The Getty Vocabularies:
Statistics and Editorial Update
Developments since September 2014

AAT   TGN   ULAN   CONA   IA

International Terminology Working Group Meeting

22 August 2016

Patricia Harpring, Managing Editor, Getty Vocabulary Program

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

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Update of Getty vocabulary activities since the last ITWG meeting

· Published materials update

· Statistics of usage, contributions, editorial

· Issues regarding contributions and editing

· Licensing issues, open data

· A few action items for participants

Publications about the Getty Vocabularies

Conferences, presentations, publications, meetings

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

Introduction to Controlled Vocabularies

Since 2014

- Primer on building & maintaining vocabulary for art information
- Published in a revised edition in 2013
- Including section on Linked Open Data (LOD)
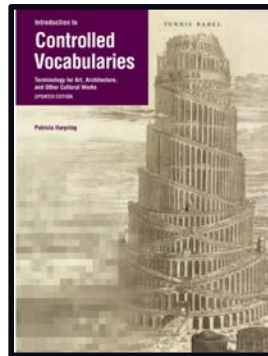
Patricia Harpring
Series edited by Murtha Baca

This primer on the characteristics, scope, uses, and methods for building and maintaining controlled vocabularies for art and cultural materials explains how vocabularies should be integrated in cataloging systems; utilized for indexing and retrieval; and structured to group synonyms and arrange concepts into categories.
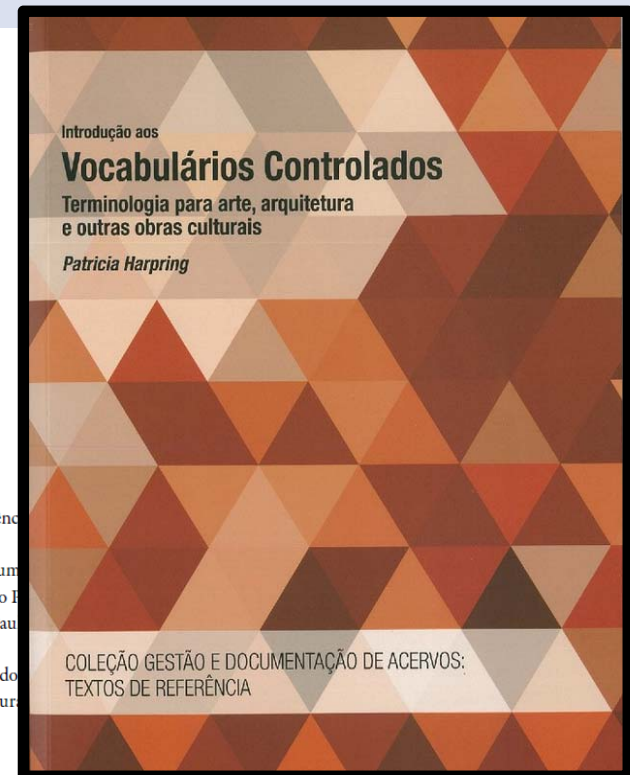
- NEW: Portuguese translation is now available in hardcopy & PDF
- Published by ACAM Portinari.

- Thanks to efforts of many people, including the following:

FICHA TÉCNICA
Coleção gestão e documentação de acervos: textos de referênc
Comissão científica e editorial
Gabriel Moore Forell Bevilacqua (Universidade Federal Flum
Isabel Cristina Ayres da Silva Maringelli (Pinacoteca de São F
Juliana Monteiro (Museu da Imigração do Estado de São Pau
Juliana Rodrigues Alves (Universidade do Porto)
Marcia Aparecida de Mattos (Museu da Imagem e do Som do
Maria Helena Calabrez Lyrio Carneiro (Secretaria da Cultur
Marilúcia Bottallo (Instituto de Arte Contemporânea)
Tayna Rios (Secretaria da Cultura do Estado de São Paulo)

Coordenação e produção editorial
Isabel Cristina Ayres da Silva Maringelli (Pinacoteca de São Paulo)

Tradução
Christina Maria Müller

Introdução aos
Vocabulários Controlados
Terminologia para arte, arquitetura e outras obras culturais
Patricia Harpring

COLEÇÃO GESTÃO E DOCUMENTAÇÃO DE ACERVOS: TEXTOS DE REFERÊNCIA

www.sisemsp.org.br/images/Publicacoes/Vocabularios%20Controlados%20-%20Digital.pdf

Vocabulary Program Web Pages

Training materials and Editorial Guidelines were updated

- Introduction to Controlled Vocabularies: Companion Presentation *(revised 2015)* (PDF, 7 MB, 92pp)
- Overview of the Getty Vocabularies *(revised 2016)* (PDF, 5.8 MB, 103pp)
- Multilinguality and Translating the Getty Vocabularies (PDF, 6.8 MB, 109pp)
- Contributing to the Getty Vocabularies *(revised 2016)* (PDF, 9.9 MB, 190pp)
- Indexing Using the Getty Vocabularies *(revised 201...*
- AAT: Introduction and Overview *(revised 2016)* (PD...
- TGN: Introduction and Overview *(revised 2016)* (PD...
- ULAN: Introduction and Overview *(revised 2016)* (P...
- CONA: Introduction and Overview *(revised 2016)* (...
- Developing Authorities Workshop (PDF, 13 MB, 332p...
- CONA and Subject Access *(revised 2016)* (PDF, 4.5...
- IA: Iconography Authority: Introduction and Overvie... 1.9 MB, 93pp)
- Glossary and Bibliography for Vocabularies (PDF, 219...
- Getty Vocabulary Program: Overview of Our Work (PD...

- Most materials were updated or taken down, in an effort to remain current (further discussion on related topics later)
- Ongoing process
- PDFs posted with one slide per page, users may use the online PDF for training, or print it out

Research Home ▸ Search Tools & Databases ▸ Learn about the Getty Vocabularies ▸ Editorial Guidelines ▸ Cultural Objects Name Authority Online

Cultural Objects Name Authority™ Online

3. Editorial Rules, continued

3   EDITORIAL RULES, CONTINUED

3.3   *Titles and Names* [1]

Included in this chapter

- **Term ID** *(required-default)*[2]
- **Titles/Names** *(required)*
- **Preferred Flag** *(required-default)*
- **Qualifier**

Venues for Getty Vocabularies Discussions   Since 2014

PNC 2016 Annual Conference:
Murtha Baca, keynote, "Are We Using Data Effectively to Connect Users to What They Seek?"
Joan Cobb, "Using the Linked Open Data (LOD) Publications of the Getty Vocabularies to Connect Cultural Heritage Resources"
Rob Sanderson, "Providing Access to Museum Linked Data via International Image Interoperability Framework (IIIF)"

Joan Cobb, "The Journey to Linked Open Data: The Getty Vocabularies," Journal of Library Metadata, 15:3-4, 142-156, DOI: 10.1080/19386389.2015.1103081 http://dx.doi.org/10.1080/19386389.2015.110308

Attended or presented at a number of venues, including the following: Europeana Annual General Meeting, IMLA Sharable Local Authorities Forum, AAC-CRM Reconciliation Workshop, Terminology Symposium The Hague, Museums and the Web 2016 Conference, AAC-Getty CRM Technical Workshops, NISO/NFAIS Virtual Workshop, Workshop on CRM Yale, Digital Humanities 2015 Conference, NISO Virtual Conference: Can't We All Work Together? Interoperability & Systems Integration, Digital Cultural Content Forum (DCCF), American Art Collaborative (AAC)

Gregg Garcia, "Linked Data: Publication, Coreferencing and Usage with the Getty Vocabularies." at "A Semantic Web Symposium – Cultural Heritage at Scale, Vanderbilt University 2-3 June, 2016"
www.getty.edu/research/tools/vocabularies/garcia_linked_data_vanderbilt.pdf
Attended conferences and meetings

Venues for Getty Vocabularies Discussions   Since 2014

Murtha Baca and Patricia Harpring, along with other editors of the CCO, were recipients of the 2015 Nancy DeLaurier Award (NDA), presented by VRA for distinguished achievement in the field of Visual Resources, for *Cataloging Cultural Objects* publication (CCO), a pioneering work in standards for VR and art documentation

Murtha Baca and Patricia Harpring. "The Getty Vocabularies and Standards: Describing, Cataloging, and Accessing Information about Architecture and Architectural Documents." COMMA: International Journal on Archives (2014)

Patricia Harpring and Murtha Baca. "Art Vocabulary: Categorizing Works of Art," in Handbuch Sprache in der Kunstkommunikation [Handbook of Language in Art Communication], Hausendorf, Heiko and Marcus Müller, eds. Berlin: De Gruyter Mouton, 2016

Murtha Baca [to be added]

David Farneth, steering committees for BWR (Built Works Registry) and VIAF (Virtual International Authority File)

Presented on Vocabs in the context of unifying access to collections in libraries, archives, and museums at CIDOC annual conference, New Delhi, September 2015 and IFLA Rare Books and Special Collections conference, Lisbon, February 2016

Venues for Getty Vocabularies Discussions

Since 2014

Antonio Beecroft, Robin Johnson, Jon Ward attended the following conferences:
College Art Association (CAA) Annual Conferences
Society of American Archivists Annual Meetings
Art Libraries Society of North America (ARLIS/NA) Annual Conferences
Visual Resources Association (VRA) Annual Conferences
American Library Association (ALA) Annual Conferences

Jon Ward, "The Art and Architecture Thesaurus: Overview, Fundamentals, and Structure," at Constructing a Multilingual Database in the Humanities: Keyword and Concept Structures for the Project Early Chinese Periodicals Online (ECPO), 2014, Toronto

"LOD and the Getty Vocabularies," at Session: Linked Open Data: Interconnectivity Amplified, ARLIS/NA Conference March 21-23, 2015

Patricia Harpring, *Guidelines for Multilingual Equivalency Work [in depth instruction and discussion of translating, focusing on the AAT; a rewriting of a publication from the 1990s]*
www.getty.edu/research/tools/vocabularies/guidelines/aat_4_4_appendix_d_contributors.html#4_4_2

various presentations, updated dozens of online training materials, brochures, and editorial guidelines

Editors' IRIS blogs: Jonathan Ward

http://blogs.getty.edu/iris/traveling-the-silk-road-by-database/

Traveling the Silk Road—By Database

Researchers can explore the Silk Road the 21st-century way—via the Getty Thesaurus of Geographic Names, which lists hundreds of thousands of places significant in art and cultural history

The loose group of ancient trade routes known today as the Silk Road ran from eastern China to the Mediterranean and greatly affected everything in its way—from commerce to the arts, from technology to religion.

The Silk Road passed through numerous countries and destination points. It skirted mountain ranges, branched into sub-routes, and turned cities into hubs of activity. Many of these cities still exist today, sometimes under modern names, while some remain only as ruins. The Road has been on our mind this spring as the Getty prepares for the exhibition Cave Temples at Dunhuang: Buddhist Art on China's Silk Road. The show focuses on Dunhuang, an important site along the Silk Road.

The Getty Thesaurus of Geographic Names (TGN), maintained at the Getty Research Institute, is a resource in discovery and access for information about these places and many thousands more. TGN can be searched online, built into collection management systems, used in retrieval mechanisms, and even linked to GIS (Global Information Systems) and maps through Linked

Editors' IRIS blogs: Robin Johnson

http://blogs.getty.edu/iris/exploring-the-tapestry-artists-of-louis-xiv/

Exploring the Tapestry Artists of Louis XIV

Through the Getty's ULAN database, you can trace the careers and relationships of the "dream weavers" of 17th-century France

Although two centuries apart, J. Paul Getty and Louis XIV were certainly kindred spirits. Both were rich and powerful, both had lavish residences, and both had huge repositories of art amassed with an obsessive passion for all things beautiful. And what began as collecting ultimately turned to supporting the arts, as we see in the legacy both of Versailles and of the Getty Center and Getty Villa.

One of the highlights of the Getty Museum's decorative arts collection is its exquisite tapestries, some of which were owned first by Louis, and then later acquired by Getty. The finest and most sought-after of these were created by the Gobelins Manufactory in Paris. When Louis shifted from collector of old tapestries to patron of new ones, he set his sights on making the original Gobelins factory, established by Francis I, into an "art super factory." With additional land purchased by Louis's minister of finances, Jean-Baptiste Colbert, and under the artistic supervision of royal painter Charles Le Brun, who served as director and chief designer from 1663 to 1690, the Gobelins had many departments and workshops dedicated to different aspects of furniture and tapestry making.

Editors' IRIS blogs: Antonio Beecroft

http://blogs.getty.edu/iris/pataphysical-metadata-and-alfred-jarrys-web-of-influence/

PATAPHYSICAL METADATA AND ALFRED JARRY'S WEB OF INFLUENCE

PATAPHYSICS—"THE SCIENCE OF IMAGINARY SOLUTIONS"—LINKS LEONARDO DA VINCI, MARCEL DUCHAMP, AND THE MARX BROTHERS IN A SPIRAL OF AFFINITIES SPAWNED BY ALFRED JARRY

The Getty Research Institute's Art and Architecture Thesaurus (AAT) is focused on the terminology of the fine arts, but it is also equipped to encompass all of human knowledge and experience. Part of the Getty Vocabularies, the AAT continuously expands, growing through submissions from a variety of contributors, including the Getty's own archivists. While processing the Juan Fassio Pataphysique Collection, one such archivist encountered the term pataphysics and suggested adding it to the thesaurus.

The collection, compiled by the Argentine Juan Esteban Fassio, contains materials related to a society known as the Collège de 'Pataphysique, which was founded in Paris in 1948. It included figures "so prominent in their professions as to reveal the omnipresence of 'Pataphysics in the innermost offices and conference rooms of our civilization," as Roger Shattuck wrote in his introduction to a 1960 issue of the *Evergreen Review* devoted to the pataphysical. Man Ray, Max Ernst, Jean Dubuffet, Umberto Eco, and yes, the Marx Brothers were all associates of the Collège.

Statistics re. Getty Vocabularies

Usage, contributions, editorial work completed

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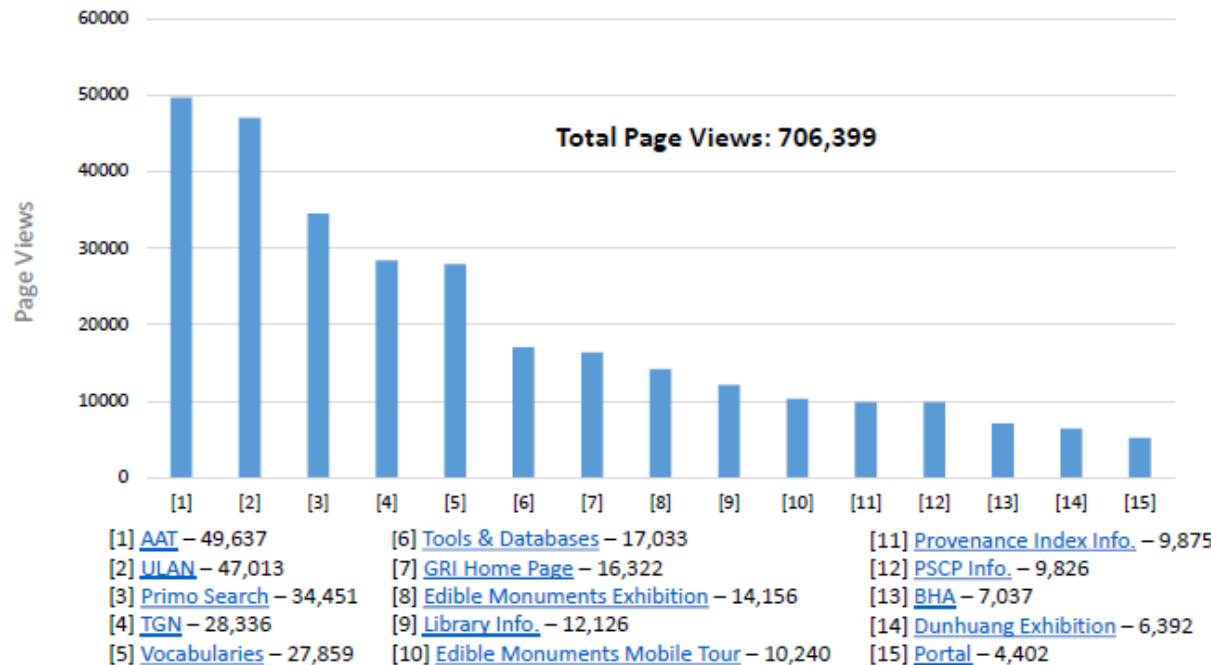
Recent Activities: In Brief   Sept. 2014-July 2016

❖ Primary activity of the Vocabulary program has been to process contributions and maintain the databases

❖ **LOD:** Mapping and harmonizing for LOD; CRM mappings

❖ **AAT:** Consultation for ongoing German and Dutch translation; some questions regarding Chinese and Spanish. Loads of Chinese, German, and Dutch terms.

❖ Continuing processing of terms from GCI and outside other contributors

❖ **TGN:** Loading and processing of several nations, NGA/NIMA; Maya and other sites

❖ **ULAN:** Loading of Provenance owners, processing other contributors

❖ **CONA:** Processing of contributions; major editorial decisions to accommodate real data; mapping to CRM

❖ **IA**: Processing of contributions, stub records edited and links created

❖ **Outreach:** Publishing and presenting in various venues

Sample usage of online search   FY16Q3

GRI Website: Top 15 Pages

Total Page Views: 706,399

Page Views (y-axis): 0, 10000, 20000, 30000, 40000, 50000, 60000

Bars: [1], [2], [3], [4], [5], [6], [7], [8], [9], [10], [11], [12], [13], [14], [15]

[1] AAT – 49,637
[2] ULAN – 47,013
[3] Primo Search – 34,451
[4] TGN – 28,336
[5] Vocabularies – 27,859
[6] Tools & Databases – 17,033
[7] GRI Home Page – 16,322
[8] Edible Monuments Exhibition – 14,156
[9] Library Info. – 12,126
[10] Edible Monuments Mobile Tour – 10,240
[11] Provenance Index Info. – 9,875
[12] PSCP Info. – 9,826
[13] BHA – 7,037
[14] Dunhuang Exhibition – 6,392
[15] Portal – 4,402

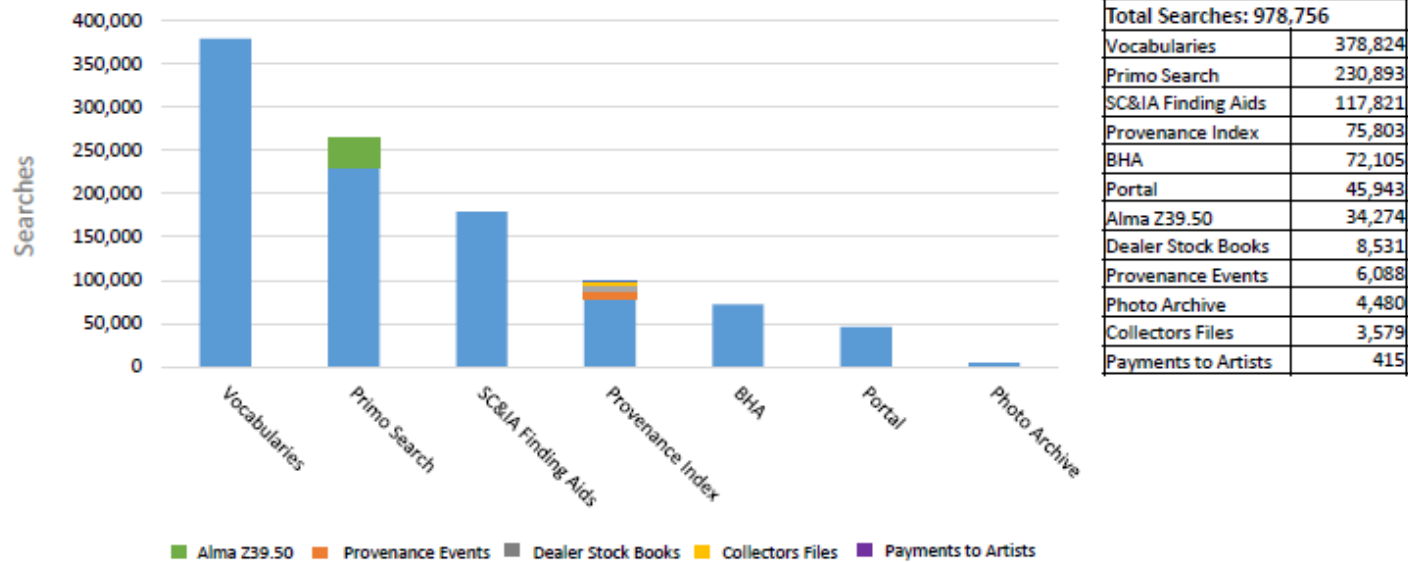**ITWG meeting: Getty Vocabularies Editorial Update**   22 August 2016

- Getty vocabularies are always among the highest used resources at the GRI
- NB: Data is available in collections management systems, other sites, and in LOD

Sample usage of online search   FY16Q3
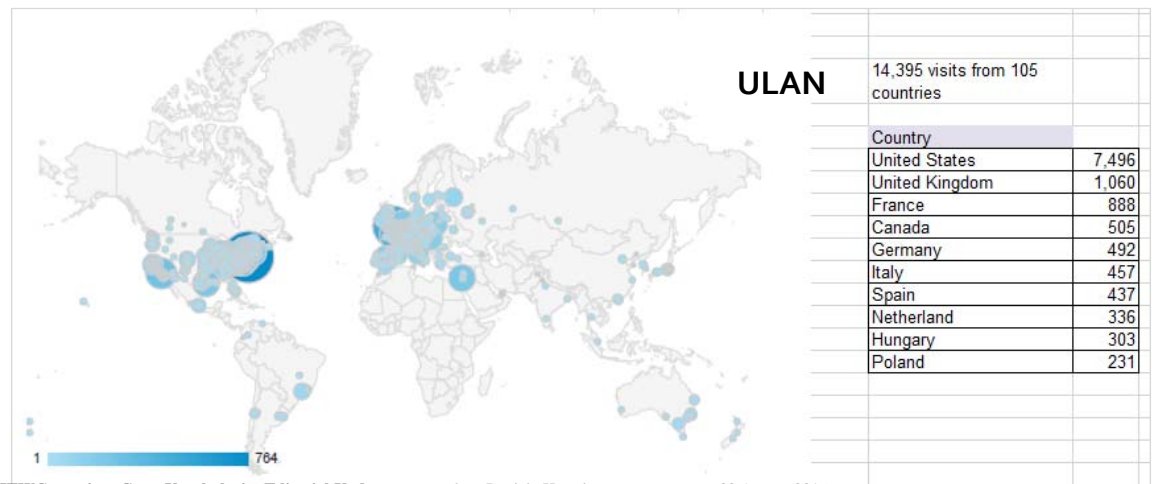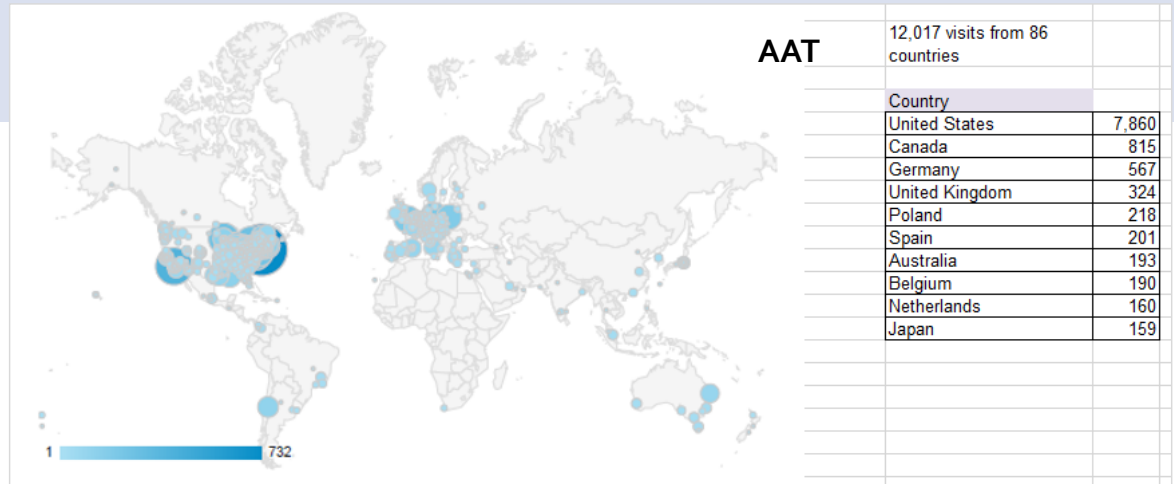

GRI Databases: Total Searches

Total Searches: 978,756	
Vocabularies	378,824
Primo Search	230,893
SC&IA Finding Aids	117,821
Provenance Index	75,803
BHA	72,105
Portal	45,943
Alma Z39.50	34,274
Dealer Stock Books	8,531
Provenance Events	6,088
Photo Archive	4,480
Collectors Files	3,579
Payments to Artists	415

Legend: Alma Z39.50 ▪ Provenance Events ▪ Dealer Stock Books ▪ Collectors Files ▪ Payments to Artists

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Sample
statistics
for online
search

March 2016

AAT

12,017 visits from 86 countries	
Country	
United States	7,860
Canada	815
Germany	567
United Kingdom	324
Poland	218
Spain	201
Australia	193
Belgium	190
Netherlands	160
Japan	159

1   732

ULAN

14,395 visits from 105 countries	
Country	
United States	7,496
United Kingdom	1,060
France	888
Canada	505
Germany	492
Italy	457
Spain	437
Netherland	336
Hungary	303
Poland	231

1   764

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Sample
statistics
for online
search

March 2016

TGN

6,384 visits from 71 countries

Country	
United States	3,376
United Kingdom	447
Spain	394
Canada	339
Germany	293
Australia	256
Switzerland	183
Italy	171
Netherlands	140
France	90

1   338
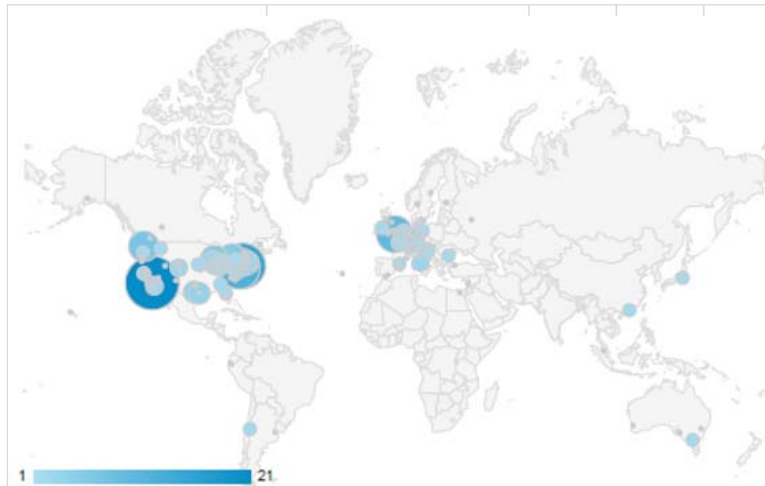
CONA

302 visits from 31 countries

Country	
United States	189
Germany	18
United Kingdom	16
Canada	10
France	7
Switzerland	6
Spain	6
Italy	6
Australia	5
Belgium	5
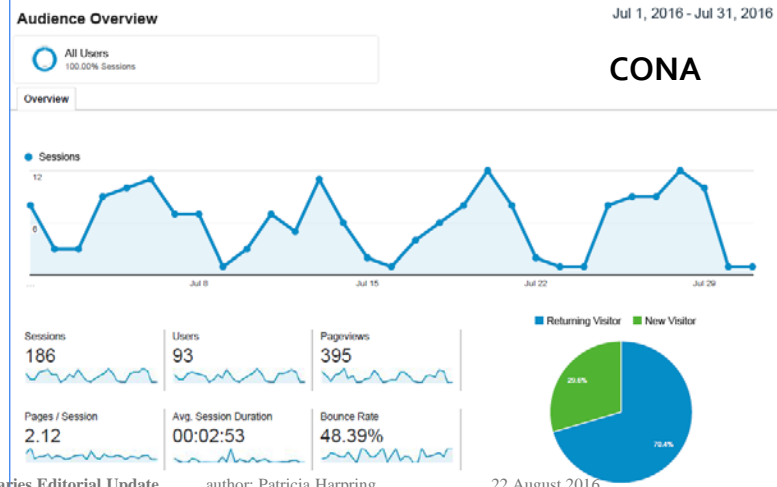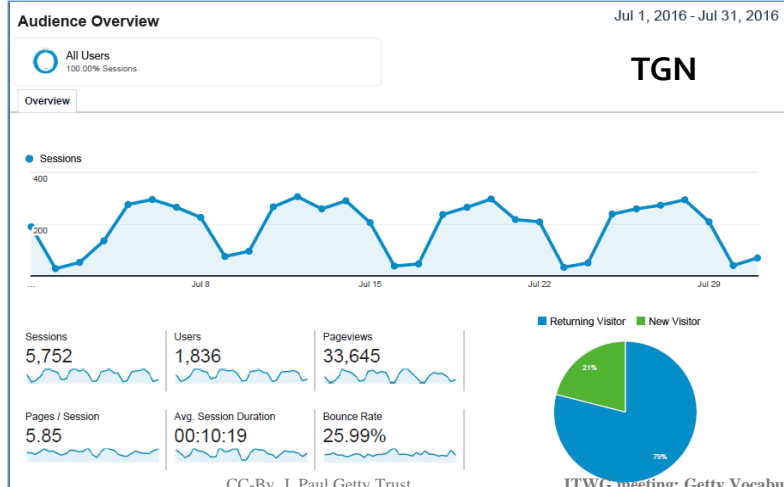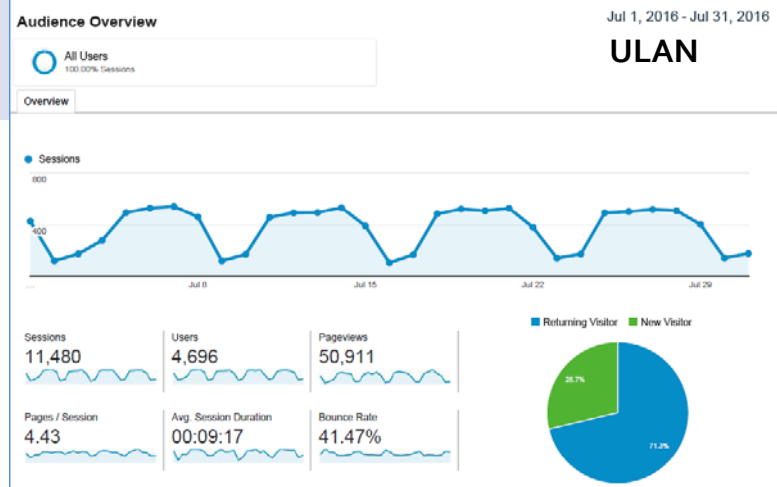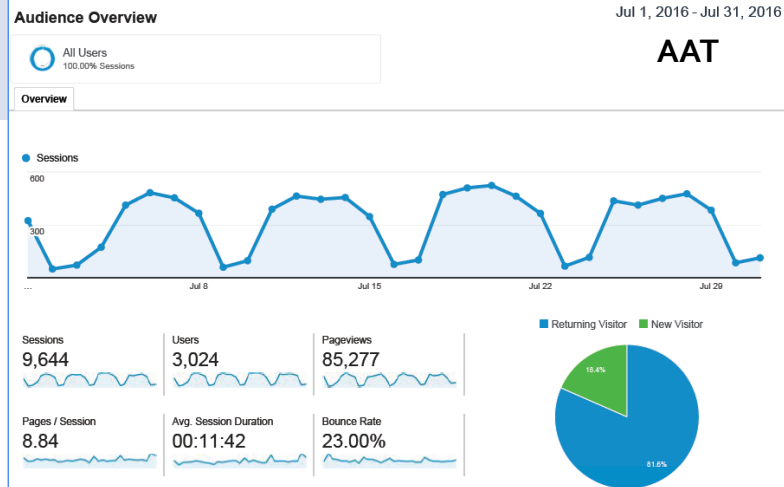
1   21

* CONA has only
limited online
searching: by title

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LOD stats

Sample
statistics
for LOD use

July 2016

Summary

Reported period	Month Jul 2016
First visit	01 Jul 2016 - 00:00
Last visit	31 Jul 2016 - 23:59

	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Viewed traffic *	5,212	18,893 (3.62 visits/visitor)	1,116,726 (59.1 Pages/Visit)	1,216,213 (64.37 Hits/Visit)	74.43 GB (4131.1 KB/Visit)
Not viewed traffic *			329,275	347,065	42.35 MB

* Not viewed traffic includes traffic generated by robots, worms, or replies with special HTTP status codes.

Jan 2016 Feb 2016 Mar 2016 Apr 2016 May 2016 Jun 2016 Jul 2016 Aug 2016 Sep 2016 Oct 2016 Nov 2016 Dec 2016

Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Jan 2016	3,722	9,915	528,138	638,151	46.43 GB
Feb 2016	4,332	11,756	902,630	1,071,920	73.83 GB
Mar 2016	4,186	12,603	963,223	1,114,994	61.31 GB
Apr 2016	4,208	12,361	1,164,339	1,298,024	119.93 GB
May 2016	4,238	12,752	1,045,563	1,165,744	80.85 GB
Jun 2016	5,096	19,341	1,428,427	1,555,192	92.49 GB
Jul 2016	5,212	18,893	1,116,726	1,216,213	74.43 GB
Aug 2016	0	0	0	0	0
Sep 2016	0	0	0	0	0
Oct 2016	0	0	0	0	0
Nov 2016	0	0	0	0	0
Dec 2016	0	0	0	0	0
Total	30,994	97,621	7,149,046	8,060,238	549.26 GB

LOD stats

Sample
statistics
for LOD use

July 2016

File type

	File type		Hits	Percent	Bandwidth	Percent
	Unknown		919,991	75.6 %	58.43 GB	78.5 %
-	json		147,855	12.1 %	1.32 GB	1.7 %
	php	Dynamic PHP Script file	47,893	3.9 %	1.98 GB	2.6 %
	js	JavaScript file	43,935	3.6 %	792.51 MB	1 %
	css	Cascading Style Sheet file	34,957	2.8 %	382.66 MB	0.5 %
	png	Image	13,404	1.1 %	271.88 MB	0.3 %
	gif	Image	2,893	0.2 %	4.02 MB	0 %
	xml	HTML or XML static page	2,769	0.2 %	101.69 MB	0.1 %
	csv	Comma Separated Value file	1,083	0 %	36.70 MB	0 %
-	woff		444	0 %	1.37 MB	0 %
	jpg	Image	341	0 %	74.22 MB	0 %
-	rdf		301	0 %	302.65 MB	0.3 %
-	ttl		119	0 %	19.57 MB	0 %
	pdf	Adobe Acrobat file	65	0 %	204.66 MB	0.2 %
-	eot		61	0 %	1.40 MB	0 %
	zip	Archive	32	0 %	10.51 GB	14.1 %
-	xlsx		30	0 %	909.45 KB	0 %
	ttf	TrueType scalable font file	8	0 %	210.09 KB	0 %

LOD stats

Sample statistics for LOD use

July 2016

Downloads (Top 10) - Full list

Downloads: 8	Hits	206 Hits	Bandwidth	Average size
/sparql.csv	1,083	0	36.70 MB	34.70 KB
/doc/gvp-lod.pdf	41	91	203.35 MB	1.54 MB
/doc/assoc-rels-matrix.pdf	20	0	1.30 MB	66.79 KB
/dataset/aat/full.zip	15	0	2.14 GB	145.95 MB
/dataset/aat/explicit.zip	6	0	509.31 MB	84.89 MB
/dataset/ulan/full.zip	4	0	1.33 GB	340.46 MB
/dataset/ulan/explicit.zip	4	0	840.18 MB	210.04 MB
/dataset/tgn/full.zip	3	0	5.72 GB	1.91 GB

Pages-URL (Top 10) - Full list - Entry - Exit

55,078 different pages-url	Viewed	Average size	Entry	Exit
/download/rdf	343,721	6.49 KB	734	942
/download/json	317,644	164.91 KB	692	723
/sparql.json	147,855	9.39 KB	665	456
/sparql	106,010	27.07 KB	3,627	3,706
/resource/getty/search	45,880	10.78 KB	49	132
/	45,423	25.24 KB	1,047	872
/resource	7,372	17.82 KB	941	1,078
/aat	5,220	51.90 KB	110	102
/download/jsonld	2,347	13.62 KB	265	264
/download/nt	2,192	21.88 KB	213	236
Others	93,062	43.76 KB	10,550	10,357

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LOD stats

Sample
statistics
for LOD use

July 2016

Visitors domains/countries (Top 10) - Full list

	Domains/Countries		Pages	Hits	Bandwidth
	USA Educational	edu	581,357	593,480	48.26 GB
?	Unknown	ip	252,262	278,262	5.51 GB
	Commercial	com	247,149	254,404	13.58 GB
	Network	net	13,498	33,440	1.26 GB
	Germany	de	8,133	15,864	1.08 GB
	Ireland	ie	3,250	6,332	11.99 MB
	Austria	at	2,655	3,603	36.98 MB
	British Indian Ocean Territory	io	985	1,037	26.99 MB
	United Kingdom	uk	954	1,968	109.39 MB
	Non-Profit Organizations	org	850	6,196	2.43 GB
	Others		5633	21627	2.13 GB

Total records and Non-Candidates (published records)
July 2016

Total number

	records/terms	published records
AAT:	57,720 / 356,718 --	43, 051
ULAN:	262,214 / 680,275 --	241,905
TGN:	2,518,048 / 4,064,167	2, 493, 664
CONA:	6,224 / 12,270 --	4,969
IA:	1,192 / 2,511	

Published AAT records by facet

Associated Concepts Facet - 3982
Styles and Periods Facet - 5376
Agents Facet - 4073
Activities Facet - 3667
Materials Facet - 4412
Objects Facet - 19777
Brand Names Facet - 66
Physical Attributes Facet - 1709

Selected Examples of Issues

Contributions, harmonizing, editing

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Editorial work September 2016 – July 2016

Number of Records Edited by Vocabulary Editors
(not counting "sysadm" or loader) since Sept 2014

AAT: 8,271
ULAN: 21,713
TGN: 486,117
CONA: 5,412

- (Currently, no IA revision history)

Total: 521,513 (edited/created subject records)

(Total: 9,893 (edited/created citations))

- Editors have quotas of records to be done; varies depending upon the complexity and time requirements for the task at hand

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AAT Editorial Work

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

Total records and Candidates   July 2016

AAT

Total number records/terms

AAT: 577,20 / 356,718

ULAN: 262,214 / 680,275

TGN: 2,518,048 / 4,064,167

CONA: 6,224 / 12,270

IA: 1,192 / 2,511

AAT -Total number of records remaining with CANDIDATE STATUS by Contributor	
BHA	3
CCA	2
CDBP-DIBAM	192
CHIN	16
GCI	14
GRISC	12
ICCD	11677
IfM-SMB-PK	5
JPGM	1
RKD, AAT-Ned	86
Suzzallo-UW	5
VP	2883
WordImage-V&A	1

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Records loaded   AAT   July 2014 – July 2016

Oct-14	IfM-SMB-PK	German terms	2200
Jan-15	AS	Chinese terms	4774
May-15	RKD, AAT-Ned	Dutch Terms	2989
Jul-16	IfM-SMB-PK	German terms	5298

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Sample Issues   AAT   July 2014 – July 2016

Records edited: 8,271

- Processing contributions Chinese, Dutch, German, changes requested by translating projects, terms from GCI, miscellaneous requests from users, harmonization due to LOD controlled lists

Issue: Non-synonymous UFs in new contributions and in legacy data

- Contributions related to materials, scientific techniques; if the issue must be resolved by Vocabulary Program editors, it can be very time-consuming.
- Better to have the experts understand the issues and make separate records

  300404757   wavelength-dispersive x-ray fluorescence

  Suggested UF was wavelength dispersive spectroscopy, not synonym

  Multiple terms used to describe a process in different sources, but that doesn't mean they are synonyms. A painting can be described as "watercolor" and "landscape," but watercolor and landscape are not synonyms

Issue: loan term vs. translation N/A, when translator uses the English for target language term
- Loan term is found in literature in the target language
- Translation N/A means the translating project decides to use the English, but there is not literary warrant

Issue: In SNs, concepts are not defined broadly enough.
- Do not incorrectly limit the description too narrowly.

- For example, for *acroliths*, "Ancient Greek sculptures in which the extremities are made of stone and the torso is made of another material, **usually** wood." Not "....sculptures made of stone and wood."

- For *ammonia water*, "Colorless liquid solution of ammonium hydroxide in water, used as a **solvent and for other purposes** including the following: ..." Not "Solvent made of ammonium hydroxide in water..."

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Issue: Translators' questions about overlapping meaning in SNs may help us refine and correct existing AAT records.

- Based on the SNs, translator may think that in the target language there is only one equivalent for two existing AAT terms.
- Solution: Translator can make homographic terms with qualifiers
- Or, when warranted, the Vocabulary Program will refine existing SNs to better disambiguate the concepts.

greenhouses   300004938
Structures enclosed by glass and devoted to the cultivation and protection of plants out of season, usually free-standing but may be attached to another building. Greenhouses may be small or very large. For rooms attached to houses and used as sun rooms or for growing indoor plants, prefer "conservatories."

conservatories (building spaces)   300004415
In current usage, attached rooms in dwellings or other buildings, having glass wall panels and roofs, often constructed on the back or side of the building and used as a sun room or for growing indoor plants. Usage overlaps with "solariums," which are typically rooms with large windows. In historical usage, meaning overlaps with "greenhouses," which are often larger glazed structures devoted to growing and displaying plants.

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

ULAN Editorial Work

ITWG meeting: Getty Vocabularies Editorial Update author: Patricia Harpring 22 August 2016

Total records and Candidates   July 2016

ULAN

Total number records/terms

AAT: 577,20 / 356,718

ULAN: 262,214 / 680,275

TGN: 2,518,048 / 4,064,167

CONA: 6,224 / 12,270

IA: 1,192 / 2,511

ULAN -Total number of records remaining with CANDIDATE STATUS by Contributor	
ARTstor	32
AVERY	2352
BHA	18
CCA	1
CL-Courtauld	1202
FAL-IU	7
GRISC	1975
GRL	267
GRLPSC	58
Grove Art	31
JPGM	40
PROV	10602
VP	2781
WCI	16
WCP	17
WL-Courtauld	3524

Records loaded   ULAN   July 2014 – July 2016

Sep-15	Provenance Index	owners	12,008
Sep-15	Provenance Index	artists	2,439
Dec-15	l'Institut national d'histoire de l'art (Paris, France)	artists	54
Dec-15	San Diego Museum of Man	artists	1
Feb-16	l'Institut national d'histoire de l'art (Paris, France)	artists	111
Apr-16	l'Institut national d'histoire de l'art (Paris, France)	artists	26

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Sample Issues ULAN July 2014 – July 2016

Records edited 21,713

Processed contributions, loaded and entered by hand from JPGM, GCI, Pinacoteca do Estado de São Paulo (PESP), INHA = French and Italian names for vase painters, Architecture and Allied Arts Library and Digital Scholarship Center, University of Oregon (A&AAL-UO) = American artists

Semantic View (JSON, JSONLD, RDF, N3/Turtle, N-Triples)
ID: 500080170   **Record Type: Person**

Abramo, Livio (Brazilian printmaker and teacher, 1902-1992)

Note: Livio began as a self-taught artist in engraving. Through German Expressionism, he became familiar with the woodcut. His production themes vary between phases. At the beginning, there are figurative peasants, hinterland landscapes, and social problems. Later there is more of a concentration on balancing the composition of shapes.

Names:
Abramo, Livio (**preferred**,V,index)
Livio Abramo (V,display)
Abramo, Lívio (V)
Lívio Abramo (V)

Additional Notes:
Portuguese ..... Iniciou a produção artística autodidata em gravações. Em contato com o expressionismo alemão, iniciou a xilogravura. Os temas presentes em sua produção variam entre duas fases: na primeira, há figuração de camponeses, paisagens do sertão e problemas sociais; na segunda, uma aproximação com a arte clássica pela composição equilibrada das formas.

- ULAN becoming more multilingual, SNs

Issue: Contributions contain multiple entities, match to two ULAN records
- Time-consuming processing, non-preferred, non-synonymous names must be deleted and added to a separate record ; <u>the term_id is not retained</u>

Terms/Names

#	P	H	V	Terms/Names	Display Dt	Start Dt	End Dt	Term ID	Disp Nm	AACR2 Fl
1	P	NA	U	Catlin, Daniel, Mr. and Mrs. (Justina G.)				1500831997	Index	N/A
2	V	NA	U	Daniel Catlin Mr. and Mrs. (Justina G.)				1500848784	Yes	N/A
3	V	NA	U	Catlin, Daniel, Mr. and Mrs.				1500831998	N/A	N/A
4	V	NA	U	Catlin, Daniel, Mrs.				1500831999	N/A	N/A

Terms/Names

#	P	H	V	Terms/Names	Dis...
1	P	NA	U	Barbarigo collection	
2	V	NA	U	Barbarigo dalla Terrazza family	
3	V	NA	U	Barbarigo di San Polo family	
4	V	NA	U	Barbarigo family	

Term Contrib(s) P		Language(s)	Code	P	Term Type	Qualifier
PROV	P	undetermined	70001	P	N/A	

Terms/Names

#	P	H	V	Terms/Names	Display Dt	Start Dt
1	P	NA	V	Barbarigo family		
2	V	NA	U	Barbarigo		

Term Contrib(s) P		Language(s)	Code	P	Term Type	Qualifier	Term Source(s)
VP	P	undetermined	70001	N	N/A		Getty Vocabulary Pr

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What it did look like

Knoedler Gallery, London	Knoedler Gallery, London	British art gallery, London, contemporary	P	500
	Knoedler Gallery	British art gallery, London, contemporary	V	500
Knoedler's	m knoedler & co	British owner	V	500
	M. Knoedler & Co.	British owner	V	500
	m knoedler & co.	British owner	V	500
	m knoedler & Co. London	British owner	V	500
	m knoedler & co paris	British owner	V	500
	M Knoedler & Co. Paris	British owner	V	500
	m. knoedler & co. Paris	British owner	V	500
	M. Knoedler & Co Paris	British owner	V	500
	m knoedler london	British owner	V	500
	m knoedler paris	British owner	V	500
M. Knoedler & Cie.	M. Knoedler & Cie.	French art gallery, Paris, contemporary	P	500
M. Knoedler & Co.	M. Knoedler & Co.	American art dealers, gallery, New York Cit	P	500
	Knoedler Galleries	American art dealers, gallery, New York Cit	V	500
	Knoedler Gallery	A		
	M. Knoedler and Co.	A		
	M. Knoedler and Company	A		
	M. Knoedler and Company, Ir	A		
M. Knoedler Z$04urich AG	M. Knoedler Z$04urich AG	S		

- Causes problems when automatically merged
- In this example, Knoedler records were carefully vetted and researched; ruined by the auto-merge

What it should look like

Preferred Name	Name	Biography		Pref Subj
Knoedler Gallery, London	Knoedler Gallery, London	British art gallery, London, contemporary	P	5002
	Knoedler Gallery	British art gallery, London, contemporary	V	5002
	M. Knoedler & Co., London	British art gallery, London, contemporary	V	5002
M. Knoedler & Cie.	M. Knoedler & Cie.	French art gallery, Paris, contemporary	P	5003
	M. Knoedler & Co., Paris	French art gallery, Paris, contemporary	V	5003
M. Knoedler & Co.	M. Knoedler & Co.	American art dealers, gallery, New York Cit	P	5003
	Knoedler and Co.	American art dealers, gallery, New York Cit	V	5003
	Knoedler & Co.	American art dealers, gallery, New York Cit	V	5003
	Knoedler Gallery	American art dealers, gallery, New York Cit	V	5003
	M. Knoedler and Co.	American art dealers, gallery, New York Cit	V	5003
M. Knoedler Z$04urich AG	M. Knoedler Z$04urich AG	Swiss art gallery, Zurich, contemporary	P	5003

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TGN Editorial Work

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

Total records and Candidates   July 2016

TGN

Total number records/terms

AAT: 577,20 / 356,718

ULAN: 262,214 / 680,275

TGN: 2,518,048 / 4,064,167

CONA: 6,224 / 12,270

IA: 1,192 / 2,511

TGN -Total number of records remaining with CANDIDATE STATUS by Contributor	
BHA	242
FDA	66
GRLPSC	42
JPGM	16
VP	23917

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Records loaded   TGN   July 2014 – July 2016

Mar-15	NGA (NIMA)	France	73,426
Aug-15	NGA (NIMA)	Portugal	23,725
Aug-15	NGA (NIMA)	Turkey	71,725
Sep-15	NGA (NIMA)	Australia	107,074
Oct-15	NGA (NIMA)	Ireland	23,908
Oct-15	NGA (NIMA)	Cyprus	6,524
Oct-15	NGA (NIMA)	Dhekelia	44
Nov-15	NGA (NIMA)	Pakistan	158,027
Feb-16	NGA (NIMA)	China	636,995

Sample Issues　　　　TGN　　　　July 2014 – July 2016

Records edited 486,117

Processed loaded contributions, from GCI, NRW (Akademie der Wissenschaften und der Institut für Archäologie und Kulturanthropologie. Abteilung für Altamerikanistik, Bonn = over 200 Mayan sites, others

Silk Road: To coincide with the Mogao Caves exhibit, made rich example for the Silk Road **–** 99 Associative Relationships total, with "is location of" relationship

Issue: Determining whether a historical name or ancient site is the same as a modern inhabited place

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CONA Editorial Work

ITWG meeting: Getty Vocabularies Editorial Update author: Patricia Harpring 22 August 2016

Total records and
Candidates   July 2016

Total number records/terms

AAT: 577,20 / 356,718

ULAN: 262,214 / 680,275

TGN: 2,518,048 / 4,064,167

CONA: 6,224 / 12,270

IA: 1,192 / 2,511

CONA -Total number of records remaining with CANDIDATE STATUS by Contributor	
AS-Academia	2
GRISC	930
JPGM	62
TePapa	2
VP	1982

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

Sample Issues   CONA   July 2014 – July 2016

Records edited 5,412

Processing contributions backlogged, examples for LOD linking,
working out editorial issues for all types of works

CONA will be discussed in detail tomorrow

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IA Editorial Work

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

Sample Issues   IA   July 2014 – July 2016

Processing of contributions that had been backlogged, primarily
loaded through CONA contributions

Generally minimal "stub" records requiring research

IA will be discussed in detail tomorrow

Licensing Issues

Release formats, conditions of licensing

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

Licensing and formats

- LOD is released under **Open Data Commons Attribution License (ODC-By) 1.0**

- Other release formats include
  - Relational Tables and XML annually
  - APIs refreshed every month

- These are formats we may discontinue in the future In the meantime, Relational Tables and XML will be released under **ODC-By,** pending approval by counsel

- Issues to must be resolved regarding active licensees

active licenses:
AAT: 46
TGN: 28
ULAN: 24

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Action Items for You

Partial list: Presentations to post, LOD implementations

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Documentation of the ITWG Meetings

- Please send us your PPTs from ITWG meeting as PDFs

- Question: On our Web site, how many PPTs should we keep for past ITWG meetings?

  - One point of view: Most past PPTs have to do with ongoing projects that progress over time. If we keep past years' PPTs on our public site, users would be confused about out of date information.
  - Another point of view: We should keep historical account of the full ITWG project.

- Possible solution: On the public page, keep PPTs from the most recent ITWG meeting and the immediately preceding ITWG meeting (e.g., for the Dresden meeting and the current meeting)
  - PPTs from earlier years could be available on our Wiki rather than public page

Documentation of the ITWG Meetings

International Terminology Working Group meeting
The ITWG most recently met in Dresden in September 2014, concurrent with the CIDOC conference, and in August 2016 at the Getty Center. Topics included progress on translations of the AAT, technical issues concerning keeping the versions of AAT in sync, Linked Open Data, and other topics. The most up-to-date presentations are included below.

- Agenda and List of Participants 2014 (PDF, 609 KB, 5pp)
- Getty Vocabulary Program Update, Harpring, 2014 (PDF, 4.8MB, 106pp)
- Getty Vocabularies Technical Update, Cobb, 2014 (PDF, 2.5 MB, 30pp)
- Getty Vocabularies Technical Update, Garcia, 2014 (PDF, 1.1 MB, 20pp)
- Getty Vocabularies, LOD, Alexiev, 2014 (PDF, 3.1 MB, 50pp)
- Report on CONA and the Getty Iconography Authority (IA), Harpring, 2016 (PDF, 6.1MB, 129pp)
- Spanish translation update and regional thesauri, Centro de Documentacion de Bienes Patrimoniales (Santiago, Chile) (DIBAM), 2014 (PDF, 1.1 MB, 18pp)
- Dutch translation update, Netherlands Institute for Art History (RKD), 2014 (PDF, 3.7 MB, 31pp)
- Chinese translation update, Academia Sinica (Taiwan), 2014 (PDF, 8.2 MB, 39pp)

Implementations of LOD Data

- In order to explain to management why the LOD data releases are so important, we need to have examples of implementations

- Please let us know of any remarkable implementations of LOD

ITWG meeting: Getty Vocabularies Editorial Update   author: Patricia Harpring   22 August 2016

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