

GRI Information Systems + Institutional Metadata

Current Initiatives and Future Directions

Lily Pregill | International Terminology Working Group Meeting - August 17, 2017



GETTY CONSERVATION INSTITUTE + GETTY FOUNDATION + GETTY RESEARCH INSTITUTE + J. PAUL GETTY MUSEUM

GRI Information Systems

- vocabulary program
- data specialist / legacy systems
- software development
- library systems & digital services



Szeemann Digital Seminar



Szeemann Digital Seminar



Fall 2017 – GRIDAH + partners:

- University of CA, Los Angeles
- University of Chicago
- Academy of Visual Arts, Leipzig



Szeemann Digital Seminar

Harald Szeemann papers, 1800-2011, bulk 1949-2005

Request access to the physical materials described in this inventory through the [catalog record](#) for this collection. Click here for the [access policy](#).

[Descriptive Summary](#)

[Biographical / Historical Note](#)

[Scope and Content of Collection](#)

[Restrictions](#)

[Indexing Terms](#)

[Related Material](#)

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[Container List](#)

[Series I. Project files, 1836-2007, bulk 1949-2005](#)
[Series II. Artist files 1888-2009, bulk 1969-2005](#)
[Series III. Curator and museum professional files, 1903, 1942, 1955-2007](#)
[Series III.A. Curator files, 1903, 1942, 1955-2007](#)
[Series III.B. Correspondence binders, 1973-1998](#)
[Series III.C. Unfiled materials, 1958-2007](#)
[Series IV. Photographs, 1800, 1836-2011, bulk 1957-2005](#)
Series IV.A. Projects, 1895-2007
[Series IV.B. Artists, 1892-2007, bulk 1960-1999](#)
[Series IV.C. Margarethe Fellerer photographs of Monte Verità, 1904-1979, undated](#)
[Series IV.D. Topical, 1900-2004](#)
[Series IV.E. Slide carousels, 1997, undated](#)
[Series IV.F. Personal, approximately 1880-2004](#)
[Series V. Audiovisual files, 1926-2005, undated, bulk 1983-2005](#)
[Series V.A. Project files, 1969-2005, undated, bulk 1983-2005](#)
[Series V.B. Artist files, 1926, 1950-1956, 1965-2005, undated](#)
[Series V.C. Curator and museum professional files, 1989-2005, undated](#)
[Series V.D. Topical files, 1956, 1960, 1965-1972, 1984-2004, undated](#)
[Series V.E. Gallery and museum ephemera, 1995-2005, undated](#)
[Series V.F. Personal files, 1996-2005](#)
[Series V.G. Unidentified, undated](#)
[Series VI. Topical files, 1806-2005, bulk 1967-2005](#)
[Series VI.A. Arts and letters, 1905-2005, bulk 1956-2005](#)
[Series VI.B. Clippings and assorted research materials, approximately 1969-2005](#)
[Series VI.C. People and organizations, 1967-2004](#)

Series IV. Photographs, 1800, 1836-2011, bulk 1957-2005 101.9 Linear Feet (255 boxes and 3 flatfiles)

Series IV.A. Projects, 1895-2007 40.9 Linear Feet (99 boxes and 2 flatfiles)

This subseries contains more than 17,000 photographs related to many of Szeemann's exhibitions, books and other projects. Most of the exhibitions are listed with English versions of the title; titles in the original language of the exhibition will be added later. Among the projects that are particularly well represented in this subseries are: *Live in Your Head: When Attitudes Become Form*, *Happening & Fluxus*, *Documenta 5*, *The Bachelor Machines*, *Monte Verità*, *Tendency towards the Gesamtkunstwerk*, *Zeitlos*, *Visionary Switzerland*, *Swiss Pavilion*, *Joseph Beuys*, *100 Years of Cinema*, and *Austria in a net of roses*. See also this [chronology of Szeemann's projects](#).

Arrangement note

The arrangement of this subseries is based on Szeemann's original organization of material chronologically by project date (generally the first date that a project was presented to the public). Items that were previously unfiled have been integrated into the chronological arrangement whenever possible. Additionally, exhibition photographs that were culled for the publication *Harald Szeemann: with by through because towards despite* are listed in the overall chronological arrangement, but are still physically filed with the book project; they are identified with a note that says, "Selections for the book *Harald Szeemann: with by through because towards despite*."

box	folder	
37	1-3	La Biennale di Venezia , 1895-1938 4 items La Biennale di Venezia Hugo Ball , Hugo Ball
box	folder	
61	11	Black-and-white photographs, 1957 1 item Selections for the book <i>Harald Szeemann: with by through because towards despite</i> . Contains Club Bel Etage schedule.
box	folder	
3728*	1b	Board with two black-and-white photographs, 1957 1 item
box	folder	
61	15	Lenz Klotz, Frederich Kuhn, Bruno Müller, Matias Spescha , 1962 1 item Lenz Klotz, Frederich Kuhn, Bruno Müller, Matias Spescha Selections for the book <i>Harald Szeemann: with by through because towards despite</i> . <i>4 Americans: Jasper Johns, Alfred Leslie, Robert Rauschenberg, Richard Stankiewicz</i> , 1962 4 Americans: Jasper Johns, Alfred Leslie, Robert Rauschenberg, Richard Stankiewicz Selections for the book <i>Harald Szeemann: with by through because towards despite</i> .



Szeemann Digital Seminar

The Harald Szeemann Collection, 1800-2011, bulk 1949-2005

1958.93 Linear Feet (3814 boxes, 449 flatfiles, 6 crates, 3 bins, 24 reels)

[Archive](#) [About](#) [Scope](#) [Restrictions](#)

[< Previous Item](#)

Live in Your Head: When Attitudes Become Form, 1969

[Next Item >](#)

Location in the Collection

Harald Szeemann Collection [More Info](#)

Series IV. Photographs [More Info](#)

Live in Your Head: When Attitudes Become Form, 1969

[Full Record Details](#)



Navigate Live in Your Head: When Attitudes Become Form, 1969

[Black-and-white photographs](#) +

[Color transparencies](#) +

[Slide Carousel](#) +

[Opening](#) +

[Michael Heizer](#) -

[Catalog materials](#) +

[Krefeld opening](#) +

[Michael Heizer, Keith
Sonnier, Richard Artschwager,
Daniel Buren](#) +

[Black-and-white photographs](#) box: 39; folder: 9

Includes photocopies of letters from Szeemann to Joseph Beuys, Dr. Hans Bodenmann, Amy de Dekker, Michael Kustow, Lucy Lippard; photocopy of letter to Szeemann from Reilly.



Szeemann Digital Seminar



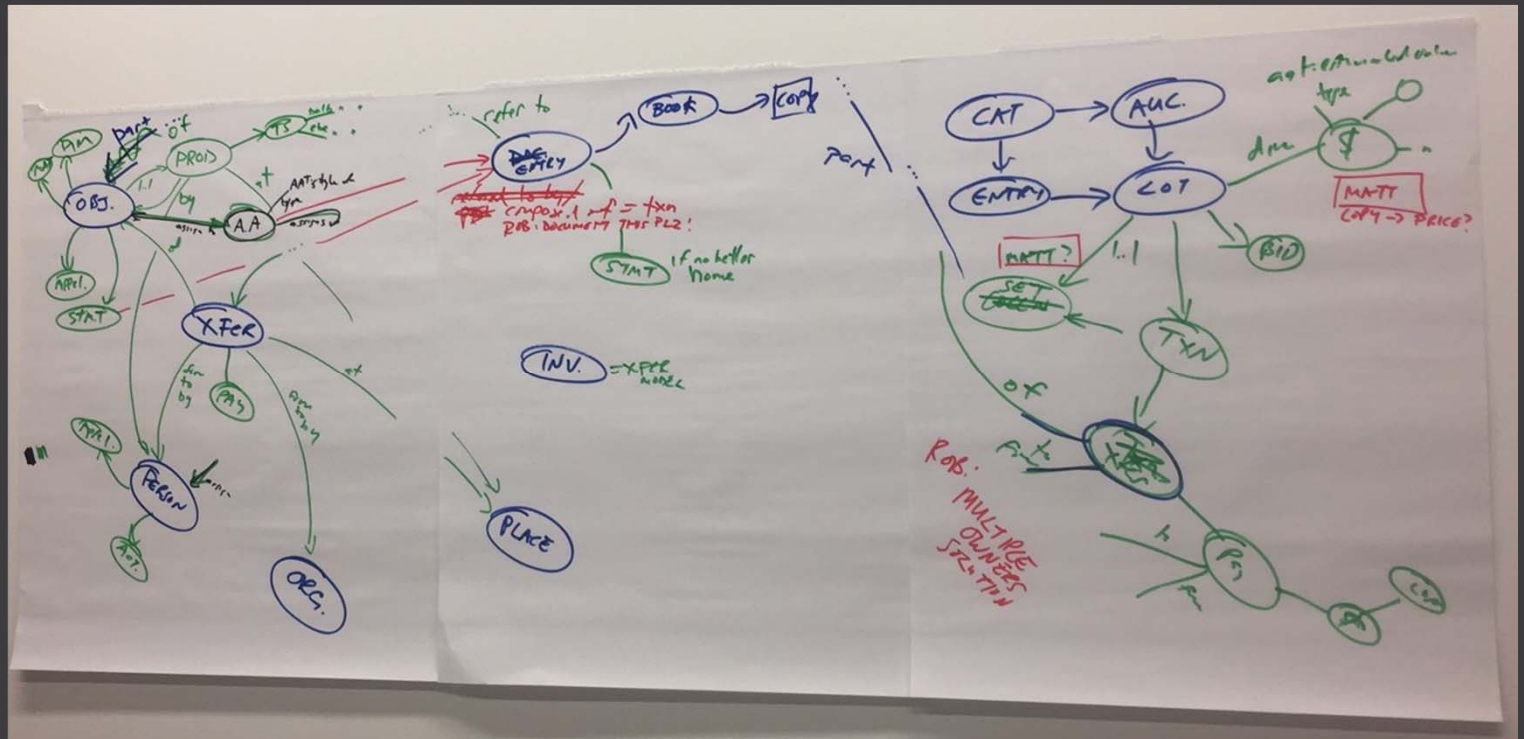
Provenance Index Rebuild



- CIDOC-CRM data model
- Data cleanup, normalization
- LOD pipeline
- Getty Vocab integration + enrichment
- Arches production platform w/extension to feature set
- UX design



Provenance Index Rebuild




Team defined Arches data model representation for Knoedler and Sales Catalogs data and identified areas of ambiguity.







Provenance Index Rebuild

Search our Database

Enter Keyword

 [Advanced Search](#)

Browse an Entity

			
Event 100,019 What's an Event?	Person / Institution 75,042 What's a Person/Institution?	Object 80,012 What's an Object?	Location 50,077 What's a Location?

Paintings, sculptures, drawings, and other artwork referenced in the databases.



Provenance Index Rebuild

Data Documentation

- Cynthia: I want unique data sets
- Cynthia: I want to know when the data changes or why it has.
- I want to have metadata to engage with data just computational analysis

Teaching & engagement w/field

- Cynthia: I want simple datasets, datasets
- As a professor, I want to know how other people/teams/scholars are using the GPI datasets
- I want training tools for my students
- list of non-native experts that can help me out
- Cynthia: I want to see the original documents of all the data out there
- Cynthia: I want links in GPI to other datasets
- I want a clean web to view it in a web browser
- Cynthia: I want flexible search options for GPI system

Search & Exploration

- I want an exploratory tool
- As a professor, I want to know what the GPI datasets cover so that I can know what and how to use it
- I want pre-built display tools with assumed learning curves
- Cynthia: I want original languages
- Cynthia: I need to understand the shape of data - abstract & presence
- Cynthia: I want you to do as much work for me as possible

Standardization formats & access

- Cynthia: I want access to large data sets to find patterns
- I want research papers to cite
- I want easy ways to get the data to work on locally
- I want really clean sets of data that I can use with all the kinds of headers
- As a professor, I want to be able to use the data

Scope of GPI

- I don't understand the scope of GPI
- I want to know what the GPI includes
- I want to know the conditions in the GPI before searching
- I want a complete overview of the presence of a user ID

Awesome Search

- I want a simple search interface/faceted search
- I want to know logical search results
- I want to know the level of accuracy for each GPI record
- I want to know the level of accuracy for each GPI record
- I want to know the level of accuracy for each GPI record

Risk of Reputation Loss

- I want to know whether outside produced provenance can be trusted
- I want to know whether outside produced provenance can be trusted

Easy to Use

- I want to have everything fast and easy
- I want to use GPI on my phone

Digital -> Print

- I want to navigate where records in the GPI and the printed version in the GPI that I connect
- I want to keep physical versions of GPI records

Accuracy

- I want to know the accuracy of the data

Feedback

- I want to know the level of accuracy of the data

Searching

- I want to know the legal status of the object

Different Sources

- I want to know the legal status of the object

Provenance

- I want to know the legal status of the object

Images

- I want to know the legal status of the object

Transparency

- I want to know the legal status of the object

Functionalities

- I want to know the legal status of the object

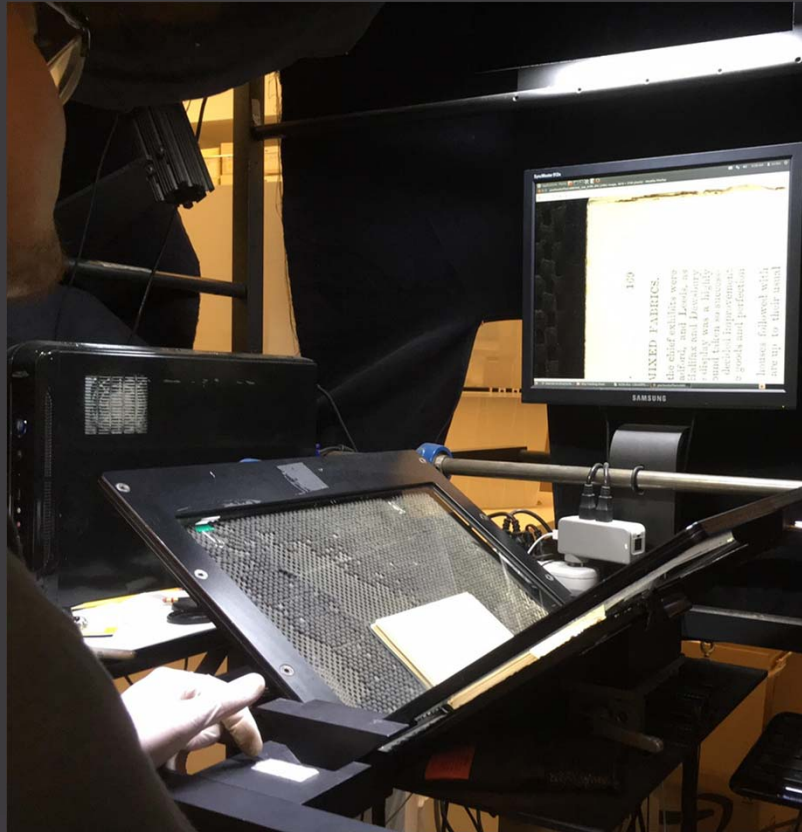


Primo UI

The screenshot displays the Primo Search interface. At the top left is the Primo Search logo. The navigation bar includes links for 'Tell us what you think!', 'Getty Research Institute', 'Search Tools & Databases', 'Interlibrary Loan', 'Contact the GRI', 'New Search', and a menu icon. A search bar contains the text 'Szeemann' and a search icon. To the right of the search bar, it says 'Books, Journals, Archives, Digital Collections' and 'ADVANCED'. Below the search bar is a yellow banner with the text 'Sign in to get complete results and to request items' and buttons for 'Sign in' and 'DISMISS'. The main content area is divided into two columns. The left column, titled 'Refine My Results', has sections for 'Sort by' (set to 'Relevance'), 'Availability' (with sub-sections for 'Available in the Libr...' (5,405) and 'Full Text Online' (1)), 'Collections' (with sub-sections for 'GRI General Collecti...' (5,215), 'GRI Special Collections' (522), and 'GRI Digital Collections' (176)), and 'Authors/Creators' (with sub-sections for 'Abbt, Theres' (1) and 'Ackemeier, Helmut' (1)). The right column shows search results for 'PAGE 1 5,736 Results'. It lists three items: 1. 'Harald Szeemann papers, circa 1836-2010 (bulk 1957-2005). Szeemann, Harald.' with a 'MANUSCRIPT/ ARCHIVE' icon and 'Available at SPECIAL COLLECTIONS - CONTACT REFERENCE (002/G) and other locations'. 2. 'Harald Szeemann : with by through because towards despite : catalogue of all exhibitions 1957-2005 / Tobia Bezzola, Roman Kurzmeyer (editors). Szeemann, Harald.' with a 'BOOK' icon and 'Available at STORAGE (N7483.S97 S94 2007) and other locations'. 3. 'Harald Szeemann. Szeemann, Harald.' with a 'BOOK' icon and 'Check holdings at OUT OF PRINT -- UNABLE TO FIND COPY FOR PURCHASE ()'. Each result has icons for print, email, bookmark, and a menu.



Getty Research Portal



- 4 Internet Archive Scribes
- Traventus Scanner
- 7,000 books (fy17)
- 2.6 m pages
- API
- schema.org
- full-text search

<http://portal.getty.edu>



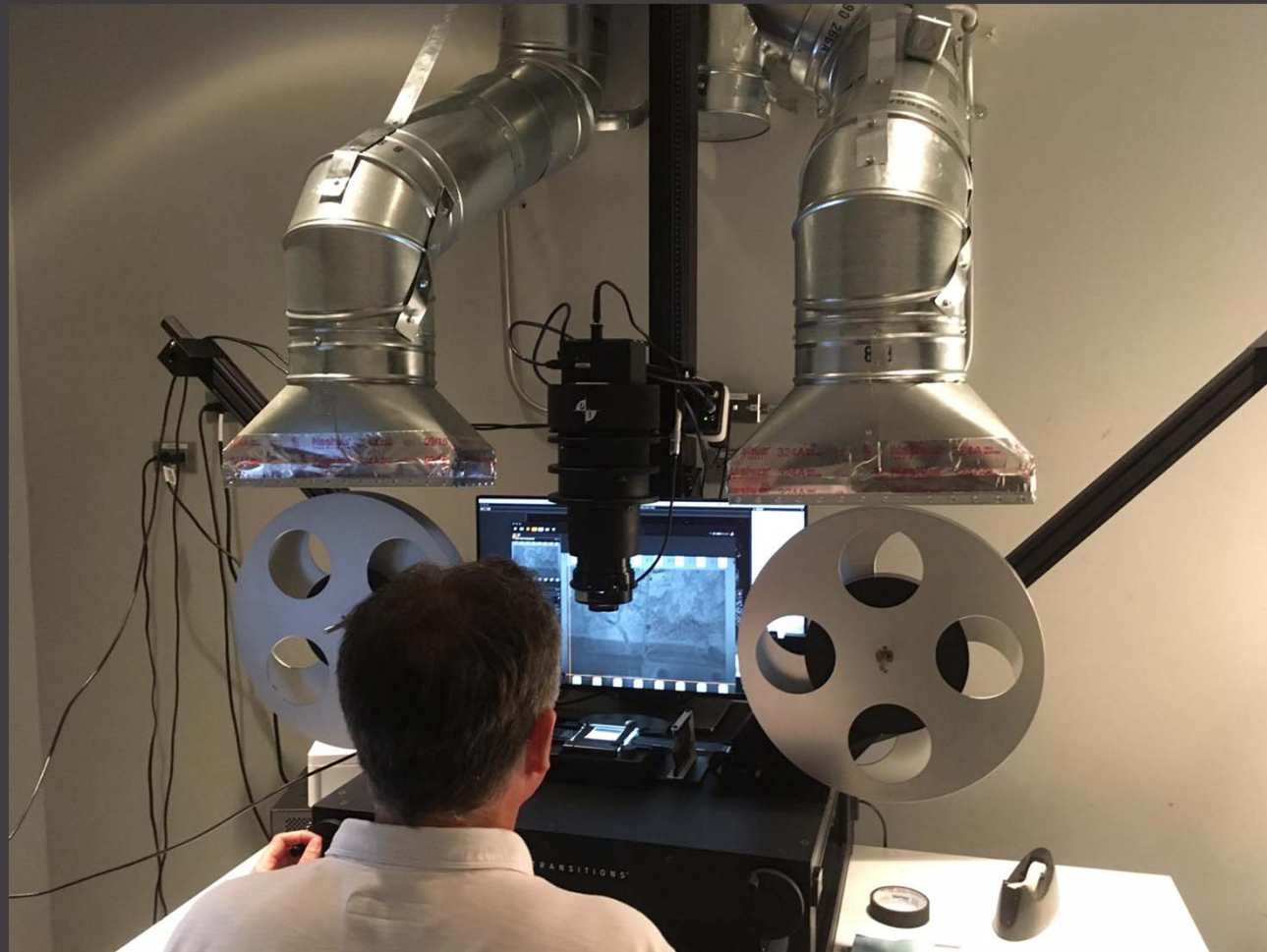
Ed Ruscha: Streets of Los Angeles



- 100,000+ images
- geolocation framework
- club sourcing



Ed Ruscha: Streets of Los Angeles



Frank Gehry Archive



- 3 year project
- 150,000 slides
- 120,000 drawings
- 292 models > 3D imaging



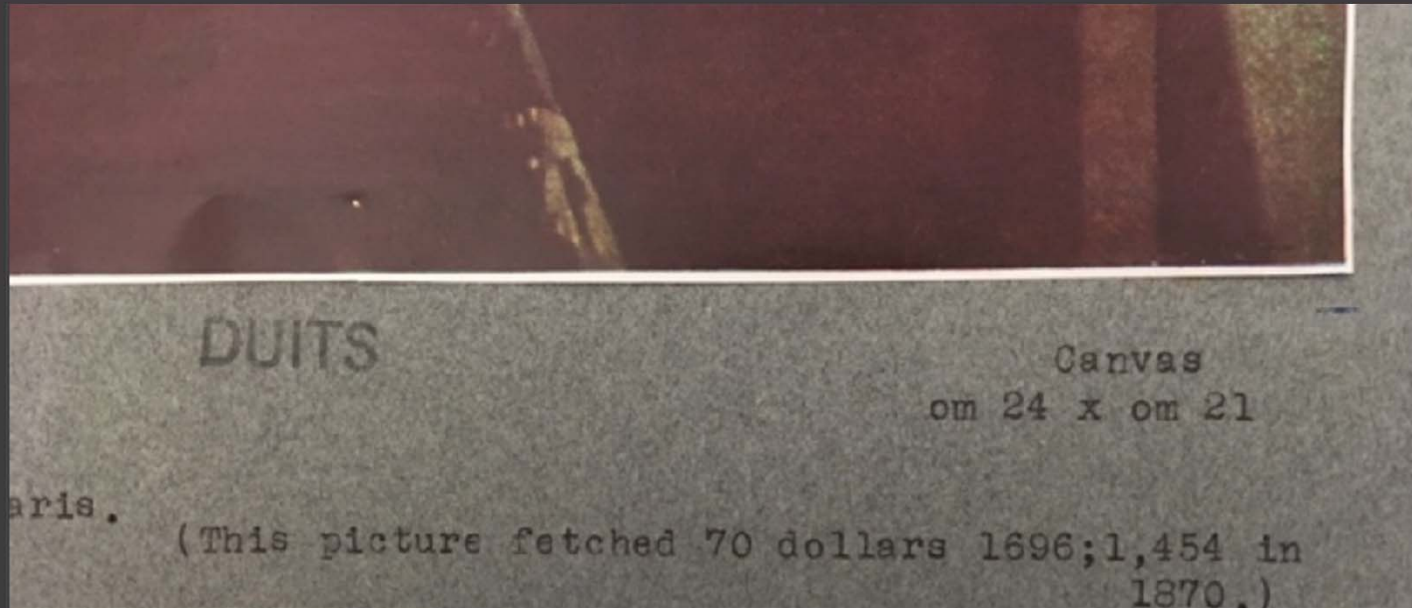
PhotoTech



- 660,000 images



PhotoTech



PhotoTech

Reproductie delport no 11.

Een copie in waterverf in de veiling van teekeningen Floos van Amstel te Amsterdam, 3.3.1800, No. 50. (f 22.- aan Bolten)

Zie Reprod, Imperial Formaat

veiling te Amsterdam 16.5.1696, No. 12. (f 28.-)

- " Coll. Jac. Grammer Simonsz te Amsterdam 25.11.1778, No. 17. (f 150.-)
- " " J. Schepens te A'dam ~~12.4.1813~~ - Nov-97 21.1.1811, No. 5.
- " " H. Mullman " " 12.4.1813, No. 97.
- " te Amsterdam 24.5.1815, (f 9.- aan de Gruyter)
- " Coll. Baron v. Nagel v. Ampsen te den Haag 5.9.1851, No. 40. (f 260.-)
- " " D. Vis Blokhuyzen uit Rotterdam te Parys 1.4.1870. (frs. 7270.-)

Beschr.; H. de Groot " Beschr. u. Kr. Verz. J. Vermeer " pag. 592, No. 11.

A. B. de Vries n^o 32

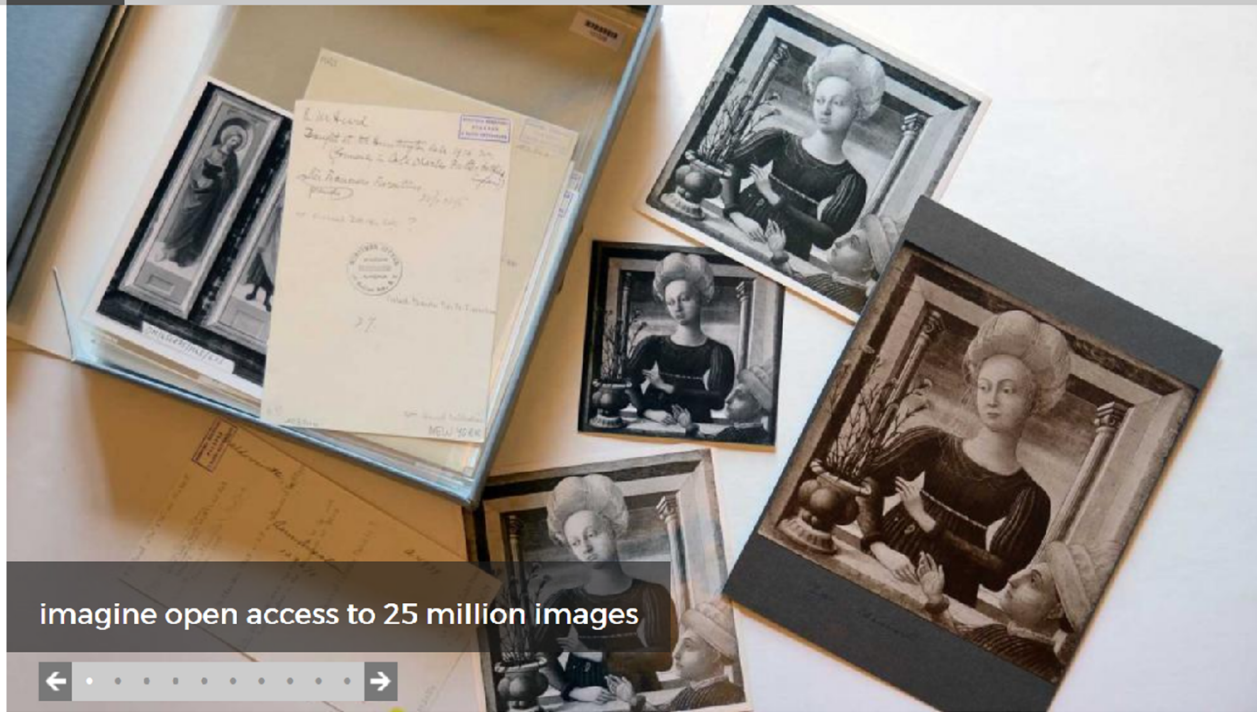


PhotoTech

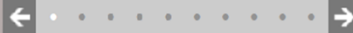


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PhotoTech

ABOUT INSTITUTIONS INITIATIVES **VISUAL SEARCH** NEWS

English ▾

Search

Search 61,051 Artworks and 97,091 Images:

Search

Browse All

Search by Image:

Upload an image to find other similar images.

Upload an Image

Choose File No file chosen

Search by Image

Paste Image URL

http://

Search by Image

Browse by Collection:

[Frick Library Photoarchive](#)

14,985 Artworks, 18,615 Images

[Fondazione Zeri](#)

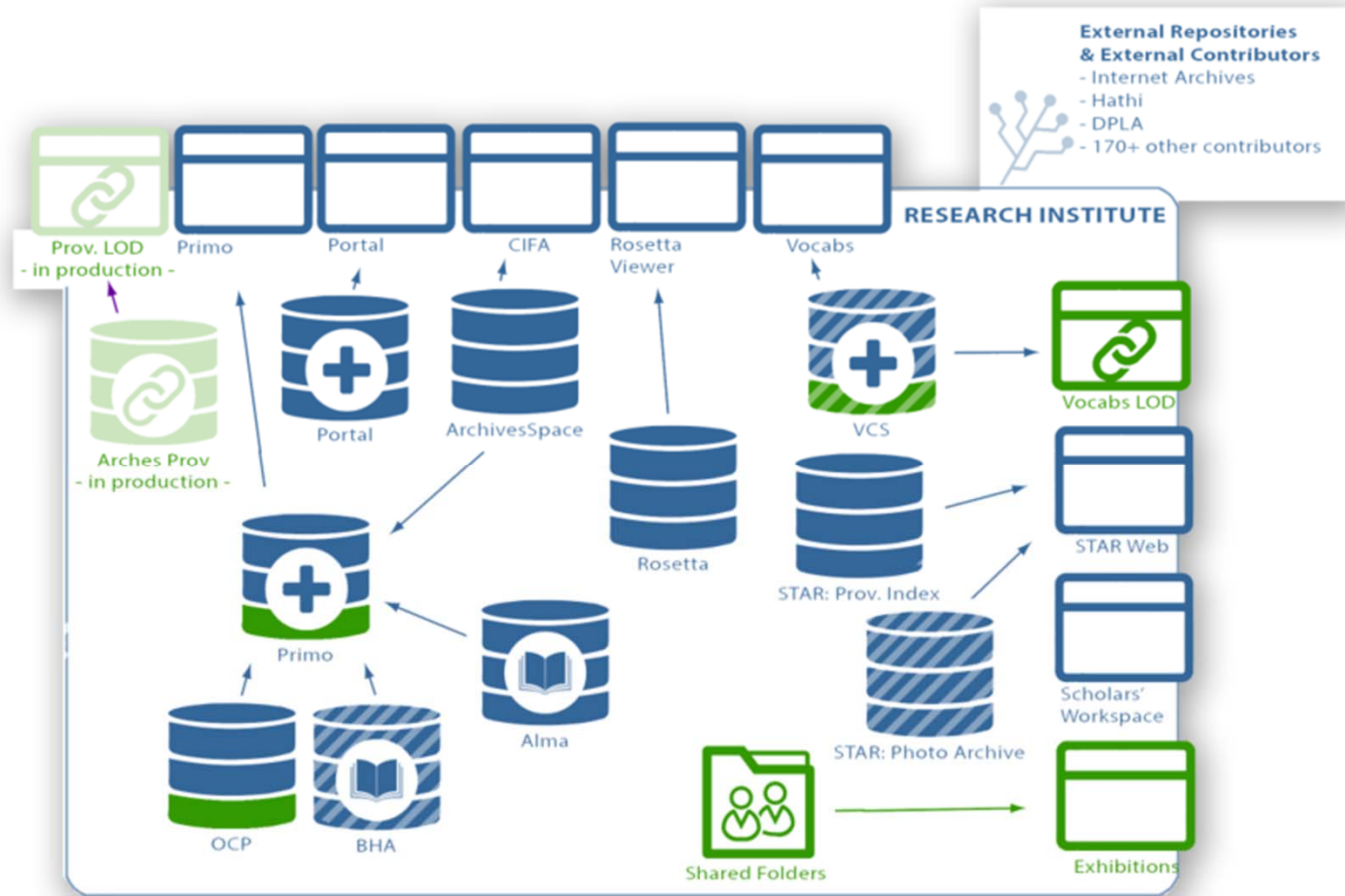
18,987 Artworks, 31,095 Images

[Villa I Tatti](#)

11,480 Artworks, 16,514 Images



GRI Information Systems



Future Directions

- System interoperability
- Data optimization/synchronization
- Discovery
- Presentation
- Re-thinking metrics
- “Metadata on demand”
- Visual search/computer vision
- Automated metadata generation
- Build art domain neural network



promiscuity + exploitation



“If you want to go quickly, go alone.
If you want to go far, go together.”

Thank you!

lpregill@getty.edu
@technelily

