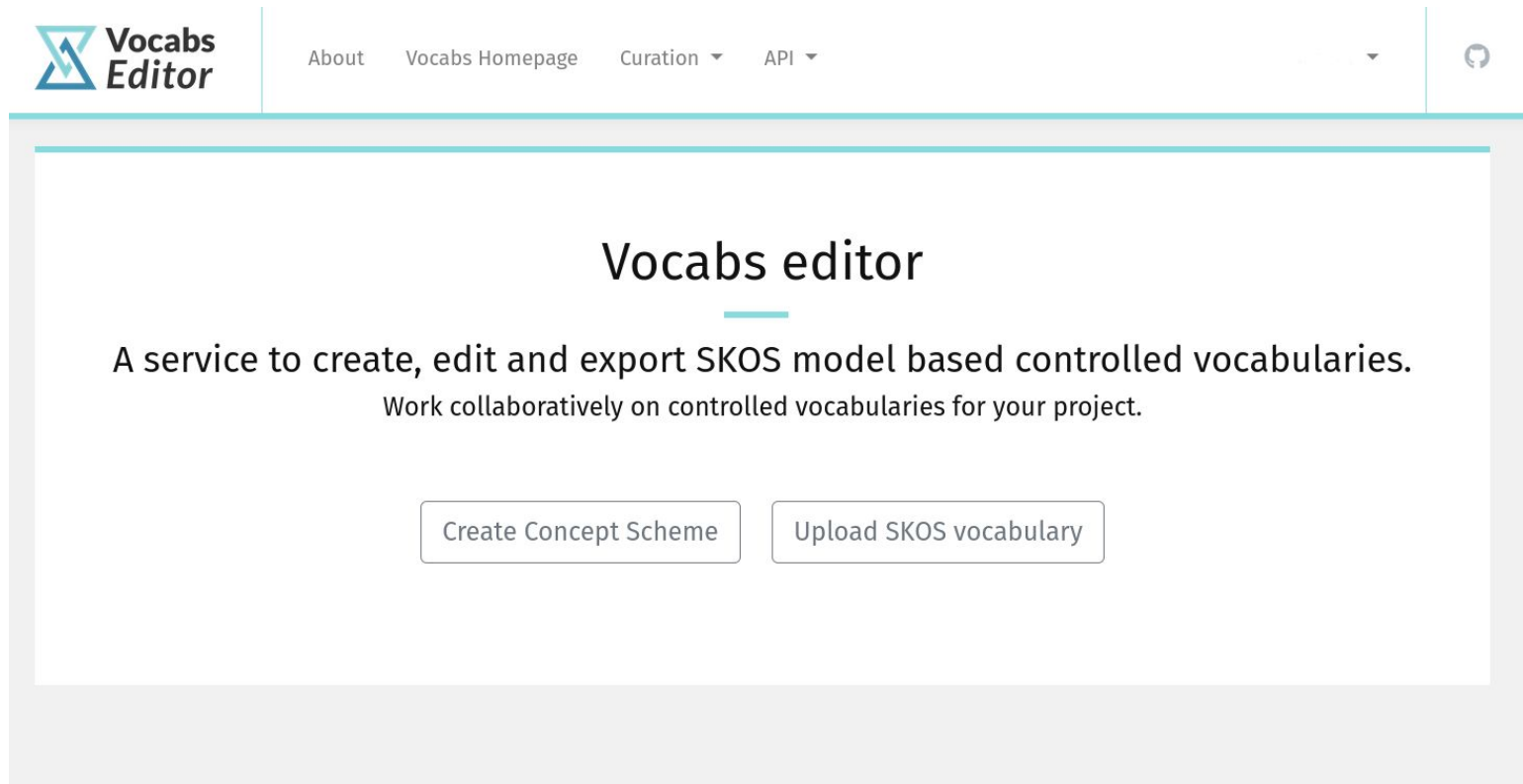
Open source, on GitHub: <https://github.com/acdh-oeaw/vocabeditor> - using **GitHub Issues** for bug reports, extensions

**Integration** into ACDH-CH ecosystem

Giving **research projects** an **easy** way to **create and maintain** vocabularies

Keep it **simple** approach, therefore not focusing on the full extent of SKOS possibilities: covers ~90% of vocabularies created at ACDH-CH: often flat hierarchy and loose collection of concepts (e.g. integration as autocomplete fields)


# Showcase: vocabeditor.acdh.oeaw.ac.at



# Showcase: Vocabs Editor

Searching  
for existing  
concept  
schemes

Editing or  
creating  
concept  
schemes

[About](#) [Vocabs Homepage](#) [Curation](#) [API](#)

## Browse Concept Scheme

Create new Concept Scheme

Select additional columns

Nothing selected

dc:title

Title for new concept scheme

dc:creator

Search

Reset search

Total results: 35

Download

ID	Dc:title
2	Data Source Type
3	HASSET_TEST
153	No title in specified language
209	Dokumenttypen legalkraus
240	Textgenetisches Glossar
323	ISO 639-1 Language Codes
355	Backbone Thesaurus
366	Iron-Age-Danube thesaurus
368	VICAV Taxonomy of Arabic Dialects

# Showcase: Vocabs Editor



Browsing  
hierarchy of  
vocabulary

Editing or  
creating  
concepts  
and  
collections

Exporting in  
TTL or  
RDF/XML

DHA Taxonomy Add Concept Add Collection

- 3D
- annotation
- archaeology
- architecture
- art studies
- audio recording
- biographical data
- communication studies
- copyright and licensing
- crowdsourcing
- cultural heritage
- cultural studies
- data management
  - research data management
- demography
- digital edition
- digital preservation
- digitisation
- economics
- editor
  - xml-editor
- education
- e-learning
- gender studies
- geodata
- geography
- GIS
- GLAM
- history studies
- image
- language resource
  - corpus
  - historical language
  - historical text
  - lexical resource
  - treebank
- law
- lexicography
- linguistics
  - corpus linguistics
  - morphology
- ..
- ..

skos:ConceptScheme DHA Taxonomy  

dc:title @en	DHA Taxonomy
identifier	https://vocabs.acdh.oeaw.ac.at/dhataxonomy/dhaTaxonomyScheme
dc:creator	• ACDH-OEAW Team
dc:contributor	• DHA consortium
dc:description @en	DHA taxonomy is a knowledge organization system designed to describe subjects, resources and tools wit
dc:language	• English
dc:subject	• Computational methods in humanities • Cultural analytics • Text technologies
dc:publisher	ACDH-OEAW
dct:license	https://creativecommons.org/licenses/by/4.0/
collections (6)	• <a href="#">Formats, Protocols, Standards</a> • <a href="#">Topics</a> • <a href="#">Disciplines</a> • <a href="#">Tools and Services</a> • <a href="#">Resources</a> • <a href="#">Type</a>
number of concepts	114
dct:created	Dec. 20, 2022, 11:32 a.m.
dct:modified	Dec. 20, 2022, 11:32 a.m.
created by	killmayer
download	• <a href="#">RDF/XML</a> • <a href="#">Turtle</a>
export async	• <a href="#">RDF/XML</a> • <a href="#">Turtle</a>

# Showcase: Vocabs Editor

Predefined  
set of  
editable  
fields

Extensions  
based on  
needs


### Create/Edit SkosConcept

**skos:prefLabel\***   
Preferred label for concept

**skos:prefLabel language**   
Language of preferred label given above

**Add other labels**


**label**   
Other label for this concept


**label type**    
Choose label type


**language**   
Language of label given above

[remove](#)

[add another](#)


**skos:inScheme\***    
Concept scheme to which this concept belongs

**member of skos:Collection**    
Collection that this concept is a member of

**skos:broader**    
Concept with a broader meaning that this concept inherits from

**Add documentary note**

**documentary note**  
Provide some information about this concept

**note type**    
Choose a note type

**legacy id**

**Add source information**


**dc:source**  
Verbal description of the concept's source


**language**   
Language of source given above


[remove](#)


[add another](#)


**Add semantic relationships**


**endpoint**    
Select a service to create links to external resources  
You can also type a matching concept URI in the fields below if it is not provided by current endpoints  
In that case please note that an external concept's URI should follow the format 'http://example.org/...'


**skos:related**    
Type at least 3 characters to get autocomplete suggestions ...  
An associative relationship between two concepts

**skos:broadMatch**    
Type at least 3 characters to get autocomplete suggestions ...  
External concept with a broader meaning

**skos:narrowMatch**    
Type at least 3 characters to get autocomplete suggestions ...  
External concept with a narrower meaning

**skos:exactMatch**    
Type at least 3 characters to get autocomplete suggestions ...  
External concept that can be used interchangeably and has the exact same meaning

**skos:relatedMatch**    
Type at least 3 characters to get autocomplete suggestions ...  
External concept that has an associative relationship with this concept

**skos:closeMatch**    
Type at least 3 characters to get autocomplete suggestions ...  
External concept that has a similar meaning

**Quality check**

☐ **needs review**  
Check if this concept needs to be reviewed

# Showcase: Vocabs Editor

REST API  
to browse  
and edit the  
items

Vocabs <sup>v1</sup>

[ Base URL: [vocabseditor.acdh.oeaw.ac.at/api/](https://vocabseditor.acdh.oeaw.ac.at/api/) ]  
<https://vocabseditor.acdh.oeaw.ac.at/api/schema/?format=openapi>

Schemes

HTTPS

Filter by tag

## skoscollections

GET /skoscollections/

POST /skoscollections/

GET /skoscollections/{id}/

PUT /skoscollections/{id}/

PATCH /skoscollections/{id}/

DELETE /skoscollections/{id}/

## skosconcepts

Django REST framework

Api Root

## Api Root

OPTIONS

GET

The default basic root view for DefaultRouter

GET /api/

HTTP 200 OK

Allow: GET, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
{
  "skosconceptschemes": "https://vocabseditor.acdh.oeaw.ac.at/api/skosconceptschemes/",
  "skoscollections": "https://vocabseditor.acdh.oeaw.ac.at/api/skoscollections/",
  "skosconcepts": "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/"
}
```

```
    "coverage": "",
    "legacy_id": "",
    "date_created": "2019-05-20T12:17:41.419687Z",
    "date_modified": "2019-05-20T12:17:41.419687Z",
    "date_issued": null
  },
  {
    "id": 366,
    "has_concepts": [
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15761/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15842/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15697/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15765/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15812/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15841/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15704/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15825/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15957/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15944/",
      "https://vocabseditor.acdh.oeaw.ac.at/api/skosconcepts/15945/"
    ]
  }
]
```





# Showcase: Vocabs Editor

User  
management  
and access  
control via  
Django

Allows to have  
a simple  
change  
history

Django administration		
Site administration		
AUTHENTICATION AND AUTHORIZATION		
Groups	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Users	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
CELERY RESULTS		
Group results	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Task results	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
VOCABS		
Collection labels	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Collection notes	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Collection sources	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Collections	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concept Schemes	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concept labels	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concept notes	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concept scheme descriptions	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concept scheme sources	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concept scheme titles	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concept sources	<a href="#">+ Add</a>	<a href="#">✎ Change</a>
Concepts	<a href="#">+ Add</a>	<a href="#">✎ Change</a>

dc:title @en	
identifier	
dc:creator	•
dc:description @en	•
dc:language	•
number of concepts	
dct:created	
dct:modified	
created by	
curator(s)	•
download	•
export async	•
<a href="#">Change history</a>	
• Dec. 6, 2022, 11:15 a.m. changed by 	
• Nov. 22, 2022, 12:35 p.m. created by 	

# Vocabs Editor: Development

Currently mainly **reacting** on inquiries

Bugs and feature requests can be **reported** in the GitHub issue section:

<https://github.com/acdh-oeaw/vocabseditor/issues> => don't expect immediately implementation

**Contributions** and/or forks+pull requests are very welcome

Code needs to be **refactored** but currently no timeline for this => internal discussion on applying resources for such a big change

But there is a **commitment** of ACDH-CH to maintain and further develop Vocabs Editor

The screenshot displays the GitHub repository page for `csae8092` Merge pull request `#63` from `acdh-oeaw/58-differ-between-c...`. The repository is `1591d1b` on Dec 22, 2022, with `365` commits. The file list on the left includes:

- `.github/workflows`: should resolve `#41` [skip ci] (8 months ago)
- `.vscode`: linting (3 months ago)
- `media`: all set for `#37` (8 months ago)
- `vocabs`: delete legacy ids also rm legacy id from schema (3 months ago)
- `vocabseditor`: closes `#49` (4 months ago)
- `webpage`: hotfix for `#44` (7 months ago)
- `.dockerignore`: push exported vocabs to github works `#39` (8 months ago)
- `.env`: minor [skip ci] (8 months ago)
- `.env_local_docker`: fix: extended README with section about GHCR `#57` (3 months ago)
- `.flake8`: more `#36` [skip ci] (8 months ago)
- `.gitignore`: push exported vocabs to github works `#39` (8 months ago)
- `CONTRIBUTORS.md`: contributors and readme updated (4 years ago)
- `Dockerfile`: export task and view added `#35` (8 months ago)
- `LICENSE`: initial commit (5 years ago)
- `README.md`: badges [skip ci] (3 months ago)
- `build_and_run.sh`: ok, now the repo name is set via env-variable `#39` (8 months ago)
- `docker-compose-db.yml`: docker-compose with db-included, fixing `#27` (2 years ago)
- `docker-compose.yml`: added docker compose (no database included) `#37` (3 years ago)

Repository metadata on the right includes:

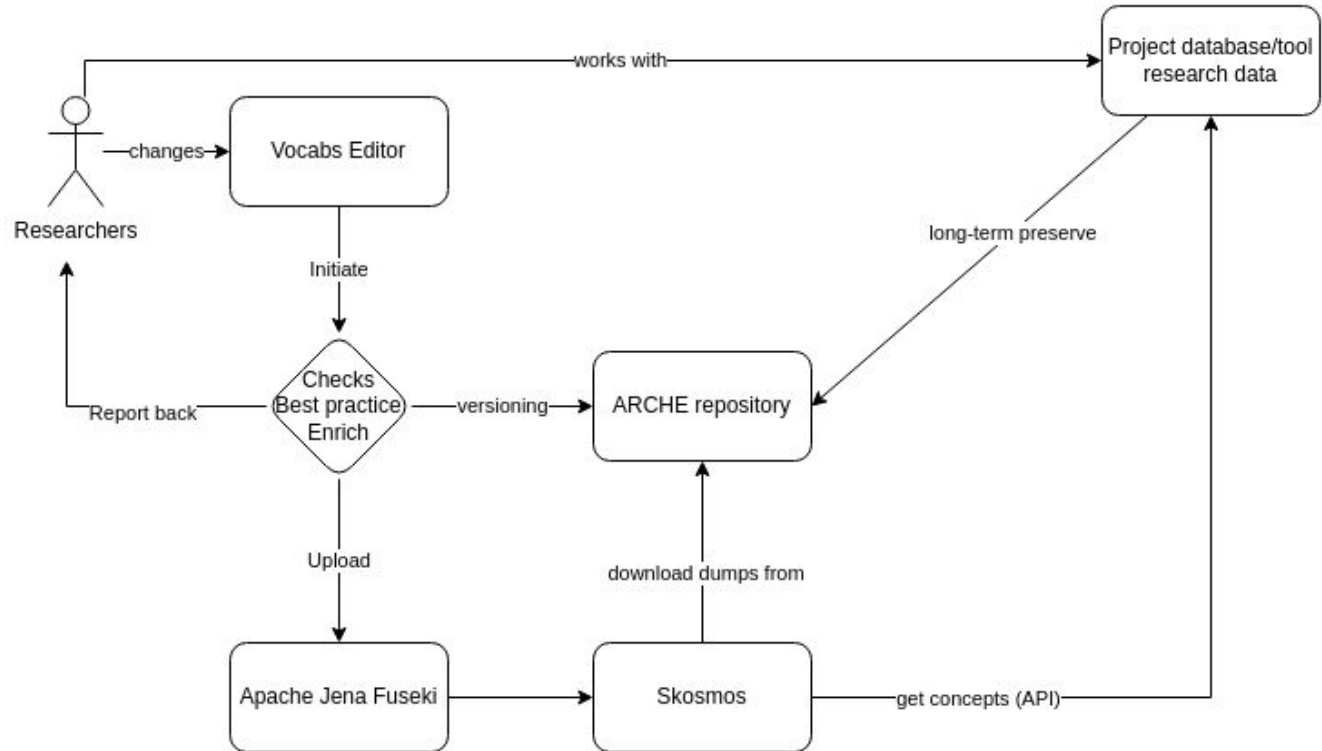
- Link: `vocabseditor.acdh.oeaw.ac.at/`
- Topics: `rdf`, `semantic-web`, `skos`, `controlled-vocabularies`
- Readme
- MIT license
- 15 stars
- 11 watching
- 5 forks
- Releases: 22
- Latest release: `Legacy id fix` (on Dec 22, 2022)
- + 21 releases
- Packages: 1
- Package: `vocabseditor`
- Contributors: 3
- Contributors: `zsenia` Ksenia Zaytseva, `csae8092` Peter Andorfer, `dschneiders`

# Vocabs Editor & ACDH-CH vocabulary ecosystem: vision

Vocabs Editor as **single entry point** for **researchers** when working with vocabularies

**Automatic workflow** to push changes into Skosmos and into project tools for data management - automatic versioning in repository (combination of extension of Vocabs Editor, CI/CD workflows and custom scripts)

Enforcing **best practices** and **enrich** concepts



## Further readings

Ksenia Zaytseva and Matej Ďurčo (2020). Controlled Vocabularies and SKOS. Version 1.1.0. Edited by Matej Ďurčo and Tanja Wissik. DARIAH-Campus. [Training module]. <https://campus.dariah.eu/id/D8d6OrLdpLIGRqBSQDVN0>

Thanks for listening

Time for questions, discussion ...

Contact:

[klaus.illmayer@oeaw.ac.at](mailto:klaus.illmayer@oeaw.ac.at)

[peter.andorfer@oeaw.ac.at](mailto:peter.andorfer@oeaw.ac.at)

Vocabs Editor:

<https://github.com/acdh-oeaw/vocabeditor>