









The topics

Opening

- Ronald Maier
- Ulf Busch



Long-term preservation of Web Content in Digital Humanities



- Monika Bargmann: Challenges for Long-term Preservation of Web Content in the Humanities – a Carefully Optimistic Perspective
- Bernhard Scheid: The Digital Handbook *Religion-in-Japan*: Content, Development and Didactic Concept
- Matthias Baltas: *Musaeum Iovianum*. From Portrait Collection to Book to Website

IT Support for Digital Humanities



- Éva Gergely: PHAIDRA Web Archive and mūsēum Archiving Solutions for Websites and Web Applications
- Raman Ganguly: IT Support for Digital Humanities

News and Feedback

Michaela Bociurko

Summary and Outlook

Ronald Maier





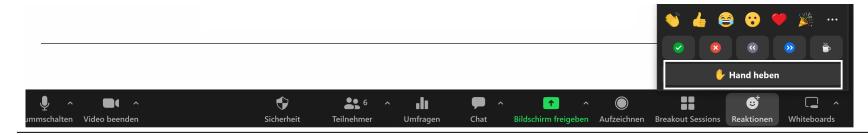


Organisational notes

• Please ask your questions as a chat comment.



• If you want to ask questions with microphone, please click the "Raise Hand" button.









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Long-term preservation of Web Content in Digital Humanities

- Challenges for Long-term Preservation of Web Content in the Humanities a Carefully Optimistic Perspective
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Challenges for Long-term Preservation of Web Content in the Humanities – a Carefully Optimistic Perspective

Monika Bargmann

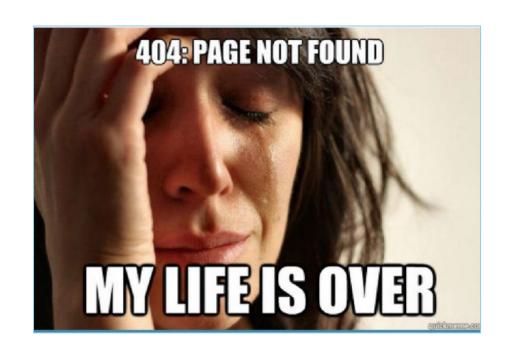


Image: meme, unknown source





A short digression about our Data Stewardship Programme

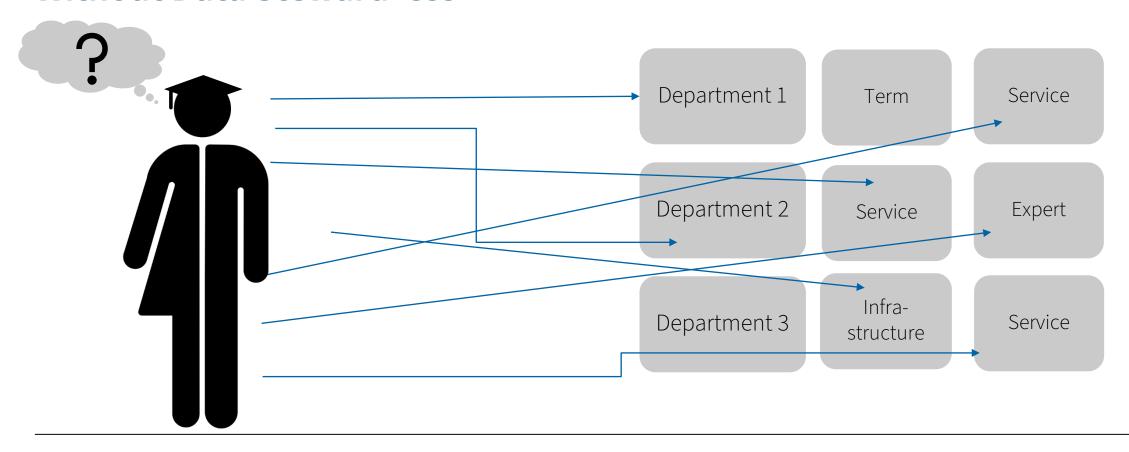
... Does the term "data steward" ring a bell with you? ...

... That is simply an info and support person who tells me what to do with my data and what is the best for my data ...





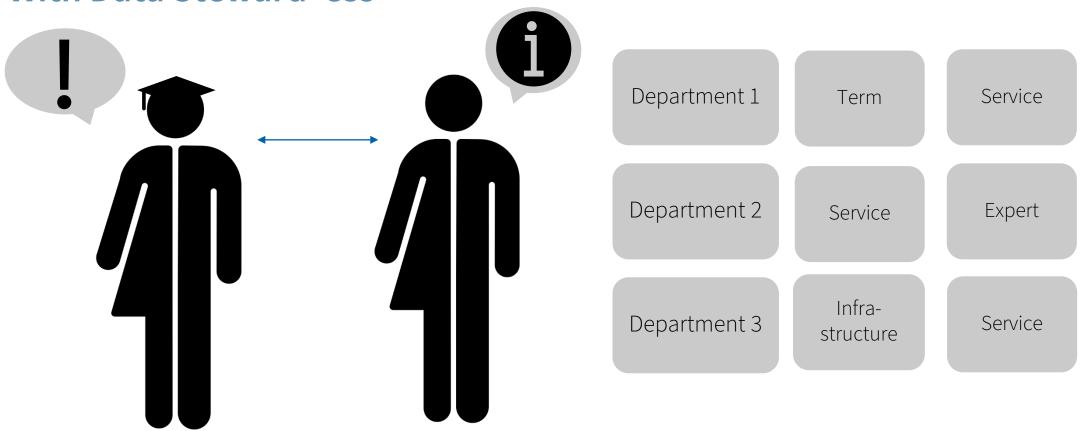
Without Data Steward*ess







With Data Steward*ess







48 % of requests about archiving and long-term storage

We have prepared a digital edition.

How can we preserve it?

A colleague retired.

The project is over, the money spent. What do we do with the website now?



Our important database is not accessible from outside the university due to security reasons.

We need to keep the functionality running, not only preserve the content.





Driving forces

- Increasing non-traditional research output
- Personal and financial resources
- Requirements by research funders
- Requirements by the University of Vienna
- Claims for reproducibility
- Rapid technology changes

"All research data on which publications are based and that are required for the reproducibility of research results should be archived, unless otherwise made permanently available and reusable".

(University of Vienna RDM Policy)





Challenges

- Dynamic content
- Functionality (search, login, ...)
- Enhanced publications
- Software updates
- Documentation







Guidelines

- Content:
 - Considerations when websites or web applications are part of your research project
 - Useful tools and life hacks
 - University infrastructure and support at your fingertips
 - Recommended reading
- Orientation: being helpful, not wagging finger
- Level: introductory
- Wanted: beta users







Take-home messages

- Plan ahead
- Involve the experts
- Budget for preservation

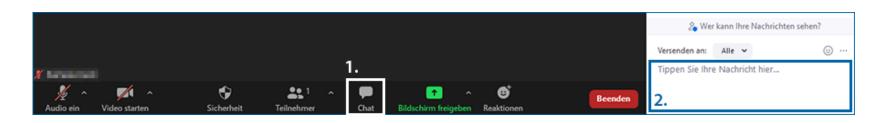






Questions about Challenges for Long-term Preservation of Web Content in the Humanities – a Carefully Optimistic Perspective?

Please ask your questions as a chat comment.





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The Digital Handbook *Religion-in-Japan*Content, Development, and Didactic Concept

Bernhard Scheid



© Image by B. Scheid





Presentation outline

- Contents, audience, general aims
- Structure and visual design
- Web technologies (why using wiki software?)
- Long-term archiving: aims and challenges



Main page





Contents

- Comprehensive, yet compact information on the traditional Japanese religions from various angles: History, practice, religious art, mythology, etc.
- All in all 175 main articles, 1,800 documented images, 2,200 glossary entries, more than 400 bibliographic references.

Audience

- Students and a general non-specialist readership; specialists from neighbouring fields
- Ca. 400 individual users per day, mainly from Germany, Austria and Switzerland

General aims

- Introduction to the academic field
- Glimpses on present discussions within the field
- Bridge between specialists and the general audience



About page





Structure

- Eight chapters on different aspects, loosely structured from general to specific issues:
 - Basic concepts / architecture / modern practice
 / iconography / mythology / history / philosophy
 / essays (on selected specific topics)
- Meta information
 - Metalog ("about" contents)
 - Appendix (search tools)



Navigation, collapsed





Visual design

- Collapsible navigation
- Colour codes for different chapters
- Main pages and side pages



Navigation, enlarged





Sample page, top







Navigation (sticky)

Sample page, body



pan nachgesagt wird (s. dazu "Verwandlungskünstler (Tierg

"Kitsune-Motive").





Fuchsstatuen

Popup image Genau genommen handelt es sich bei den Wächterfiguren um weiße Füch + image info diese Farbe von den gewöhnlichen, "weltlichen" Füchsen (kitsung untersche sie meist einen sogenannten Dharma-Schlüsse chjuw kitsune ^G (jap.) Maul. Auf manchen Darstellungen verdickt sich einem Wunschjuwel. Dharma-Schlüssel und Wunschjuwelen sir Fuchs; Botentier der Gottheit was auf buddhisti-Inari ⁶ sche Wurzeln des Inari-Glaubens hindeutet. 7 Gegenstände die magisch-religiöse Macht der Füchse. Als Boten (o-tsukai) der Gotthe ari paaren sie diese Macht üblicherweise nicht mit der sprichwörtlichen Heimtückwch in Ja-Glossary

(collapsible)

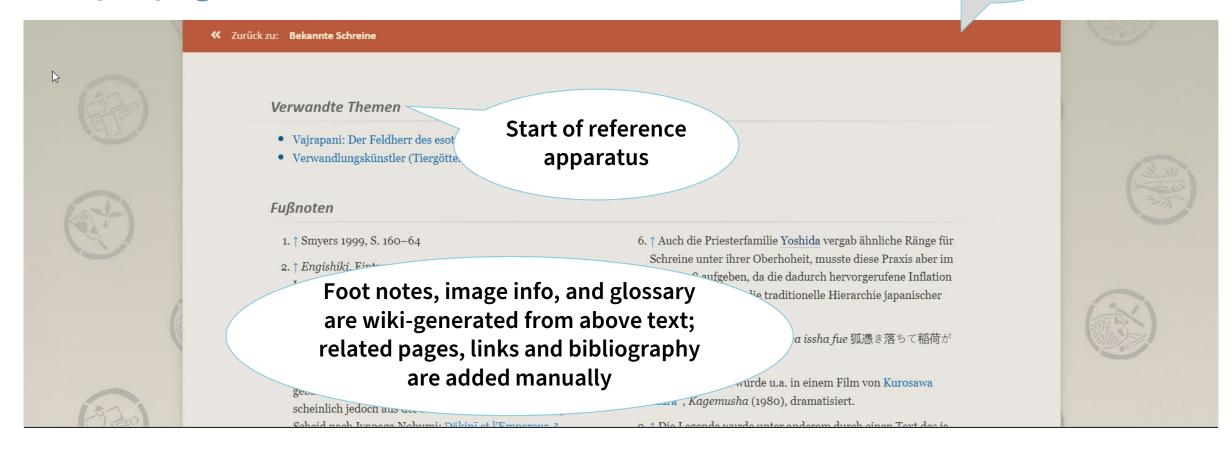
ʻ und





Sample page, references

Next page link







Sample page, bottom

Kannon^a 観音 ^ auch Kanzeon^a 観世音, wtl. der den Klang der Welt erhört; skt. Avalokiteśvara^a; chin. Guanyin^a; als Bodhisattva^a des Mitleids bekannt

kitsune ⁶ 狐 ^ Fuchs; Botentier der Gottheit Inari ⁶

kitsunetsuki[®] 狐憑き ^ Fuchsbessenheit; Glaube, dass der Geist eines Fuchses (kitsune[®]) Besitz von einem Menschen ergreifen und ihn verwirren kann die über Jahrhunderte im Götteramt (Jingi-kan°) tätig war und Ende des Mittelalters durch eine neue Theologie (Yoshida Shintō°) großen Einfluss in der Welt des Shintō gewann

Yūtoku Inari Jinja [°] 祐徳稲荷神社 [^] Inari [°] Schrein in Kyūshū, zählt zu den "Drei Großen Inari" Japans

Zen [®] 禅 ^ chin. Chan [®], wtl. Meditation; Zen Buddhismus

Religion-in-Japan (2001–2023) | Impressum



"Fushimi Inari Taisha: Ein Fuchsschrein und sein Netzwerk." In: Bernhard Scheid, *Religion-in-Japan: Ein digitales Handbuch*. Universität Wien, seit 2001

Letzte Änderung: 5. Mai 2023

Seitenerstellung: 3. September 2010

Seitennutzung: 19,400 Aufrufe seit 1. Juni 2020 (etwa 0,3 Prozent aller Projektseiten-Zugriffe)









Meta data on page and usage











Sample image page







Why a wiki?

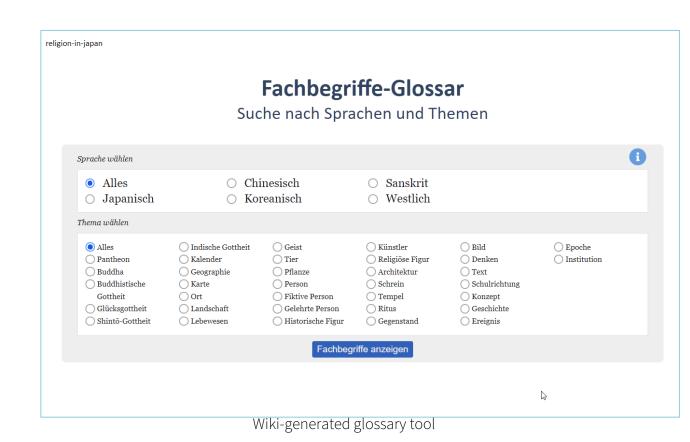
Basic software: mediaWiki (sister project of Wikipedia)

Advantages

- Add information on the fly
- Easy inclusion of helpers (student internships)
- Wiki extensions and templates allow a great range of possibilities, also to lay programmers like myself

Disadvantages

- "Private wiki", many functionalities obsolete, comparably large amount of "spam"
- Challenges for provider (ZID)
- Need to update regularly (prevent project from "dying")







Why not a book?

- The internet as a hermeneutic tool
- Search results as objets trouvés, generating content in a non-predictable way
- Links to professional web projects (museums, libraries)
- Internal loops

Why not Wikipedia?

- Personal approach (one-author view)
- Conscious attempt to avoid over-specialization
- Didactic structure

Bilder zum Thema "Landschaft" Bild: Akiba tengu kyosai.jpg Bild: Amagoi komachi toyoharu.jpg Info: Farbholzschnitt, nishiki-e (Papier, Farbe; 37,0 x 25,0 Info: Hängerollbild (Seide, Farbe; 42,5 x 69,2cm). Werk von cm; Detail). Werk von Kawanabe Kyōsai (1831-1889), Utagawa Toyoharu (1735-1814), Edo-Zeit; Catherine Edo-Zeit, 1863. Aus der Serie "Berühmte Orte entlang des Halff Edson Bildquelle: Christie's ↗ Bildquelle: Art Gallery of New South Wales > Bild: Ameyadori.jpg Info: Farbholzschnitt, nishiki-e (Papier, Farbe; 22,7 x 35,3 Bild: Amida yamagoe 13jh.jpg Info: Hängebildrolle (120,6 x 80,3 cm), Kamakura-Zeit, 13. cm), Werk von Utagawa Hiroshige (1797-1858), Edo-Zeit. Aus der Serie Kisokaidō rokujūkyū tsugi no uchi Jh., Kyōto National Museum (Die 69 Stationen des Kisokaido), Blatt 40, 1835-38 Bildauelle: Wikimedia Commons Bildquelle: The British Museum > Bild: Bentendo inokashira.ipg Info: Farbholzschnitt, nishiki-e (Papier, Farbe; 23,9 x 36 Bild: Ausfahrt ingakyo.jpg cm). Werk von Utagawa Hiroshige (1797-1858), Edo-Info: Querbildrolle, emaki (Papier; Detail), Nara-Zeit, 8. Jh Zeit. Aus der Serie Meisho setsugekka (Berühmte Ansich-Nationalschatz, Öhara Bijutsukan, Okayama ten von Schnee, Mond und Blüten), 1844-45; Gift of Bildquelle: Bunka Isan > Adams Collection Bildquelle: Museum of Fine Arts ≥, Boston Bild: Daihannyakyo.jpg Info: Querrolle, sutra (Indigo-farbenes Papier, Goldtinte; Bild: Daruma harunobu.jpg 25,4 x 18,1 cm), Heian-Zeit, ca. 1175, Chūson-ji, Hirai-Info: Farbholzschnitt, ukiyo-e (Papier, Farbe). Werk von Su-

Wiki-generated image search

zumi, Nordost-Japan; Dr. and Mrs. Roger G. Gerry

zuki Harunobu (1724-1770), Edo-Zeit Bildquelle: Art Institute Chicago >

53 Treffer





Long-term archiving: aims and challenges

- Projects based on server tools (PHP, etc.) are liable to "die," if not permanently maintained
- Archiving in simple, stable form (HTML only); will not save all interactive functions but maintains basic texts, images, and references
- In the case of the handbook, the archived version may remain of historic value because it secures the "state of the field" at the moment of archiving



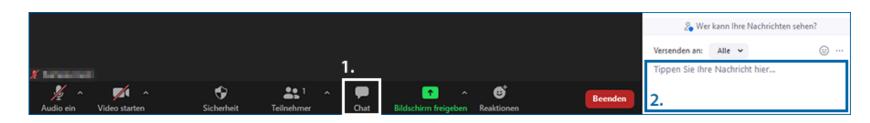
Archived version (under construction)





Questions about The Digital Handbook *Religion-in-Japan*: Content, Development and Didactic Concept?

Please ask your questions as a chat comment.





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Musaeum Iovianum. From Portrait Collection to Book to Website

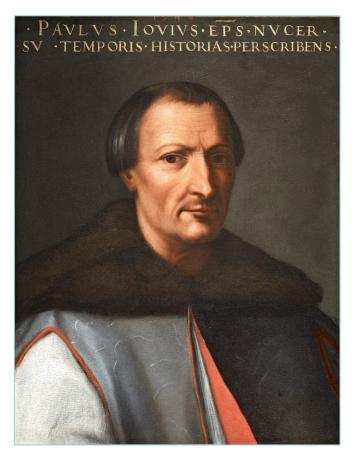
Matthias Baltas



View of Paolo Giovio's villa (Unknown artist, 1619; oil on canvas; Como, Pinacoteca Civica)







Portrait of Paolo Giovio (Cristofano dell' Altissimo, 1552-1568; oil on canvas; Florence, Galleria degli Uffizi)

Paolo Giovio, his *musaeum* and the *Elogia*

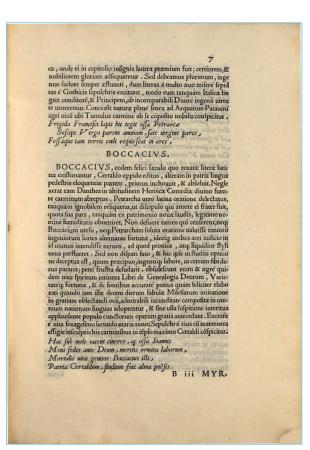
- Paolo Zobio/Jovius/Giovio: *1483/86 Como, †1552 Florence
- Physician, historian, biographer, papal clerk & envoy, bishop, collector, ...
- Villa (*musaeum*) on the shores of lake Como, containing about 400 portraits of military and political leaders, aristocrats, popes, artists and intellectuals
- Latin paratexts on parchment placed underneath/next to the portraits ("iscrizioni" = *elogia*/short biographies + verse epigrams)
- Character sketches, exempla in a templum virtutis ("temple of virtue")





The *Elogia* during and after Giovio's lifetime

- Elogia veris clarorum virorum imaginibus apposita, quae in Musaeo Ioviano Comi spectantur (first edition 1546 see example on the right)
 - 146 *elogia* + 157 epigrams
- Elogia doctorum virorum ab avorum memoria publicatis ingenii monumentis illustrium (second edition 1557)
 - 215 epigrams added by **Johannes Latomus** (148 of which he composed himself)
- In total: 372 epigrams (1-33 verses)
- Elogia virorum literis illustrium, quotquot vel nostra vel avorum memoria vixere (fifth edition 1577, including woodcuts of the portraits)



© Münchener Digitalisierungszentrum





The portraits in the museum and in the book



Portrait of Angelo Poliziano (Cristofano dell' Altissimo, before 1557; oil on canvas; Florence, Galleria degli Uffizi)



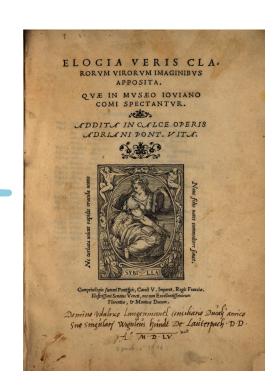
Portrait of Angelo Poliziano (Tobias Stimmer & workshop, before 1577; woodcut; Münchener Digitalisierungszentrum)





The verse epitaphs in Paolo Giovio's *Elogia virorum literis illustrium*. Poetic topic and the context of the book

- Transcription, translation, analysis and categorisation of the 372 verse epigrams
- Development of a topoi-matrix, containing recurring motifs, themes etc.:
 - Sepulchral topics such as the *hic situs est*-formula ("here lies ..."), the *viator*-apostrophe (an imaginative passer-by is "addressed" by the funeral inscription), motifs related to untimely death (*mors immatura*), ...
 - Topics related to the lives and works of deceased literary figures, including the designation of their main works and key biographical locations
- Analyses of communicative situations, stylistic devices and intertextual relations







Long-term preservation - provisions and requirements I

- Digital edition relying on user participation (feedback form)
 - Facility to keep making changes is a necessary feature
- Initially no formal preservation strategy, due to:
 - Lack of experience (and time)
 - Not required for project proposal
- "Makeshift" solution: maintenance contract with web agency
 - Portion of research budget reallocated
 - Software updates and potential changes ensured until ca. 2027
- Unsuccessful applications for additional funding



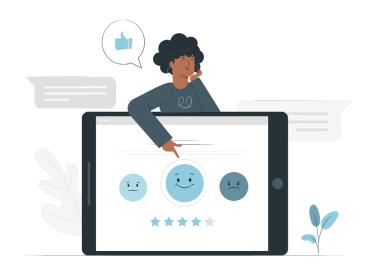
© Image by storyset on Freepik





Long-term preservation – provisions and requirements II

- At the same time, search for potential **support at University of Vienna**:
 - Monika Bargmann, Raman Ganguly etc.
 - mūsēum project
- Status quo:
 - Present functionality guaranteed until ca. 2027
 - Post-2027: continued availability through mūsēum
 - Additional requirements:
 - Faculty to make changes and, in order to do that, a
 - Competent contact person



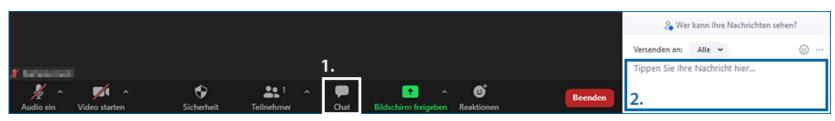
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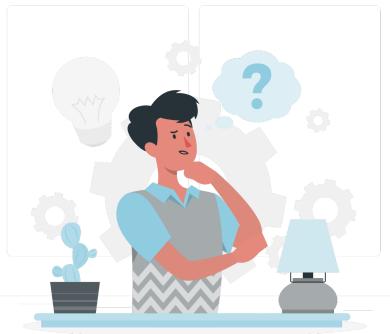




Questions about *Musaeum Iovianum*. From Portrait Collection to Book to Website?

• Please ask your questions as a chat comment.





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IT Support for Digital Humanities

- PHAIDRA Web Archive and mūsēum Archiving Solutions for Websites and Web Applications
- IT Support for Digital Humanities





PHAIDRA Web Archive and mūsēum – Archiving Solutions for Websites and Web Applications

Éva Gergely



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Why do we need web archiving?

A website or a web application is born to host research output in a research project.

The website or web application cannot be maintained after the project's end.

Because of this, many problems arise, such as security, availability, etc.







Different complexities

Static websites

- To present information
- Static HTML content



Dynamic web applications

- Dynamic content
- User interactions
- Real-time data from databases

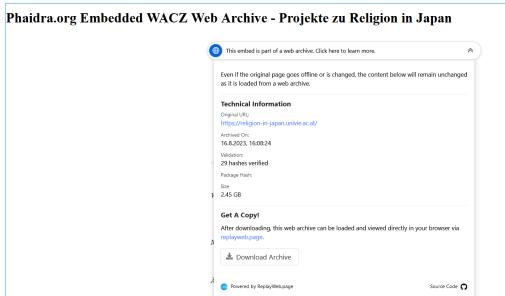






PHAIDRA Web Archive



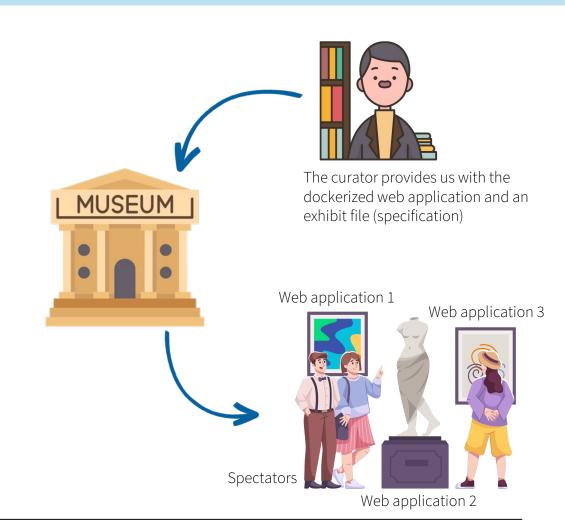






mūsēum

- mūsēum: The working title for the proposed archiving solution
- **Curator:** Stakeholder for mūsēum (part of a research team, e.g. PI, software developer, system administrator, etc.)
- **Exhibit:** All components of a web application, e.g. HTML, SQL, etc.
- **Exhibit file:** Data format for specifying information on exhibits in mūsēum
- **Spectator:** A user who wants to interact with an archived web application







Our stakeholders

- Faculty of Philological and Cultural Studies (various departments, e.g. Indology, German Studies, Classical Philology)
- Faculty of Historical and Cultural Studies

Web applications in research projects, of differing size and complexity (e.g. Drupal, TYPO3, WordPress, PERL, etc.)

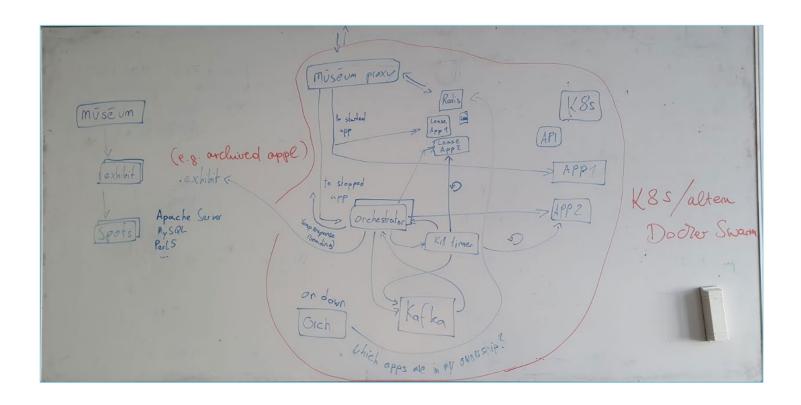
Goal

An archiving solution for web applications that allows users to access their web applications in a read-only mode. Persistent identification of objects via PHAIDRA.





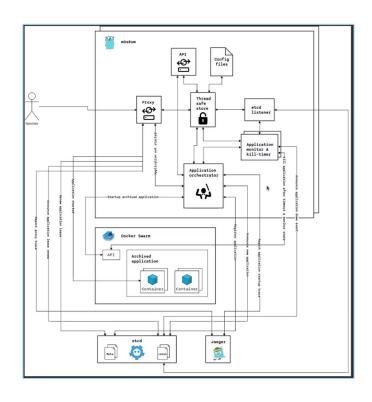
Architecture visions mūsēum I

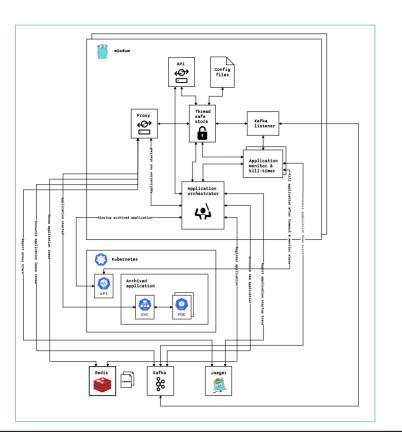






Architecture visions mūsēum II

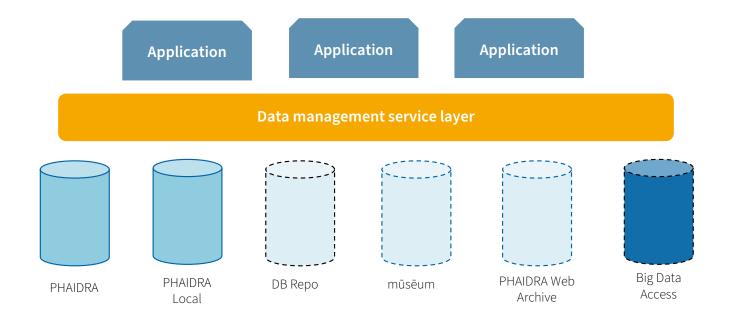








PHAIDRA landscape (RDM services)









IT Support for Digital Humanites

Raman Ganguly

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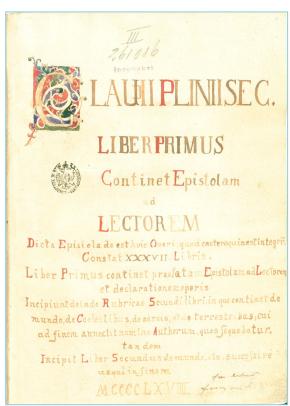


Start of the repository at the University

- Start with PHAIDRA in 2007 was closely connected with the Humanities
- Holds collection for and from the Humanities
 - eBooks on Demand
 - DiFaB: Digitales Forschungsarchiv Byzanz



https://phaidra.univie.ac.at/o:526660#



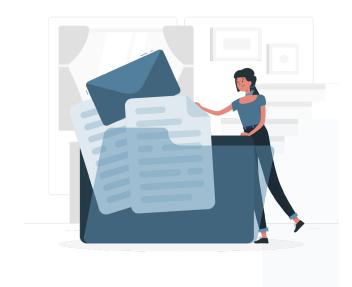
https://phaidra.univie.ac.at/o:19958





PHAIDRA, UNIDAM and more

- **UNIDAM**: Digital asset management system at the University of Vienna for research and teaching, often used in art history
- **Transkribus**: In 2019, the University of Vienna joined the Transkribus consortium
- Topic modeling: We are working with various research projects and are in the process of setting up a service for topic modeling
- PHAIDRA Vocabulary Server



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New services

- Implementing a pool of external developers to support research projects
- mūsēum Repository for application
- Application for bibliographic data, connected with the repository
- Application to structure digital archives



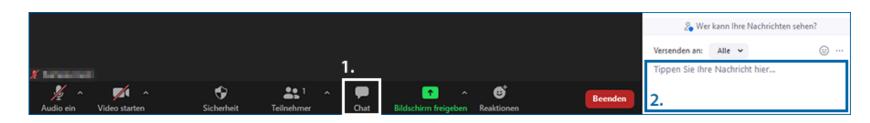
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Questions about PHAIDRA Web Archive and mūsēum or about IT Support for Digital Humanities?

Please ask your questions as a chat comment.





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News and Feedback

Michaela Bociurko

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News Microsoft Azure funding for innovative research

- For innovative research activities: Prioritisation in the use of Azure services for which the ZID does not offer alternatives in the service catalogue (e.g. AI, machine learning)
- Total amount of the funding pot 20,000.00 euros, maximum 5,000.00 euros per application
- Submission of applications: 1 November to 31 December 2023
- **Project implementation period:** February to July 2024. The built Azure environment can then continue to be used.
- Information, application form: <u>zid.univie.ac.at/en/azure/funding/</u>
- Send your questions to digital.zid@univie.ac.at



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Take a moment for giving us your feedback



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- Enter the **URL** on the left into your webbrowser, then enter the **8-digit** code.
- Or simply scan the **QR-code** on the right with your phone.
- Answer 5 short questions about the IT for Science Forum.
- You can fill out the form even after the event has ended
- Or send us an e-mail at <u>it4s@univie.ac.at</u> to give us your feedback.







Outlook

Ronald Maier





Thank you for your attention!



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See you at the next IT for Science Forum: 16 April 2024, 10:00–12:00