

Controlled vocabularies in a multilingual, network-based research environments

Proposals for a future research infrastructure in Switzerland

Thomas Hänslı, Director Digital Art History | Head Digital Media

Swiss Federal Institute of Technology, ETH Zurich, Switzerland
Institute for the History and Theory of Architecture (gta)

University of Zurich, Switzerland
Institute for Art History (KHIST)

ITWG 2014, Dresden (September 7, 2014)

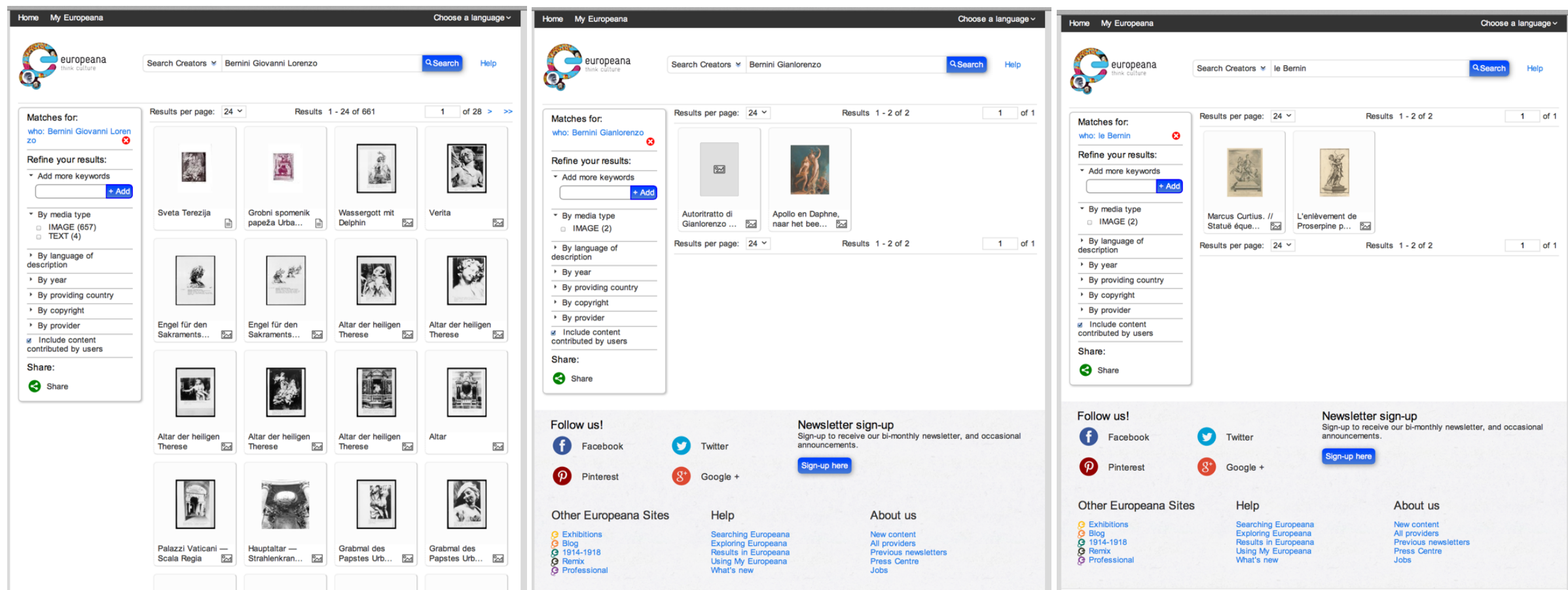
Current situation in Switzerland

- numerous research institutions, museums and archives are generating/providing art related research and meta data
- several institutions have established their own, similar vocabularies for describing and key-wording visual artefacts
- yet, only very few of them are compatible or interoperable in a reasonable way
- common search tool still is Google...
- thus, no mutual access despite a constantly growing amount of visual and textual based data related to art history
- yet again, the entire discipline depends on accessing, processing and safeguarding digital reproductions and reliable research and meta data

Reasons for shortcomings

- linguistic borders (german, french, italian, rumantsch and english as a common denominator)
- each linguistic region in Switzerland in alignment with a specific neighbourhood abroad*
- despite the geographic proximity, each European country has own funding policies and structures
- last but not least, different software products avoiding collaboration and resulting in well protected ,ecosystems‘ of database vendors
- these shortcomings apply to all countries, but are specifically crucial to multilingual Switzerland!

Examples of multilingual problems/ shortcomings in aggregated databases



- Aggregated databases: Europeana [<http://www.europeana.eu/>, as of 10/2013]
 - 661 searchresults for **Giovanni Lorenzo Bernini**
 - 2 searchresults for **Gianlorenzo Bernini**
 - 2 (others) searchresults for **Le Bernin**

Potential of leading research institutions (selection only)

- SIKART – Lexicon on Swiss Art
 - Swiss Institute for Art Research (SIK-ISEA)
 - 21'000 artist's names (only few in ULAN so far, partially in GND)
 - 50'000 metadata of art works
 - currently being made accessible within ULAN/CONA (and GND)
- Kunstbulletin – Switzerland's leading contemporary art journal
 - numerous names of Swiss contemporary artists
 - by now available only on <http://www.european-art.net/>
 - to be made accessible within ULAN (and GND)
- Digitale Diathek – ETH Zurich, University of Zurich, et al.
 - giving unified access to distributed Digital Image Database, mainly from within Switzerland
 - based on the Getty Vocabulary Program (currently ULAN, TGN, and AAT; CONA to come)
 - cross-reference to GND, SIKART gradually being added
- ETH Zurich – Archives of the Institute for the History and Theory of Architecture
 - including the Archives of CIAM, Sigfried Giedion, and Gottfried Semper
 - 90'000 metadata of architectural objects in Switzerland
 - result of decade-long research and inventories
 - future research portal going online in 2015
 - metadata to be made accessible within CONA and/or GND

Hands-on: SIKART

- SIKART – Lexicon on Swiss Art
- provided by the Swiss Institute for Art Research
- 21'000 artist's names (only few in ULAN, partially in GND)
- 50'000 metadata of art works (by 2016)
- result of decade-long research, online since 2006
- most renown source for Swiss art of the 19th/20th C.
- currently accessible through printed publications/website only
- currently being made accessible through ULAN/CONA (in collaboration with ETHZ /Digitale Diathek)

Hands-on: SIKART

Hodler, Ferdinand – SIKART Lexikon zur Kunst in der Schweiz

www.sikart.ch/KuenstlerInnen.aspx?id=4000055

Bonjour ▾ Any.do SARI basic tools SARI ES schelbert VKKS ▾ AS DD ▾ Bibliotheken ▾ Virtuelles K...tichkabinett USI ▾ UZH ▾ 2010-Alberti ▾ Latein Wörterbuch

Hodler, Ferdinand – SIKART Lexikon zur Kunst in der Schweiz

SIK ISEA Schweizerisches Institut für Kunstwissenschaft
Institut suisse pour l'étude de l'art
Istituto svizzero di studi d'arte
Swiss Institute for Art Research

LOGIN » D | F | I | E

SIKART Lexikon zur Kunst in der Schweiz
SIKART | HODLER1 | AEPPLI | ALOISE | KUNSTARCHIV

HOME LEXIKON WERKE AUSSTELLUNGEN LITERATUR AUSZEICHNUNGEN DOKUMENTE

Datenblatt [ZURÜCK ZUR TREFFERLISTE](#) [NEUE SUCHE](#)

Bearbeitungstiefe ■■■■■

Name Hodler, Ferdinand

Lebensdaten * 14.3.1853 Bern, † 19.5.1918 Genf

Bürgerort Gurzelen (BE)


Staatszugehörigkeit CH

Vitazeile Maler. Landschaft, Porträt, Selbstbildnis, Genrebild, Figuren- und Historienbild sowie monumentale Dekorationen; Plakat- und Banknotenentwürfe

Tätigkeitsbereiche Malerei, Zeichnung, Wandmalerei, Plakat, Banknoten

Lexikonartikel Erstgeborener Sohn des Tischlers Johann Hodler (1829–1860) und der Köchin Margareta Neukomm (1828–1867). Jugendjahre in Bern bis 1859, anschliessend in La Chaux-de-Fonds, Tod des Vaters an Tuberkulose. 1861 Rückkehr der Familie nach Bern, Eheschliessung der Witwe Hodler mit Gottlieb Schüpbach [\[mehr...\]](#)

D | F

 [Printversion](#)

Bibliografie [Literaturauswahl](#)
[Nachschlagewerke](#)
[Bibliografie im NEBIS-Verbund](#)
[european-art.net](#)

Website [SIK-ISEA Projekt](#)

Verweise [Schüpbach-Hodler, Gottlieb \(* 1814 Steffisburg, † 1873 Boston\)](#)


Kunstarchiv Das Institut arbeitet zur Zeit am «Oeuvrekatalog Ferdinand Hodler. Die Gemälde». Es werden deshalb nicht alle Datenbestände im Netz zur Verfügung gestellt. Nähere Informationen zum Projekt finden Sie auf der Website des Instituts.

Direktlink <http://www.sikart.ch/KuenstlerInnen.aspx?id=4000055&lng=de>


Normdaten GND [118551817](#) | [Deutsche Biographie](#)

Letzte Änderung 11.03.2013

[Fliederbäumchen, 1892](#)



[Wilhelm Tell, 1897](#)



[weitere Werke](#)

KORREKTURVORSCHLAG

Mit Unterstützung von: Departement für Inneres und Militär des Kantons St. Gallen, Amt für Kultur

SWISSLOS Lotteriefonds Sankt Gallen

<http://www.sikart.ch/werke.aspx?id=6005440> zur Leseliste hinzufügen

- SIKART, example of Ferdinand Hodler [<http://www.sikart.ch/KuenstlerInnen.aspx?id=4000055>, as of 4.9.2014]

Hands-on: Digitale Diathek

- giving unified access to Digital Image Databases, mainly from within Switzerland
- network-based architecture (no aggregated data for quality reasons)
- multilingual search capabilities for persons/cooperate bodies, places and art historical terms implemented into full text search
- possible thank to Digitale Diathek Vocabulary services provide to all contributed partners interested using it
- allows own additions, translations, and micro thesauri
- based on the Getty Vocabulary Program (ULAN/TGN/AAT)
- cross-references to GND, SIKART gradually being added
- yet, using a proprietary software (for the moment being)

Hands-on: Digitale Diathek

<https://gta.digitale-diathek.net/asset?t=1&i=eth-zuerich&c=694&o=85570&v=flvhq&w=1264&h=730&checksum=e0e95d36436eaa161909adc914f5186c>

easydb eth-zuerich

Kontakte Bonjour schelbert VKKS AS DD Bibliotheken USI 2010-Alberti 2012-Teoria vd16 arthistoricu...Renaissance Latein Wörterbuch

easydb eth-zuerich

digitalediathek Search Import

Logged in as Thomas Daniel Hänsl | Logout

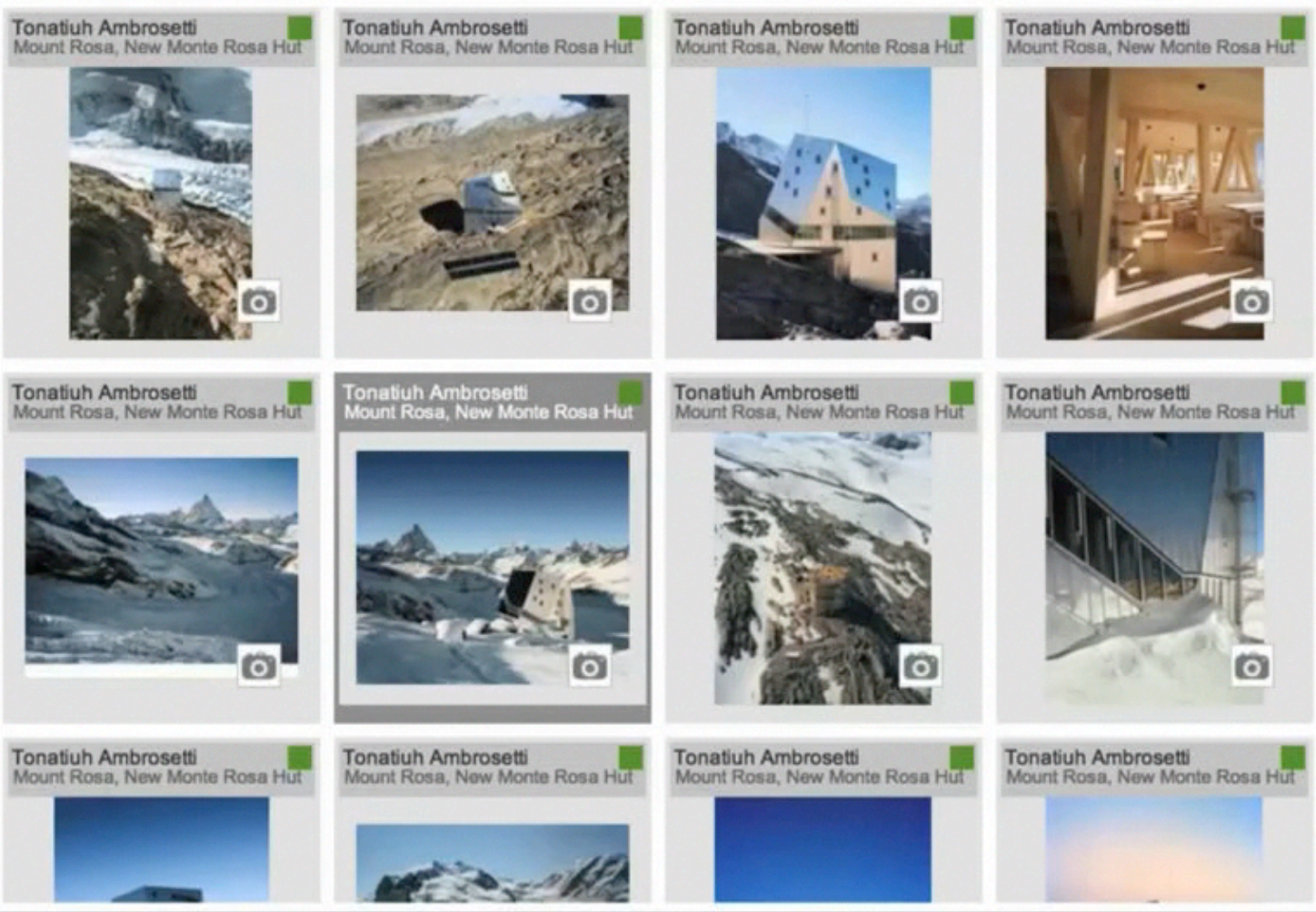
Information | New | Workfolders | Presentations

Treffer 6 / 44182

Metadaten Download Changelog

0 / 0 / 44182 Standard ID 200

Tonatiuh Ambrosetti
Mount Rosa, New Monte Rosa Hut



Objekt

Location

Persons/
Corporate
Bodies

Provenance

Title New Monte Rosa Hut SAC. View from above

Places

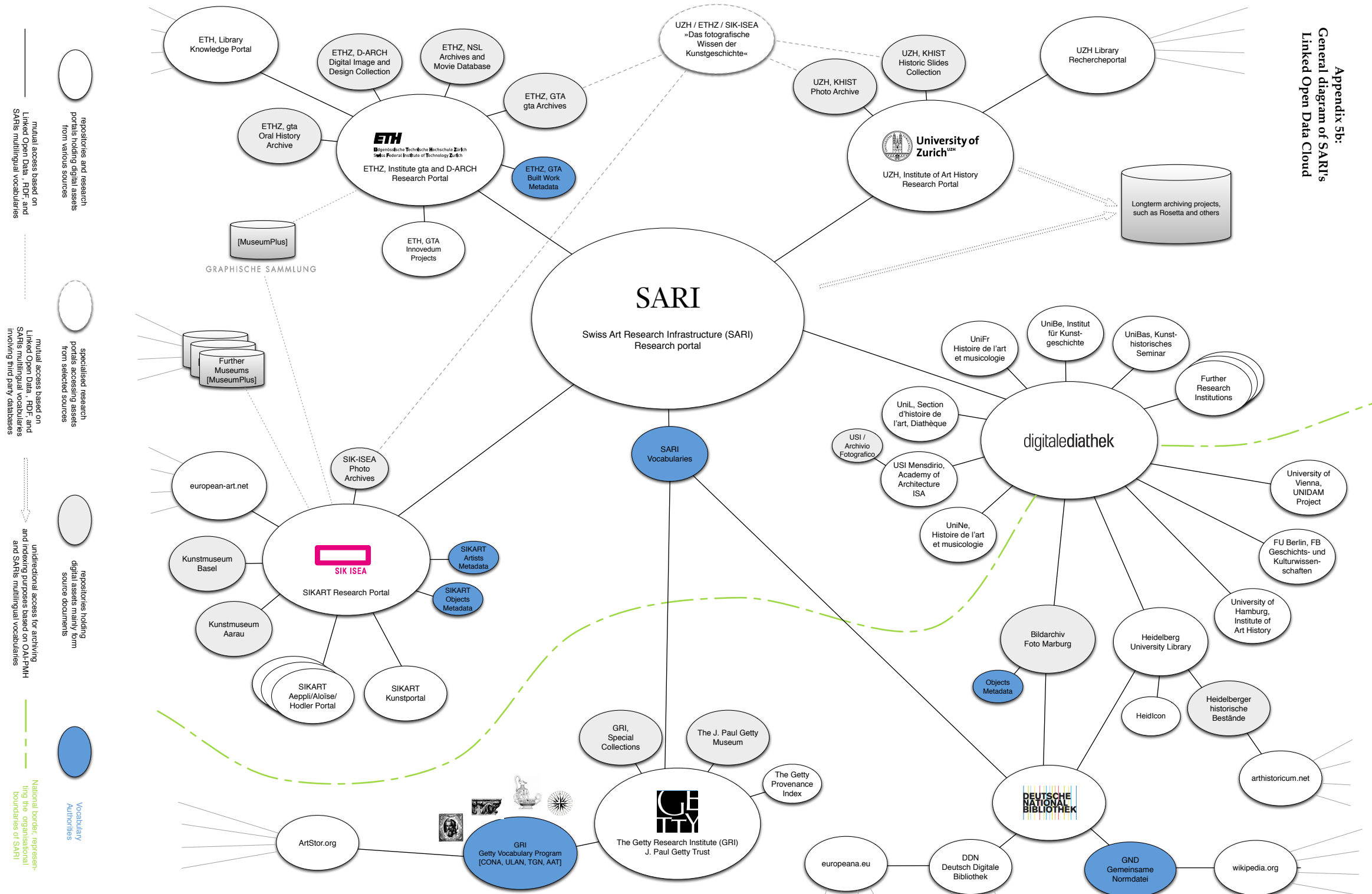


Two new proposals for a future
research infrastructure in Switzerland

SARI

- SARI – »New Swiss Art Research Infrastructure«
- Authors: Weddigen/Hänsli/Tönnemann(†)/Fayet et. al.
- Applied for at »Swiss Federal State Secretariat for Education, Research and Innovation (SERI)« / »Swiss National Science Foundation (SNSF)«
- Program: »Swiss roadmap for New Research Infrastructures of National Relevance (2017/20)«
- Leading House: University of Zurich (UZH), in collaboration with the Swiss Federal Institute of Technology (ETHZ), Swiss Institut of Art Research, Zurich (SIK-ISEA)
- Partner: all Swiss universities involved in researching/teaching in art history, numerous museums, archives, collections, the Getty Vocabulary Program, others
- 4.54 mCHF, decision due 2014/2015, starting 2017

SARI – National Network



Appendix 5b:
General diagram of SARI's
Linked Open Data Cloud

SARI – Key features (selection)

- unified access to visual and textual based data related to art history, including both research data and individual holdings
- network-based architecture, instead of aggregating remote databases
- providing tools for research and academic collaboration
- allowing incremental and curated contributions from research projects and individual holdings, such as museums, archives, and collections
- scholarly, technical, and financial resources for data curation of contributing partners
- unified access to established, yet extendable scholarly vocabularies for persons and corporate bodies, places and locations, works of art and historical terminology (based on LOD, see SLOAT)
- industry-grade search technologies, based on open source software

SARI – Goals

- unified access to research-relevant images and scientific metadata from existing networks, institutions, and research projects
- enhanced sustainability and visibility for research projects and individual holdings, such as museums, archives, and collections
- synergetic uses of scholarly skills in the participating universities and collections, taking into account each institution's main areas of expertise and focus in terms of methodology and content
- stretching beyond institutional, linguistic, and national borders
- enhance collaboration various actors, various academic levels
- seen as a potential model for an international network

SLOAT

- SLOAT – »Swiss Linked Open Art Thesaurus«
- Applied for at »Rector's Conference of the Swiss Universities«
- Program: »SUK-P2. Scientific information: Access, Processing and Safeguarding« [2013-16]
- Authors: Weddigen/Hänsli/Lampugnani/Fayet et. al.
- Leading house: University of Zurich (UZH), in collaboration with the Swiss Federal Institute of Technology (ETHZ), Swiss Institut of Art Research, Zurich (SIK-ISEA)
- External partners: GRI Getty Vocabulary Program, others
- 466 kCHF, decision due 12/2014, starting 1/2015

SLOAT – Key features

- dedicated, open-access vocabulary service in the field of art history according to the specific needs of Switzerland's universities, research institutions, museums and collections
 - based on open access and linked data (LOD), free of charge
 - multilingual subjects, concepts and terms covering works of art, persons and corporate bodies, places and technical terms
 - affiliate and provide unified access to all existing major vocabularies, thesauri and authority data used in the field of art history in Switzerland
- (i.e. the Getty Vocabulary Program, GND, SIKART, others to come)

SLOAT – Goals

- multilingual access to visual and textual based data related to art history from existing networks, institutions and research projects
- stretching beyond institutional, technological, language and national borders
- synergetic uses of scholarly skills in the participating universities and collections establishing own vocabularies
- provide specialized institutions with the framework for adding own and translating existing content
- taking into account each institution's main areas of expertise and focus in terms of methodology and content

Further information

Thomas Hänsli, Director Digital Art History | Head Digital Media

ETH Zurich
Swiss Federal Institute of Technology
Institute for the History and Theory of Architecture (gta)
Stefano Franscini-Platz 5
P.O.B. 250
8093 Zürich / Switzerland

Web: <http://digitalarthistory.gta.arch.ethz.ch> | Mail: thomas.haensli@gta.arch.ethz.ch

ETH zürich

