GETTY VOCABULARY PROGRAM: STATISTICS AND ISSUES

ITWG: August 2017

Patricia Harpring, Managing Editor Getty Vocabulary Program

Getty Vocabularies: Update for

author: Patricia Harpring

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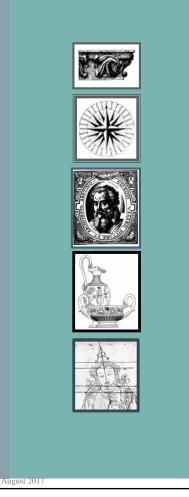


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 Statistics and Issues AAT: Status and issues TGN: Status and issues ULAN: Status and issues CONA: Status and issues IA: Status and issues 	ies ues sues sues	itions, usage	
 ULAN and CONA iss AAT issue detail: An TGN issue detail: Jo 	tonio Beecroft	hnson	
* Presentations will be posted online			
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Getty Vocabularies

www.getty.edu/research/tools/vocabularies/index.html



- Art & Architecture Thesaurus ® AAT = information for generic concepts, terms, relationships, other data (e.g., watercolors, 玉器, amphora, asa-no-ha-toji)
- *Getty Thesaurus of Geographic Names* ® TGN = information for administrative, physical places, names, relationships, historical information, coordinates, other data (e.g., Diospolis, Acalán, Ottoman Empire, Ganges River)



- Union List of Artist Names ® ULAN = information for people, corporate bodies, names, biography, relationships, other data (e.g., Christopher Wren; Altobelli & Molins; Anp'yŏng Taegun; Amjad Ali Shah, King of Awadh)
- *Cultural Objects Name Authority* ® CONA = information for works of art and architecture, titles/names, relationships, physical characteristics, subject, physical and conceptual works, extant and destroyed (e.g., Mona Lisa, Livre de la Chasse, Bhimesvara Temple)
 Getty Iconography Authority

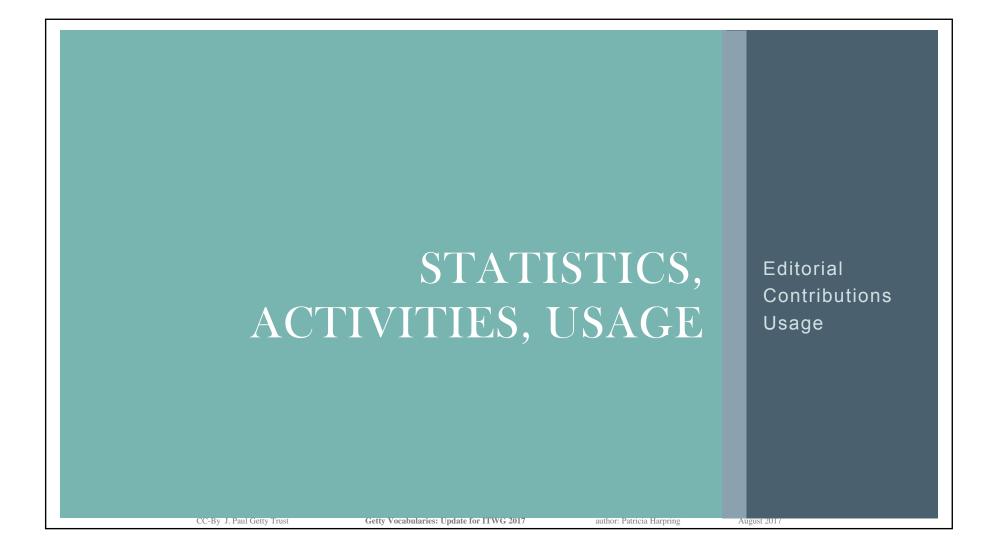


 Getty Iconography Authority

 IA = information for iconographical narratives, religious or fictional characters, historical events, literary works and performing arts, including names, relationships, links to Getty vocabs, other data (e.g., Adoration of the Magi, Zeus, French Revolution, Der Ring des Nibelungen, Reclining Buddha)

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 Getty Vocabularies: Update for ITWG 2017

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Summary: Recent Activities and Issues

• Primary activity has been processing contributions and maintaining the databases

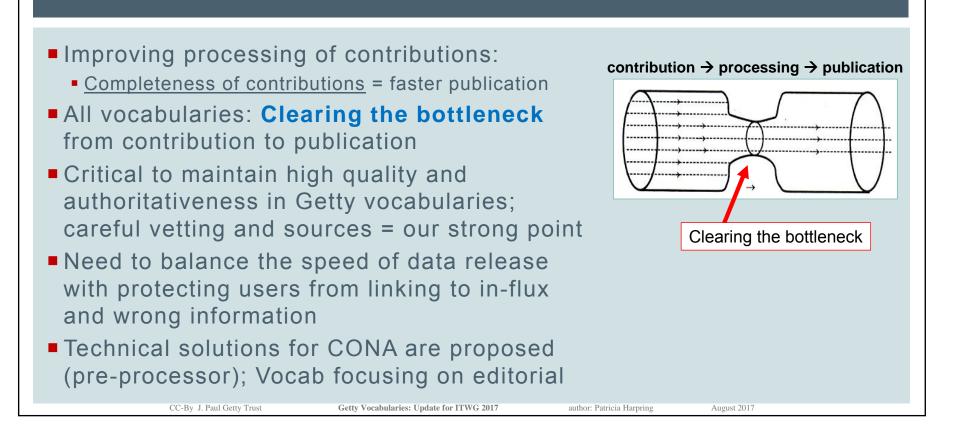
- **AAT:** Consultation for ongoing German, Chinese, and Dutch translations; Chilean contribution of TRP (Tesauro Regional Patrimonial)
 - Continuing processing of terms from GCI and outside contributors
- **TGN:** Processing ancient sites, modern hierarchies
- ULAN: Loading of Special Collections and Provenance artists, owners
- CONA: Processing of contributions; developing editorial rules; mapping to CRM
- IA: Processing of contributions; developing editorial rules
- LOD: Mapping and harmonizing, informed by real-life use cases, e.g., Provenance Index redesign
- Outreach: Publishing and presenting in various venues
 - AB: CAA conference; RJ: SAA conference; JW: ARLIS conference and Museums on the Web; PH: Multilingual Equivalence and various other online publications: JC and GG were also active

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Recent Activities and Issues



Recent Activities and Issues

Communication

 We need to better communicate as a group online (Wiki, Google group, contributors' checking Revision History for relevant changes, etc.). Will discuss later. One contributor's editorial solution should be visible to benefit all.

• Future of the Getty Vocabularies and the ITWG

- ITWG and our international partnerships are very important to the GRI and the Getty
- Hope to have another meeting in a couple of years at Getty However, <u>cannot commit</u>; changes in leadership, budget; will keep you informed as developments arise
- In the meantime, online communication and informal meetings at conferences will be important
- <u>Critical priority</u> = working with international partners to become increasingly multicultural and multilingual
- Within the Getty, current priority is for the vocabularies to become more responsive and relevant to GRI and Getty resources; to incorporate our vocabs into our own resources, starting with the GRI Provenance Index (Special Collections, Getty Museum, Getty Conservation Institute)

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for ITWG 2017

August 2017

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Total records, terms, and candidates *in process* July 2017

	Records/Terms July 2017	July 2016	Candidates
AAT	60,000 / 375,000	57,700 / 356,000	15,420
TGN	2,550,000 / 4,100,000	2,500,000 / 4,064,000	26,630
ULAN	300,000 / 720,600	262,000 / 680,000	15,370
CONA	6,380 / 12,620	6,200 / 12,250	290
IA	1,600 / 4,700	1,190 / 2,500	150

Records Loaded				
	ords having German terms	5,298		
an-17 CDBP-DIBAM TR eb-Mar-17 RKD, AAT-Net	P records records having Dutch ter	743 rms 375		
	ords having Chinese terms			
Coming soon: German, Po	lish, Hebrew-Arabic, ?French-	-Italian contrit	outions]	
LAN				
0	onal d'histoire de l'art (INHA)	artist		
lov-16 GRI Spec Collectio		artist	,	
	& GRI Special Collections- Kn		s 5,828	
GN	(orbit)	Dra Calumbi	an aitan 200	
ug-16 NRW (project Univ			an sites 298	
		Switzenanu,		
un-17 NGA/NIMA		Switzerland,	etc.	

Editorial work: Added or Edited

- Number of records per month • varies depending upon action
- e.g., Loaded translations ٠ often require no editorial work; just initial spot checking and then globally loaded

Clearing the bottleneck

• If records include required fields and in our required format, turnover is much faster

Feedback: •

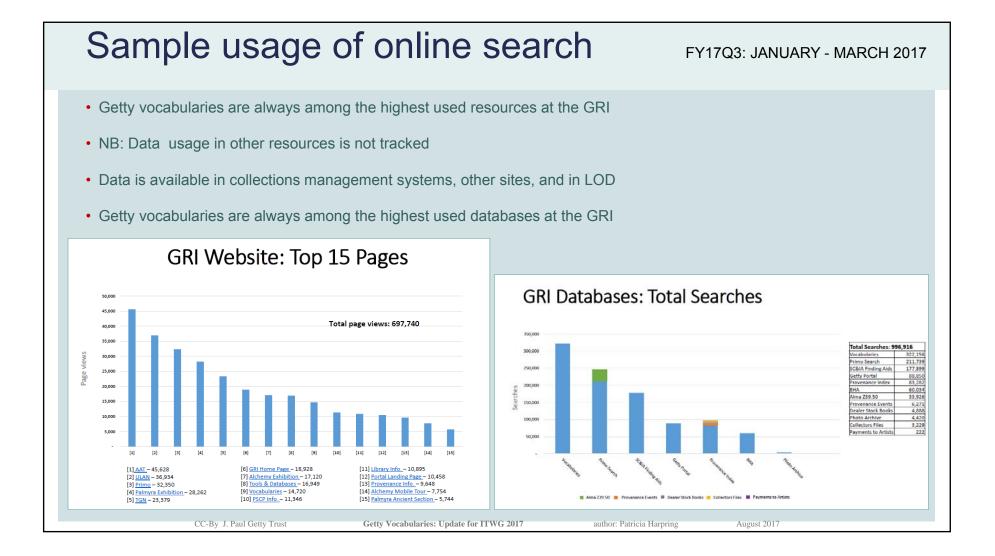
> no longer spreadsheets with comments on each record; BRAINSTORM: instead, use Wiki or monitor the **Revision History**

> > CC-By J. Paul Getty Trust

Ed	ited records: FY	2017																		
		July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Marc	April	May	Jun	TOTAL	TOTA	L CITS	6			
	T records	174	84		246		188	197	390	199	2383			5023	Edi	ted re	ecord	s: F	Y 2018	
	T citations	75		129			104	70	68	87	85			20224					July	Aug
	AN records AN cits	59		2908 87	836		3191 8	4758	366 26	2682	833	226		20231		T reco			34087	
	N records	250		1336			-	9752	38	93	142			12907		T citat			544	
	N citations	31		76				9	3	1	6	50	38			AN re AN cit			40 273	
	NA records	1527	290	214	254	- 11	1	98	27	68	57	8	6	2561		N rec	-		37	
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To			de				1	1			E00					NA re NA cit	cords	_	4	
	AAT re	ecor	as								502	3					ocess			
	AAT ci	tati	ons											11()3	al Ed			34,987	
	ULAN	rec	ords	5						2	023 ⁻	1								
	ULAN	cita	tion	s										51	14					
	TGN re	ecol	rds							1	290 [.]	7								
	TGN c	itati	ons											36	65					
	CONA	rec	ords	5							256 [°]	1								
	CONA	cita	ation	IS										43	33					
	CONA	pro	ces	sor																
	Total E	dite	ed							4	072	2		241	15					
	Getty Vo	cabulari	ies: Upda	te for IT	WG 201	7		auth	10r: Pati	ricia Ha	urpring		August	2017						

July 2016-June 2017

	r	June-17	TOTAL	July-17	
AAT Page Views	_ ?	90,043	1,172,136	81,916	Users of Online Web
TGN Page Views	_ 5	32,342	416,279	29,189	
ULAN Page Views	_ 5	58,299	659,489	48,080	Searches
CONA Page Views	_ 2	514	6,694	552	July 2016-June 2017 [July]
Total Page Views:	_ 1	181,198	2,254,598	159,737	
AAT Users	3	3,350	42,107	2,983	Number of Users, visits, page
TGN Users	;	1,666	22,242	1,543	views, unique searches per month
ULAN Users	_ ′	4,767	68,693	4,432	
CONA Users		88	1,388	100	
Total Users:	j	9,871	134,430	9,058	• Could we share numbers of users
AAT Visits:	3	10,818	125,914	9,505	in satellite AAT sites Germany,
TGN Visits		5,547	74,178	4,906	Chile, Netherlands, Taiwan?
ULAN Visits	· ·	11,949	148,149	10,615	
CONA Visits		217	2,811	196	Returning Visitor New Visitor
Total Visits:	_ !	28,531	351,052	25,222	
AAT Unique Searches	_ 1	39,872	489,093	33,619	
TGN Unique Searches	2	18,672	228,715	15,969	19.6%
ULAN Unique Searches	2	36,910	399,287	30,040	
CONA Unique Searches		427	5,691	437	
Total Unique Searches:	<u> </u>	95,881	1,122,786	80,065	
AAT Total Searches)	48,852	626,079	42,329	
TGN Total Searches	j	21,534	287,293	18,795	
ULAN Total Searches	3	40,247	418,243	32,917	80.4%
CONA Total Searches	2	514	6,694	552	
Total Searches:	i	111,147	1,338,309	94,593	



UCar	Julai	ies L			Calendar Ye	ear 2017	
Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth		vocabularies have high
Jan 2017	5,495	20,021	2,470,447	2,623,164	123.79 GB	usage	as LOD
Feb 2017	5,090	20,036	2,574,541	2,817,839	128.85 GB		
Mar 2017	5,768	17,885	7,328,904	7,610,603	219.39 GB		
Apr 2017	5,243	19,635	5,368,618	5,554,688	226.78 GB		
May 2017	4,742	19,603	4,900,599	5,137,454	229.01 GB		
Jun 2017	0	0	0	0	0		
Jul 2017	0	0	0	0	0		
Aug 2017	0	0	0	0	0		
Sep 2017	0	0	0	0	0		
Oct 2017	0	0	0	0	0		
Nov 2017	0	0	0	0	0		
Dec 2017	0	0	0	0	0		
Total	26,338	97,180	22,643,109	23,743,748	927.82 GB		
/sparql.csv			48,	771 0	116.12 MB	2.44 KB	
/dataset/aat	/full zin			3 0	4.96 GB	153.78 MB	
-	els-matrix.pdf		1.5	5 4	1.75 MB	61.79 KB	
/doc/gvp-lod				4 73	133.76 MB	1.38 MB	
/dataset/aat	10 A. 100			2 0	1.73 GB	80.74 MB	
/dataset/tgn			1	1 1	7.51 GB	641.06 MB	
/dataset/tgn			1	1 1	18.26 GB	1.52 GB	
CHECK.	n/explicit.zip		9	9 0	1.31 GB	148.80 MB	
/dataset/ula			5	3 1	2.37 GB	269.70 MB	
	/tgn-json.tar.gz			2 0	6.72 GB	3.36 GB	

Publications and online resources New: Quick reference www.getty.edu/research/tools/vocabularies/contribute.html#guick ref Controlled guides, multilingual Vocabularies **Quick Reference Guide for Contributions** equivalency work • Contact the Getty Vocabulary Program (vocab@getty.edu), describing the Vocabulários Controlado scope and type of contribution. hwww.getty.edu/research/tools/vocabularies/guidelines/aa The contributing By contributing da t 4 4 appendix d contributors.html#4 4 2 contributed data I MARINE made available in contributor is cite Guidelines for Multilingual Equivalency Work (Patricia Harpring) merged and the (data. Please use the guidelines here with Introduction to Controlled Vocabularies (Harpring, Patricia, 2013), and the Editorial Guidelines on this site. The Follow the Editori lengthy, comprehensive discussions in these works are not repeated here. 107 If the contributing Arte information, the e Details of the guidelines here are augmented and revised as necessary over Architecture format. A prelimin time, typically as new issues arise in translation projects. Thesaurus the Getty. Introduction and Overview For occasional terms in foreign languages rather than large translation projects, For all names, ter Managing Edit see the AAT Editorial Guidelines: Terms: Translating terms. authoritative sour institution, the ins warrant. Categories for the Description of Works of Art **Quick Reference Guide** 4.4.2.1 Although each vol information, relati required informati Below is a brief list of critical guidelines for establishing multilingual Introduction equivalencies in the AAT. The Categories for the Description of Works of Art (CDWA) are a set of guidelines for best The Cangonas for the designing and existing inter a version of the design of the design of the design of the designing and describing works of ant, architecture, other material culture, groups and collections of works, and related accessing information. CDVM includes around 540 categories and • AAT: Art & Contact the Getty Vocabulary Program before beginning a subcategories of information. A small subset of categories are considered core in that they represent the minimum information necessary to identify and describe a work. CDWA include language translation project. • Follow the guidelines in the AAT Editorial Guidelines. CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2017 author: Patricia Harpring

The Getty Vocabularies at the Getty Center 20th anniversary: 1997 - 2017

 Working with many Getty staff and outside institutions

- For AAT and all, moved from a primarily monolingual model in English in 1997 to a model of multilinguality and multiculturality in 2017
- Expanding scope from art history and museum/visual resources cataloging to embrace, e.g., art conservation, archaeology















Getty Center: 1997 - 2017

20-year comparison statistics

Over the past 20 years the Getty Vocabulary Program has done the following:

- Enormous growth in size and scope AAT, ULAN, and TGN, new CONA and IA.
- Achieved global reach with international partners
- Scope = multicultural (non-Western) and multilingual
- Core audience = not only museums, special collections, and art historians, but also conservation and archaeology, among others
- Greatly enlarged the number of contributors and users
- From publishing data in hardcopy books and limited licensed formats to new openness of access and linking (LOD); ASCII to Unicode
- Incorporation in search engines and collections management software globally
- From producing documentation for internal Getty use to producing hundreds of Web pages on standards, workshops, and rules for cataloging art and creating vocabularies, *Introduction to Controlled Vocabularies, many dozens of articles etc.*

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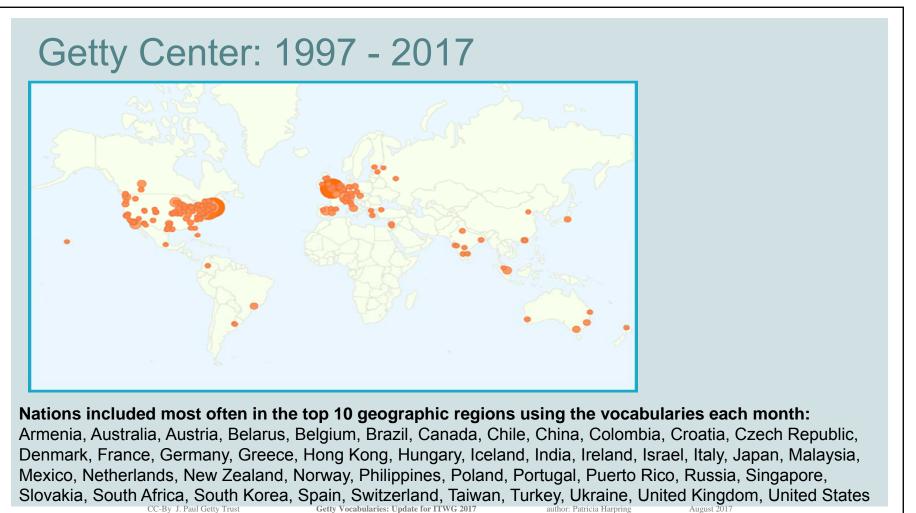
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	Center: 1997 - Vocabularies concepts						
	1997	•					
	concepts/terms	concepts/terms					
AAT	30,000/70,000	60,000/375,000					
TGN	904,500/922,600	2,550,000/4,100,000					
ULAN	93,800/206,500	300,000/720,600					
Growth of	Users						
		1997	2017				

Vocabulary online page views per month	6,000	55,000
Users/searches in online search per month	1,500/20,000	12,000/110,000
Unique users/records LOD downloads per mo.	0/0	5,000/3,000,000
Locations where users are located	3 nations per	100 nations per
	month average	month average
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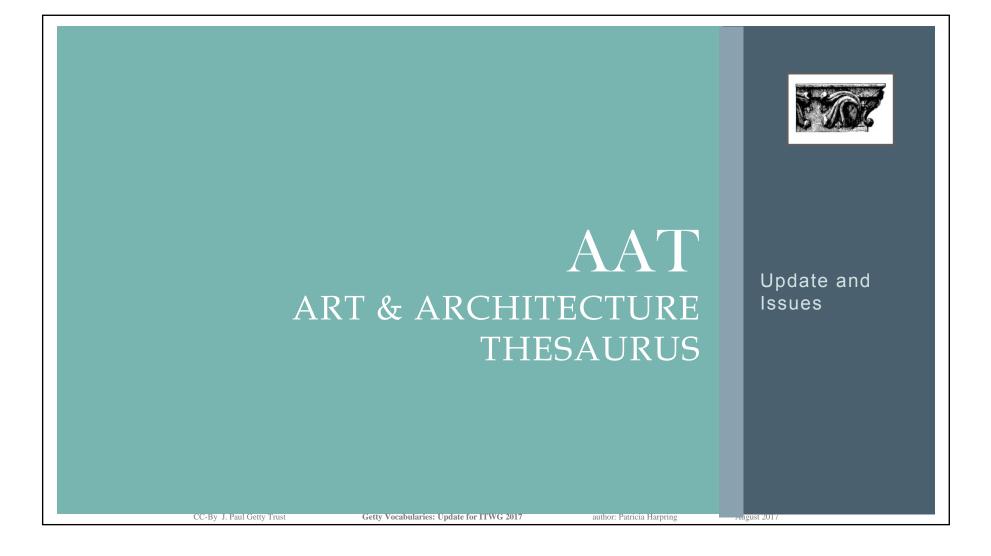


Getty Center: 1997 - 2017	7	
Growth of Contributors		
	1997	2017
Contributing institutions	23 in USA, Canada, UK, Italy	330 globally
The heaviest contributors to the Getty vocabularies:		
Contributors include projects at the Getty Research Institut Getty Museum. Other recent contributors include the Cent Netherlands Institute for Art History (RKD); Academia Sinic Preussischer Kulturbesitz; the Courtauld Institute; Grove Ar University slide library; the Victoria and Albert Museum; Is	tro de Documentación de Bi a of Taiwan; the Staatliche M rt online; the Rijksmuseum i tituto Centrale per il Catalog	enes Patrimoniales, Chile; Museen zu Berlin in Amsterdam; Indiana

London; the Mystic Seaport Museum; the Harry Ransom Humanities Research Center at the University of Texas at Austin; the Bunting Visual Resources Library at the University of New Mexico.

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Title: Stylized Flowers Artist: Franz Lebisch	AAT,	the Art & A	Architecture	Thesaurus®
	Sample	record	partial display	of a full record
preferred flagged, but not required to use it; based on local rules	Terms: color lithographs (pref, American English-P) color lithograph (American English) multicolor lithographs (American English) colour lithographs (British English-P) multicolour lithographs (British English) 彩色石版印刷 (Chinese (traditional)-P) cǎi sè shí bǎn yìn shuā (Chinese (Pinyin w/o tones) cai se shi ban yin shua (Chinese (Pinyin w/o tones) tai se shih pan yin shua (Chinese (Wade-Giles) kleurenlithografieën (prenten) (Dutch-P) kleurenlithografie (prent) (Dutch) kleurenlitho's (Dutch) kleurenlitho's (Dutch) lithographies en couleur (French-P) lithographies en couleur (French) Farblithografie (Farbdruck) (German) Farblithografie (Farbdruck) (German) Farblithographie (Farbdruck) (German) Jitografías en color (obra visual) (Spanish-P) litografía en color (obra visual) (Spanish) Occ.By	(<planogra processes Techniques <i>Hierarchical Rela</i> .Objects Facet Visual & Verb Visual Work color <i>Links to images</i> <i>resources:</i> http://www.metmuseu on/search/647709</planogra 	elationships color lithography aphic printing , Processes and s) [300190525] ationships (poly) oal Communication (s) (s) (works) orks by material > risual works) aphs lithographs s and other	Note: Lithographs printed in several colors. Chinese (traditional) 以許多 顏色印製而成的平版印刷版 畫。 Dutch Lithografieën gedrukt in verschillende kleuren. German In mehreren Farben gedruckte Lithographie. Spanish Litografías impresas en varios colores. Contributors: VP,GCI,CHIN,AS,RKD, IfM-SMB-PK,CDPB-DIBAM Sources: Mayer, Dictionary of Art Terms; Ross et al., Complete Printmaker; AATA database; Gascoigne, How to Identify Prints; Kerner, Lexikon der Reprotechnik; Lucie-Smith, Diccionario de Términos de Arte;

AAT Issues and Status

- Translations and other contributions
 - Translations in Spanish, German, Dutch, Chinese;
 + French, Italian, Polish, Portuguese, Japanese, Arabic
- GRI Provenance Index & Special Collections reconciliation
- Expanding scope of the AAT
 - Expanded scope conservation through GCI, archaeology, non-Western (Amerindian, Maori, Chinese)
 - new media: Antonio will discuss issues

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AAT Issues

Example of issues for Provenance Index restructuring:

- Currency in AAT referred to physical objects
- PIR required currencies as monetary values

Objects

1 1

Top of the AAT hierarchies	
Objects Facet	
Visual and Verbal Communication (hierarchy name)	
Exchange Media (hierarchy name)	
exchange media (objects)	
money (objects)	
<money by="" material=""></money>	
paper money	
international paper money	
dollars (paper money)	
 Läy sääre ("Känethan") et ha kapan Ong vit te sähang	ettaar:
CC-By J. Paul Getty Trust Getty Vocabularies: U	Jpdate !

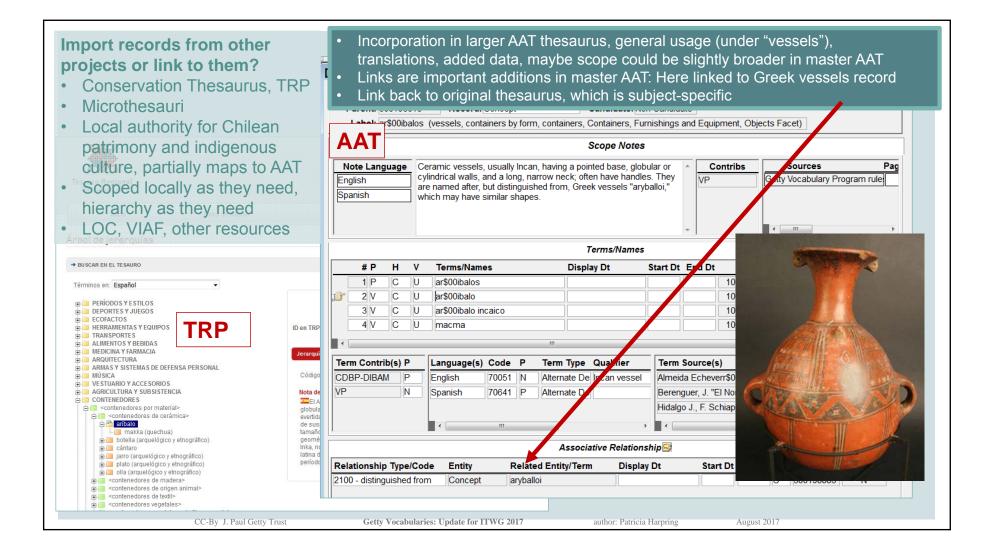
Systems of money

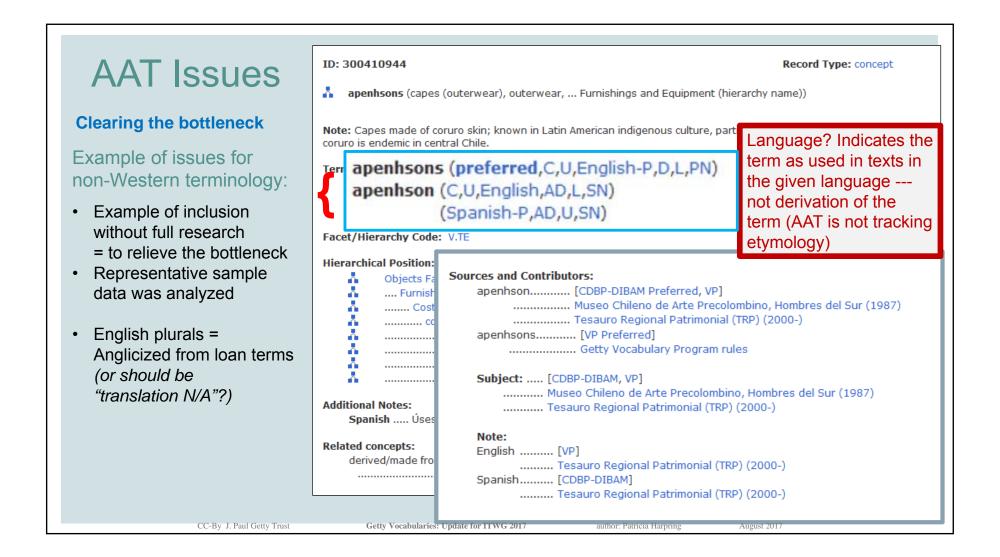
	Top of the AAT hierarchies
	Associated Concepts Facet
	Associated Concepts (hierarchy name)
	culture-related concepts
•	currencies (systems of money)
	Elecenting florin (system of money)
_	Florentine florin (system of money)



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 When to use a local thesaurus? For full translation of large thesaurus such as A better to maintain the AAT hierarchy for sake of simplicity in updating In AAT the hierarchy is generic, not specific to culture or discipline "jades (objects)" is placed with other <sculpture by="" material=""></sculpture> However, in certain areas of the hierarchies, maarranged by culture (e.g., styles and periods) 	Ay be
Top of the AAT hierarchies Styles and Periods Facet Styles and Periods (hierarchy name) Styles, periods, and cultures by region> Asian Chinese (culture or style) Chinese textile styles Ningxia Suiyuan	found object sculpture found objects junk sculpture glazed sculpture jades (objects) neon sculpture pigment blocks (scu rambaramps sandcastles scrimshaws soft sculpture terracottas (sculpture)

27

AAT Is Usage in sa	SUES me language, di	fferent dial	ect or loo	cation	Code Cescription Code Sparsin Code Sparsin Code Sparsin Code Sparsin Code Sparsin Code Sparsin Code Co	
#P H V	Terms/Names	Display Dt	Start Dt End Dt	Term ID Disp N	AACD2 Flace Oth A 70673 Guatemaken Spanish	pars F
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16 V C U	alfiler de criandera			1000452078 N/A	Italic (languages) Romance (languages)	
17 V C U	alfiler de seguridad			1000452077 N/A	Italo-Western (languages)	
18 V C U	imperdible			1000452076 N/A		
	Impercible			1000432070 N/A		
•	m				Castilian (group of languages) 	_
Term Contrib(s) P CDBP-DIBAM VP	Spanish 70641 N Used ID: 300411890	Type Qualifier For Door Cuba		ario de uso del espa\$	European Spanish (language diale Basque Country Spanish (language diale Castilian Spanish (language dial Catalonian Spanish (language) sh (language) Record Type: c h (language diale sh (language diale sh (language diale)	age) lect) dialect) lect) alect)
	 Cuban Spanish (lang Associated Concepts Note: Refers to the Caribb 	(hierarchy name))		dialect), Spanish (language), (language diale (language diale ish (language di nish (language di ish (language di anish (language di anish (language di anish (language di anish (language di anish (language di	ialect) dialect) ct) ialect) dialect) alect)
Flagged in Note (not Qualifier), Language =	Terms: Cuban Spanish (lang Spanish, Cuban (C,U es-CU (C,U,CO,Englis	,English,UF,U,U)	referred,C,U,Er	ıglish-P,D,U,U)	n (language diak nish (language d nish (language h (language (language (language) yage)	dialect) dialect) llect)

AAT Issues

Clearing the bottleneck

Top problematic issues with new records include

- All terms in one record are not exact synonyms
 - But must be, differences only in part of speech
- SN must be broad enough to encompass all usage
 - Often new records or legacy AAT SNs are scoped too narrowly, sometimes describing one object; survey multiple sources, but don't invent definition

sandalettes EN

Lightweight footwear, usually strappy, for women; examples include styles with a single ankle strap and open toe; in English, typically reserved for historical usage or when referencing such sandals used in or produced in various places, such as in Germany, the

Netherlands, or France.

sandalets NL

Een sandaal bestaa	Revision History for sanda	alettes (footwear by form	n, footwear, accessories	by location on the legs or fe	et, worn costume accessories, c	Gleinngers and
enkelband, echter z	Type Action	User Name	Date Time	Public Note	Nivate Note	Andalettos
open neus. Meestal	N updated	PHARPRING	8/6/2017 21:17:	NB: Is SN	too narrowly sco	ped?
vrouwen.	S updated	PHARPRING	8/6/2017 21:17:4			•

ELECTRE

Hema

Christian Dior "Boutique" - 9 Conduit Street LONDON W1 GROM

the finest in lady's shoes

AAT Issues

300014701 additive (materials by function, materials, Materials, Materials Facet)

additive (material)

Generally, any substance that is added to another to impart certain qualities to the resulting product. Specifically, often used to describe those chemical substances added to foods to produce given effects.

As rewritten:

additive (material)

A substance that is added to another to impart certain qualities to the resulting product. Examples of additives are chemical substances added to foods to produce given effects.

- Example of a change in SN ("general" and "specific" phrasing) that does not warrant a NB notice to translators in the Revision History
- Also, changes in grammar or other small changes need not be addressed in translations

	t ID: 3000	15217	Revie	w: In Process	Merged: M	erged	Pul	olish: Publishe	ed			
Par	rent: 3000	14692	Reco	rd: Concept	Candidate: N	on Candida	te					
La	abel: solve	ent (mate	erials by fu	nction, materials, Materia	als, Materials Facet)					of a cha	•	
					Scope Note:	s				oes that	5	
Not	e Languag		material	usually liquid, having the	nower of dissolving	another	* Co	inte	erest t	o transla	tors via	the
Englis			erial.	usually inquid, naving the	power of dissolving	anounci	VP	Re	vision	History		
	ese (traditio	ona										
Dutch	ı							• Tra	anslato	ors shoul	d have	used
Spani	ish						-	the	Dor	ALT, but	deletior	n of a
											I	
								UF	may	interest t	nem	
#	Р	н	v	Terms/Na	mes	Start Dt	End Dt			AACR2 Flag		
#	-	H		1	mes	Start Dt	End Dt		Disp Nm			
# 1	P	H C	V U	Terms/Na solvent	mes	Start Dt	End Dt	Term ID	Disp Nm N/A	AACR2 Flag	Oth _	
# 1	-	С	U	solvent	mes	Start Dt	End Dt	Term ID 1000015217 1000540797 1000173248	Disp Nm N/A N/A N/A	AACR2 Flag	Oth N/A N/A N/A	
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# 1 2 3	-	С	U	solvent solvents				Term ID 1000015217 1000540797 1000173248	Disp Nm N/A N/A N/A	AACR2 Flag	Oth N/A N/A N/A	
# 1 2 3	-	С	U U	solvent	latile volatile	e solve	nts	Term ID 1000015217 1000540797 1000173248 1000075444	Disp Nm N/A N/A N/A N/A	AACR2 Flag	Oth N/A N/A N/A N/A	amples

Use Revision History to track changes to Vocab data

Revision History for solvent (materials by function, materials, Materials, Materials Facet)

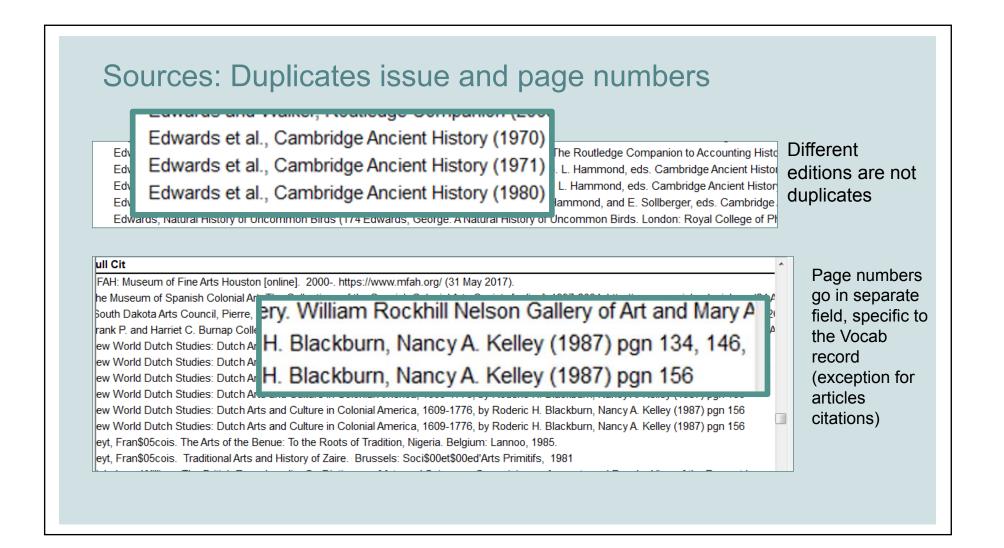
Туре	Action	User Name	Date Time	Public Note	Private N
Т	updated	PHARPRING	8/11/2017 13:13:17	solvente (1000419823);	
Т	updated	PHARPRING	8/11/2017 13:13:17	揮發性溶劑 (1000523437	
Т	updated	PHARPRING	8/11/2017 13:13:17	rong ji (1000523438);	
Т	deleted	PHARPRING	8/11/2017 13:13:17	solvent, volatile (100017	
Т	updated	PHARPRING	8/11/2017 13:13:17	solvant (1000313805);	
Т	updated	PHARPRING	8/11/2017 13:13:17	溶剤 (1000523435);	
Т	updated	PHARPRING	8/11/2017 13:13:17	solvents (1000540797);	
Т	updated	PHARPRING	8/11/2017 13:13:17	稀釋劑 (1000523436);	
Т	deleted	PHARPRING	8/11/2017 13:13:17	volatile solvent (1000075	
	updated	PHARPRING	8/11/2017 13:13:17	r\$00ong j\$02i (10005234	
Т	updated	PHARPRING	8/11/2017 13:13:17	oplosmiddel (100047204	
Т	updated	PHARPRING	8/11/2017 13:13:17	jung chi (1000523440);	
S	updated	PHARPRING	8/11/2017 13:13:15		
S	published	SYSADM	3/3/2017 00:00:00	Publish to rel and XML	

Improvements needed:

What term is it? D, AD, UF?

Why does it look like PH edited all of those other terms?

Sou	rces: Dupli	icates issue Need to check merge and load algorithms, so that
	Sources Search	exact matches are merged
	Merge ID:	Search Type: KEYWORD - ENTER SEARCH C automatically on Full
	Source ID:	Search Method: NEW SEARCH SOURCES: 2019 Citation
s	earch Text: art	Citation
	urt	
	Editor:	Edit Start Date: 8/11/2017 Edit End Date: 8/11/2017
Disco	· · · · · · -	
	和英對照日本美術用語辭的	典 和英對照日本美術用語辭典編集委員會編集(1990)。和英對照日本美術用語辭典 = A dictio
Disc	藝術開講	羅伯特·艾得金著,黃麗娟譯(1996)。藝術開講—當代意念、運動與詞彙導引 ART SPEAK。台
Disc	日本美術史	王秀雄著(1998-2000)日本美術史 The history of Japanese art。台北市:國立歷史博物館
	日本美術史	王秀雄著(1998-2000)日本美術史 The history of Japanese art。台北市:國立歷史博物館
	和英對照日本美術用語辭明	
	和英對照日本美術用語辭明	
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	和英對照日本美術用語辭明	
	日本藝術史	那福泉著(1999)。日本藝術史A history of Japanese art。臺北市:東大。
	日本美術史	王秀雄著(1998-2000)日本美術史 The history of Japanese art。台北市:國立歷史博物館
	和英教昭日本美術田語翻	曲 지유왕면 소통術用語解曲編集公員 网络集(1990), 제무왕면 소美術用語解曲 물 A OICTIO
	和英對照日本美術用語辭調	
	和英對照日本美術用語辭# 藝術開講 藝術開講	曲 和英對照日本美術用語辭典編集委員會編集(1990)。和英對照日本美術用語辭典 = A diction 羅伯特·艾得金著,黃麗娟譯(1996)。藝術閉講—當代意念、運動與詞彙導引 ART SPEAK。音 羅伯特·艾得金著,黃麗娟譯(1996)。藝術閉講—當代意念、運動與詞彙導引 ART SPEAK。音



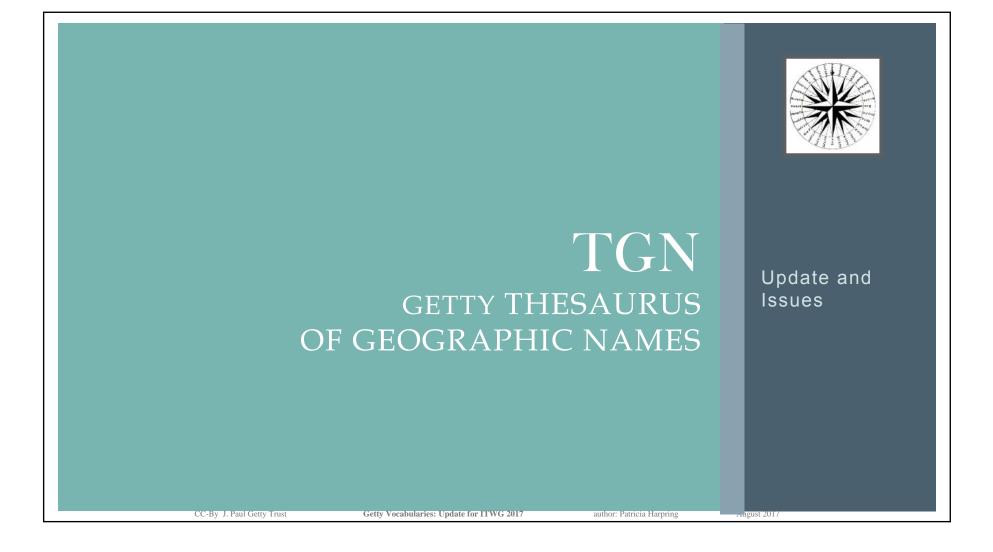
Use Wiki or other method to share discussions with all translation projects

From·Patricia, awaiting reply from Axel: ¶

5. Is this correct?

As·we·agreed, the·plural·noun·is·D, the·singular·noun·is·ALT·but·Preferred·for·language·German.·Great.·¶ **Question:**·Is·this·correct, that the Preferred flag for your institution (IfM-SMB-PK) is set on the plural D?·· Or·did·you·intend that it be set on the singular ALT, which is preferred for language German?¶

# P	•	н	۷	Terms/Names	Display Dt	Start Dt	End Dt	Term ID	Disp Nm	AACR2 Flag	Oth	^	
🔐 🦳 6 V	1	С	U	Kollektivwirtschaften				1000645542	N/A	N/A	N/A		
7 V	1	С	U	Kollektivwirtschaft				1000645543	N/A	N/A	N/A		
8 V	/	С	U	granjas colectivas				1000410404	N/A	N/A	N/A		
9 V	/	С	U	granja colectiva				1000410405	N/A	N/A	N/A		
Term Cor	ntrib			Langua Devices consi									



The Delegand of the deletion o			of a full record
• Links to Getty vocabularies and outside resources	ID: 7571465 Link: Names: Hastināpur (preferred,English-P) Hastināpura Hastinapura Jastinápura इस्तिनापुर (Sanskrit) इस्तिनापुरम् (Sanskrit) Gajpur Kunjarpur Shanti Nagar Nagpur Brahmasthal Asandivat 哈斯蒂纳普尔 (Chinese) ا هاستيناپو (Persian) Coordinates: 29 09 22 N 077 59 48 E Elevation: 218 meters Getty Vocabularies: Update fe	Hierarchical Rels. (polyhierarchical) World (facet) Asia (continent) India (nation) Uttar Pradesh (state) Hastināpur (inhabited pl.) World (facet) Asia (continent) India (nation) Kuru Kingdom (former state) Hastinī Link to LOC etc. Links to images and other resources: https://ccn.loc.gov/n97922215 https://www.google.com/maps/place/Hastinapur https: NGA/NIMA -2097304	 Place Types inhabited place town archaeological site sacred site Mote: Noted for Old Pandeshwar Temple; was the capital of the Kuru dynasty of kings; the epic "Mahabharata" is set in Hastinapur. Contributors: NP,GCI,BHA,Avery,CAA-AIIS Sources: NGA/NIMA; Library of Congress Authorities; Roy, he Ganges Civilization; Lal, Excavations at Hastinapur; Shaw and Jameson, Dictionary of Archaeology

TGN Issues and Status

- Modern world automated updates (i.e., programming) by software architect) via NGA/NIMA

NGA.mi

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

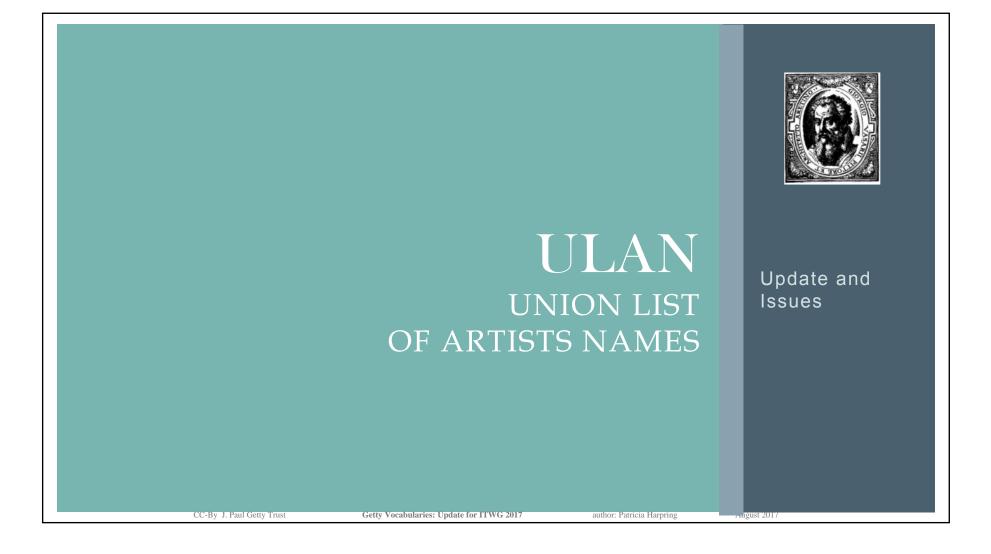
- New contributions are archaeological sites, historical entities from GCI and other contributors
- TGN is a thesaurus, but linked to GIS (Geographic Information Systems) for maps and other geographic information (NISO standard)
- CURRENT PRIORITIES: Provide critical links to all geographic information in other Getty vocabularies and optimize for use in linked data at Getty
- Load NGA and contributed data as possible, including improving coverage of historical world
- Jon: power of TGN links in historical research, linking to GIS

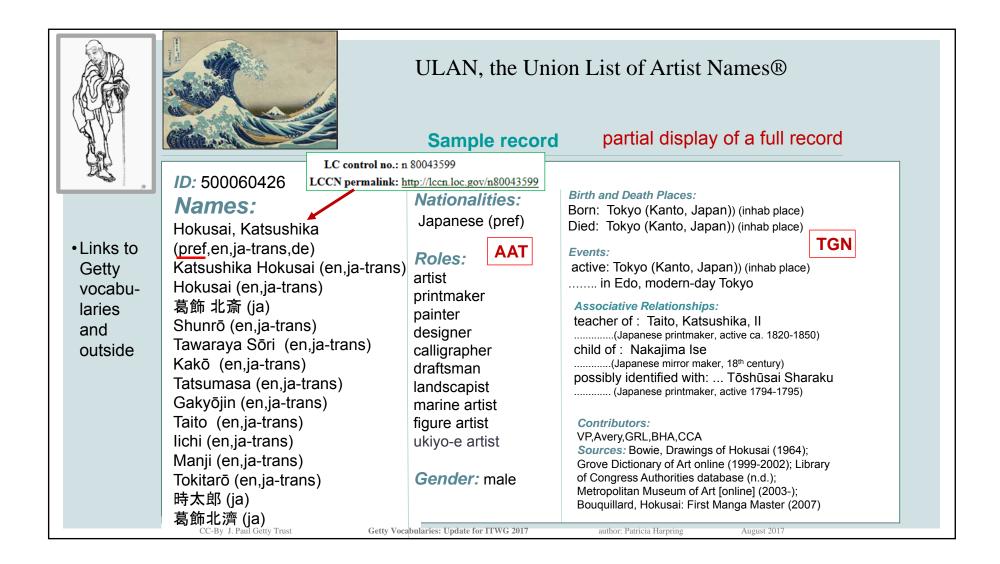
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author: Patricia Harpring

TGN Issues	ID: 6004153
Lost & Found:	 Nefertara (archaeological site) Names: Nefertara (preferred,C,V) Hierarchical Position: World (facet) Europe (continent) (P) Greece (nation) (P) lost & found/Greece (miscellaneous) (P) Nefertara (archaeological site) (P)
World (facet)	Place Types: archaeological site (preferred, C) was a Mithraic site Sources and Contributors: Nefertara [VP Preferred]





ULAN Issues and Status

- Increasing multiculturality, global in scope
- Scope includes artists, but also patrons, sitters, anonymous masters, unknowns, unidentified named
- CURRENT PRIORITIES: Processing recent loads of 10s of thousands from GRISC and Provenance Index (an original contributor to ULAN)
- Other contributions
- Robin will address a few detailed issues regarding linking in ULAN, and CONA

Top of the ULAN list / hierarchy

- Corporate Bodies (ULAN facet) +
- Persons, Artists (ULAN facet) +
- Non-Artists (ULAN facet) +
- Unidentified Named People and Firms (ULAN facet) +
- Unknown People by Culture (ULAN facet) +
- temp.parent/Candidates (undetermined) +

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ULAN Issues

Clearing the bottleneck

- Unidentified Named People and Firms allows incomplete records to be published and linked
- Some will always remain unidentified, others' biographies are resolvable with a bit of research; expert user or expert crowd sourcing
- Examples, from Provenance Index, Special Collections finding aids, others

- Top of the ULAN list / hierarchy Unidentified Named People and Firms (ULAN facet)
 - Aalst, van (Unknown artist, Sale at Dordrecht, 1 November 1802)
 - Aav (artist, active 20th century)
 - A. Bacon (Unknown artist)
 - Abady, Sheila (artist)
 - Abanico (artist, active 20th century)
 - Abar, J. (Artist)
 - Abbate, Giulio Cesare (Artist)
 - Abbatini, Antonio Maria (Italian artist, 17th century)
 - Abbey, Joshua (artist)
 - Abbot, David (artist)
 - Abbott (British painter, active 16th century)
 - Abbott, Lemuel Francis (Unknown artist)
 - Abbruch (artist, active 20th century)
 - Abel (artist, active 1940; Witt Library, Authority files)

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	leneric, sources		1500933073 N/A 1500933074 N/A
22 V LU	J U Monsu' Agripo		
			 100000011111
Current			1501071628 N/A
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ULAN Issues		s, in original documents dwriting in a transcription	
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CC-By J. Paul Getty Trust		larald Szeemann papers, Finding Aid, GRI Sp	

ULAN Issues Clearing the bottleneck Allow some inconsistencies with certain data • multiple Provenance records may be merged, biographies may contradict - published, but ٠ "preferred" VP bio is correct Swiss painter, 1767-1849 N M British owner, 1767-1849 N U N U artist, 1767-1849 Person, corporate body, and attribution statements may be included as "names" in one record These will be rectified as much as possible; loaded with "unidentified named" until fixed and merged Terms/Names ٧ Terms/Names **Display Dt** Term ID # P н Start Dt End Dt Rubens, Peter Paul 1500932584 E - NA U LU U 1500932680 2 V After Reubens LU U After Rubens 1500932712 3 V LU U Apr\$00es Rubens 1500932703 4 V 111 CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2017 August 2017 author: Patricia Harpring

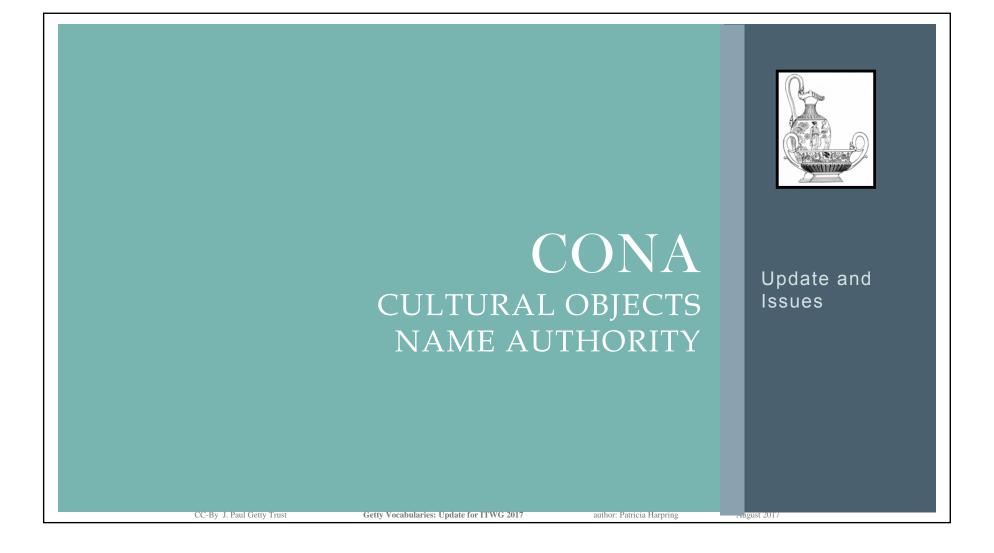
Acquiring Open Data

- With all vocabularies: We are exploring loading available open data from reliable sources, including repositories
- Contributors and sources are noted, makes the data authoritative
- According to legal counsel, required that we provide this for contributors' data (including CC0)

Hub, Inc. (US) https://gitl	nub.com/MuseumofModernArt/collection C Search
d 🛞 Getting Started 🎆	cic 🔿 Employee Selfservice 🔿 404 Not Found 🔿 GO Main Home Page 🔿 Internet Explorer 9 - M 🛞 Nov
📄 .gitattributes	May 16th update; moving datasets to large file storage; added domain
Artists.csv	Automatic monthly update.
Artists.json	Automatic monthly update.
Artworks.csv	Automatic monthly update.
Artworks.json	Automatic monthly update.
	Initial commit
README.md	Automatic monthly update.

The Museum of Modern Art (MoMA) Collection

Sources and Contributors: Guidi, Tommaso [AVERY, GRL] Avery Authority files (1963-) Avery Index to Architectural Periodicals (1963-) Library of Congress Authorities database (n.d.) n 79006973 Masaccio [AVERY Preferred, BHA Preferred, GRL, GRLPSC Preferred, Grove Art Preferred, JPGM Preferr PROV, VP Preferred, WCI Preferred] Avery Authority files (1963-) Berenson, Italian Pictures of the Renaissance: A list (1932) BHA, Authority file (1973-) Getty Provenance Index Databases [online] (1999) Grove Art artist database (1989-) J. Paul Getty Museum, collections online (2000-) Thieme-Becker, Allgemeines Lexikon der Künstler (1980-1986)	rt (MoMA) acquired its first artworks in 1929, the year it was established. To is almost 200,000 works from around the world spanning the last 150 years of visual expression, including painting, sculpture, printmaking, drawing, ph d performance art. Iping everyone understand, enjoy, and use our collection. The Museum's w ts. This research dataset contains 131,266 records, representing all of the w collection and cataloged in our database. It includes basic metadata for eac
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Adoration of the Magi

Tree of Life Quilt Bhimesvara Temple Cane Back Chair Château de Versailles Das Treffen der Heiligen Drei Könige **Empire State Building** Himeji Castle 姫路城 Irises La Gioconda Model for the Facade of San Lorenzo Mona Lisa MS Ludwig XV Pantheon Portrait of Napoleon Square Ting Vessel of Duke Kang Still Life with Flowers Venus and Cupid Zwaardstootplaat



CONA, the Cultural Objects Name Authority®

Titles, attributions, styles, locations, other information about movable works (paintings, sculpture, prints, drawings, photographs, ceramics, etc.) and architecture (buildings, bridges, etc.) (e.g., *Hagia Sophia, Mona Lisa, Fantastic Landscape with a Pavilion*).

- CONA is a resource containing and linking to metadata about works
- Built works, movable works, conceptual (multiples) works, visual surrogates, unknown named works
- CONA includes information for works executed or designed (e.g., a built work for which only design drawings exist); extant or destroyed, ephemeral, lost
- CONA is linked to AAT, TGN, ULAN, IA

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for ITWG 2017 author: Patricia Harpring

Examples are for item-level cataloging Group-level records also included in CONA



CONA ID: 700001950

Titles:

Shiva (nl; en) Shiva met de maan in het haar (nl) Shiva with the Moon in his Hair (en)

Catalog Level: item

Work Types: sculpture (visual work)

Classifications: sculpture (preferred)

Creation Date: 1000/1200

Creator Display:

anoniem sculptor: unknown Chola ULAN

udec	I in CONA IA, and othe	er CONA records
ļ	Sample record: Movab	le work
(nl) (en)	Locations: ULAN Current: Rijksmuseum (Amsterdar Netherlands) AK-MAK-1291; RMO van de Vereniging van Vrienden de Creation: Tamil Nādu (India) Mat & Tech: bronze founding Inde Dimensions: 40 cm (height) x 24c Events: exhibition: Metamorfoze/Gel AAT Cultures: Indian Chola General Subject: human figures (preferred) religion and mythology Specific Subjects: Shivá (Hindu iconography) mudrā (pose, <visual and="" represe<="" td=""><td>01.collect.910; Bruikleen er Aziatische Kunst AAT ex: bronze (metal) founding em (width) x 10.5 (depth) heugenproject Willem Witsen AAT TGN ULAN CONA IA</td></visual>	01.collect.910; Bruikleen er Aziatische Kunst AAT ex: bronze (metal) founding em (width) x 10.5 (depth) heugenproject Willem Witsen AAT TGN ULAN CONA IA
N	[link to Iconclass] Contributors & Sources: [Rijksmuser	um;VP]; Rijksmuseum XML file

CONA is linked to AAT, TGN, ULAN,

	Sa	mple record: B	IA,	NA is linked to AAT, TG and other CONA record	· · · · ·
Titles/Na Temple of Temple of (Beijin Di Tan (a Dìtán (al 地坛 (al Địa Đàn 地壇 (ja) Built Wo Temp	of Earth (en) of the Earth ng) (en) zh-tr) h-tr) n) (vi)	 Work Type: building complex temple Date: 1530 Creators: unknown Chinese architect; p Ming Shizong, Emp of China Location: Beijing (Beijing Shi (munici China) (nation) Address Note: 39°57'05"N 116°24" 	oatron: eror palit y), 36″E	Materials: masonry constru- various materials Dimensions: site: 40 hectares; square for General Subject: architecture Type: isness religion and mythology Exter purpose Specific Subject: Earth Extent: dedication Note: The Temple of the Earlocated in the northern part Beijing, just a few hundred y Contributors: Avery; JPGM; V Sources: Library of Congress online (2002-); J. Paul Getty Ma collections online (2000-); Great	AAT otprint ant: AAT TGN ULAN CONA IA arth TGN ULAN CONA IA arth Authorities USEUM,

CONA Issues and Status

 CURRENT PRIORITIES: Ongoing development of LOD format, so it may be linked to broader world (related to inhouse Getty JPGM, Special Collections, and Provenance Index)

 Rather arduous process: standards are evolving; priorities of technical efficiency vs. scholarly integrity (e.g., sourcing of data) must be balanced with technical = data must be usable and used

Outside projects (e.g., PHAROS)

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author: Patricia Harpring

CONA Issues and Status

Clearing the bottleneck Location Repository: Phy: CONA record, creator WorkType/Class/Level Creator Display Related Person/Corp Creation Date Location Physical Characteristics VorkType/Class/Level Creator Display Related Person/Corp Creation Date Location Physical Characteristics Koenig, Pierre (American architect, 1925-2004) 500086520 Inink to ULAN Stoo086520	 Improvement to online access and better statistics for loading Improvement in auto-linking 	Please change to this Search the CONA Find Title or ID: Work Type: AAT lookup Creator, etc.: ULAN lookup Materials: AAT lookup Location	Currently like this Cultural Obje Search the CON/ Find Title or ID: Note:	ects Name Authority® Online
CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2017 author: Patricia Harpring August 2017	CONA record, creator WorkType/Class/Level Creator Display Related Person/Corp Creation Da Person/Corp Label ULAN ID Koenig, Pierre (American architect, 1925-2004) (F 500086520 Koenig, Pierre (American architect, 1925-2004) 5000 link to ULAN	ate Location Physical Characteristics Role Extent architect/30010 086520		Browse Iconography Authority hierarchies

CONA Issues and Status

Clearing the bottleneck and encouraging contributions

Although each CONA record may contain dozens of fields of rich information, relationships, and links to other resources, the minimum required information for contribution comprises the following:

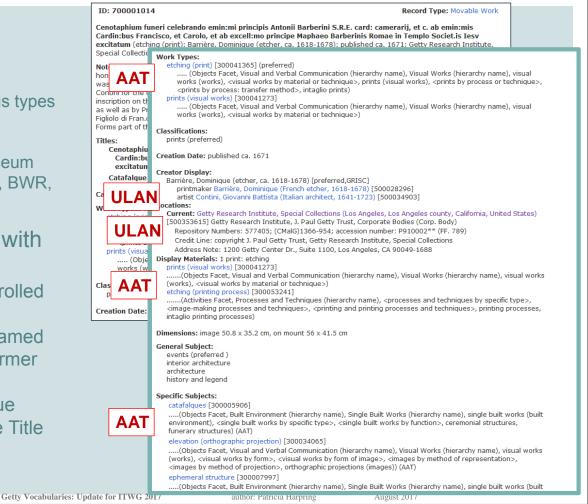
title(s)/name(s) source of title creator Default values are supplied work type where contributor may be date missing data current location repository ID, if any materials dimensions subject CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2017 author: Patricia Harpring August 2017

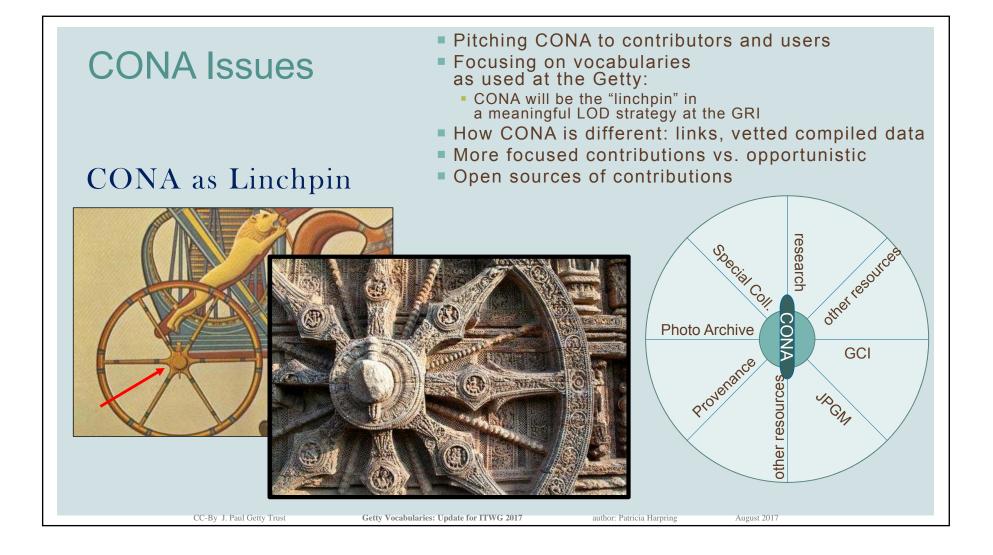
CONA Issues

- Working with contributions of various types of works
 GRISC (1,300 prints), JPGM
 Rijksmuseum, National Palace Museum
 Taipei, Staatliche Museen zu Berlin, BWR, and others
- Working out editorial rules with real data
 - Formatting of data and controlled lists in records
 - Uncertainty = unidentified named
 - Relationships are critical, former works
 - · Subjects provide added value

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• Links to Vocabs, Descriptive Title provide added value





Broadened Scope of CONA: Major subdivisions

Built Works

• Structures or parts of structures that are the result of conscious construction, are of practical use, are relatively stable and permanent, and are of a size and scale appropriate for-but not limited tohabitable buildings

Movable Works

• The visual arts and other cultural works that are of the type collected by art museums and special collections, or by an ethnographic, anthropological, or other museum, or owned by a private collector; Examples include paintings, sculpture, prints, drawings, manuscripts, photographs, ceramics, textiles, furniture, and other visual media such as frescoes and architectural sculpture, performance art, archaeological artifacts, and various functional objects that are from the realm of material culture and of the type collected by museums

Visual Surrogates

• Images and three-dimensional works intended to be surrogates for the works depicted, for example study photographs; does not include works considered themselves works of art (e.g., Julius Shulman)

Conceptual Works

• Multiples: records for series as a concept, conceptual records for multiples (made from same plate, negative, mold, etc.), and other similar records; physical works, such as prints that belong to a series, may be linked to conceptual record for the series (similar to FRBR "work")

Unidentified Named Works

· Works described in archival inventories or other sources, but their identity is not established (e.g., Provenance Index inventories, or named architecture in finding aids)

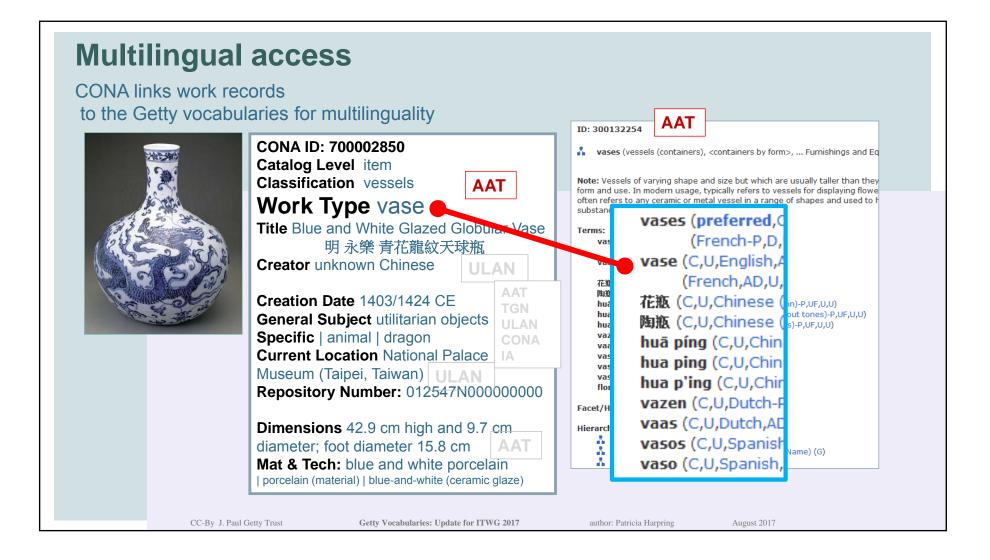
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August 2017

author: Patricia Harpring

CONA combines information about the work from different sources
Demonstrating how does CONA differ from a simple linking of information from the separate repositories?
 Provides indexing with the Getty vocabularies Data is normalized and more consistently fielded Subject indexing and descriptive titles are important value added Represents the information known about the work, not only the opinion of the repository Not only information for works in repositories, but also the following: <i>built works</i> <i>lost works, ephemeral works</i> <i>works never built</i> <i>reconstructed works</i> <i>multiples (conceptual works)</i> Links out to the open environment
CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2017 author: Patricia Harpring August 2017



Multiple opinions are captured

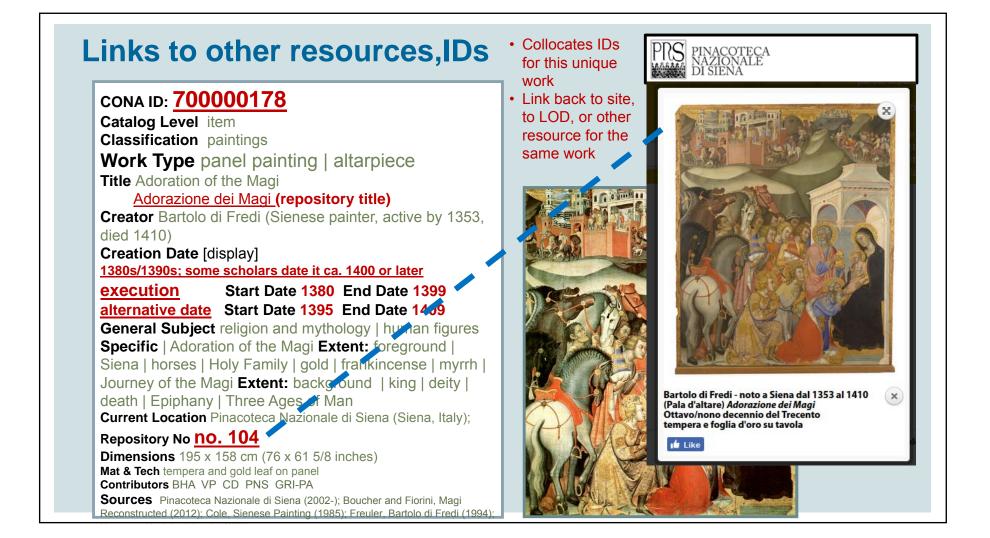
CONA ID: 70000178

Catalog Level item Classification paintings Work Type panel painting | altarpiece Title Adoration of the Magi <u>Adorazione dei Magi (repository title)</u> Creator Bartolo di Fredi (Sienese painter, active by 1353, died 1410)

Creation Date [display] 1380s/1390s; some scholars date it ca. 1400 or later execution Start Date 1380 End Date 1399 alternative date Start Date 1395 End Date 1409 **General Subject** religion and mythology | human figures Specific | Adoration of the Magi Extent: foreground | Siena | horses | Holy Family | gold | frankincense | myrrh | Journey of the Magi Extent: background | king | deity | death | Epiphany | Three Ages of Man Current Location Pinacoteca Nazionale di Siena (Siena, Italy); Repository No no. 104 **Dimensions** 195 x 158 cm (76 x 61 5/8 inches) Mat & Tech tempera on panel Contributors BHA VP CD PNS GRI-PA Sources Pinacoteca Nazionale di Siena (2002-); Boucher and Fiorini, Magi Reconstructed (2012); Cole, Sienese Painting (1985); Freuler, Bartolo di Fredi (1994); Harpring, Bartolo di Fredi (1992)

Date assigned by the repository is not agreed upon by all scholars, both recorded in CONA



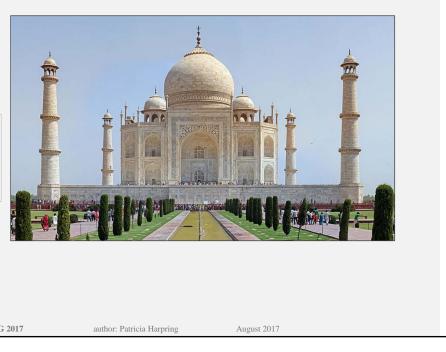


Data that may not be captured in other resources

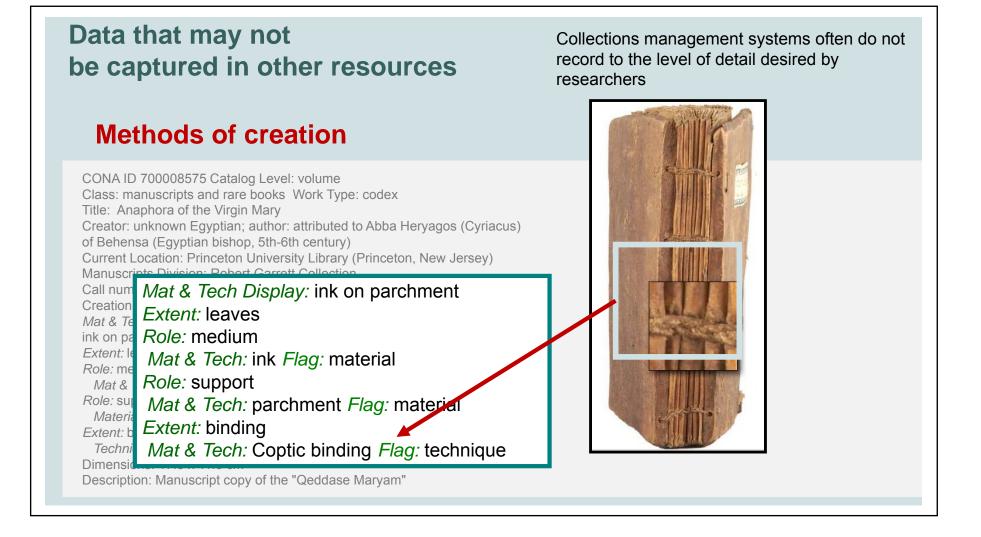
Creators and patronage

CONA ID 700000214 Classification architecture Work Type mausoleum AAT **Titles** Taj Mahal **Creator Display:** architect: Ustad Ahmad Lahauri (Indian architect, ca.1580-1649); ULAN patron: Shah Jahan (Mughal emperor AAT born ca. 1592) TGN ULAN Creation Date 1632-1653 General Subject architecture Type: isness **Specific** burial **Extent:** purpose | Mumtaz Mahal **Extent:** dedication | Shah Jahan Extent: dedication Current Location Agra, Uttar Pradesh, India; TGN 27°10'30"N 78°02'31"E Dimensions height: 561 feet (171 m) Mat & Tech: white marble CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2017

Patronage may not be recorded in some DBs; often, architect is unknown so patronage is critical

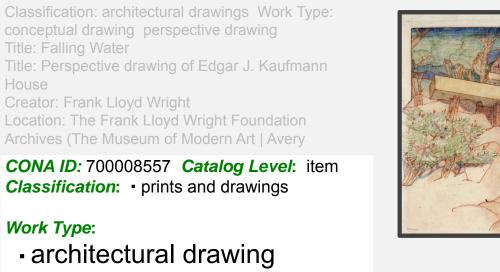


Data that may not be captured in other resources Anonymous masters & Unknown creators CONA ID 700008567 Classification ceramics Attribution to a culture is done differently by Work Type vessel different repositories; in CONA is normalized to AAT **Titles** Vulture Vessel allow good retrieval Creator Display: unknown Aztec Cultural Group: [ULAN 500202913] ULAN Creation Date 1200/1521 **General Subject** utilitarian objects Indexing Type: isness TGN religion and mythology **Specific Subject** IA New World vulture (Cathartidae (family)) Current Location Metropolitan Museum of Art (New York, New York): 1981.297 ULAN TGN Creation Place: Mexico Dimensions height: 8 3/4 inches Mat & Tech: ceramic AAT Culture: Aztec AAT CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2 August 201



Data that may not be captured in other resources

Purpose and method of representation



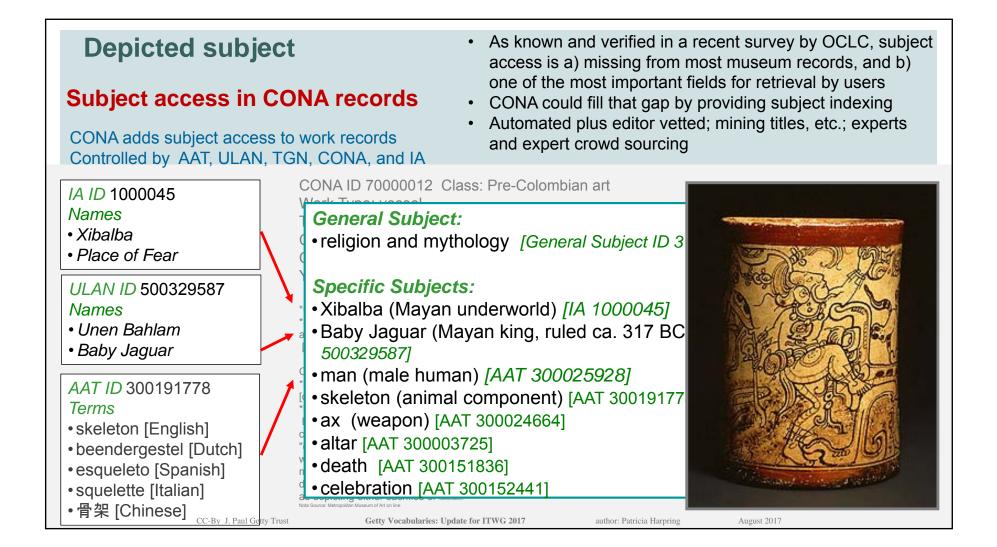
- perspective drawing
- conceptual drawing

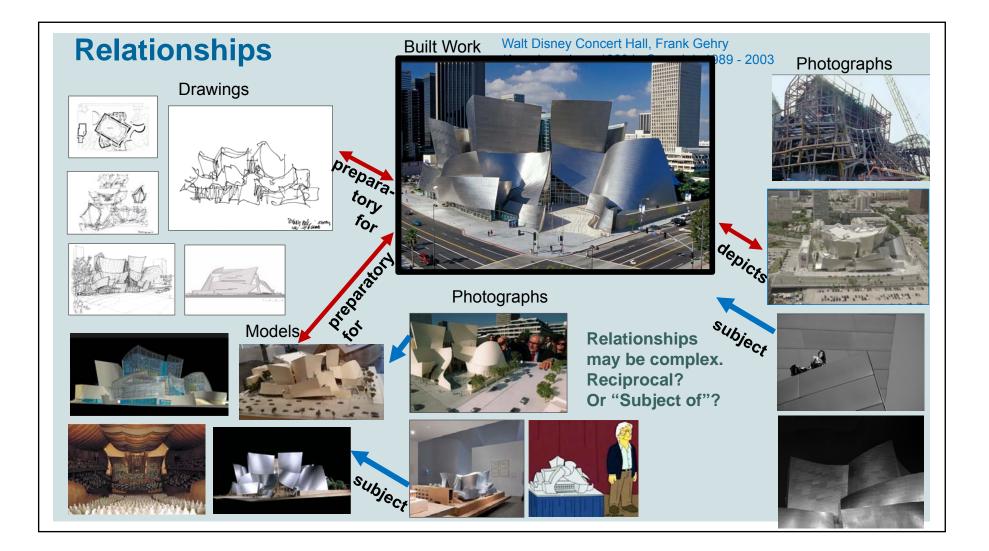
Data important to study of architectural drawings and other specific areas of study may be included

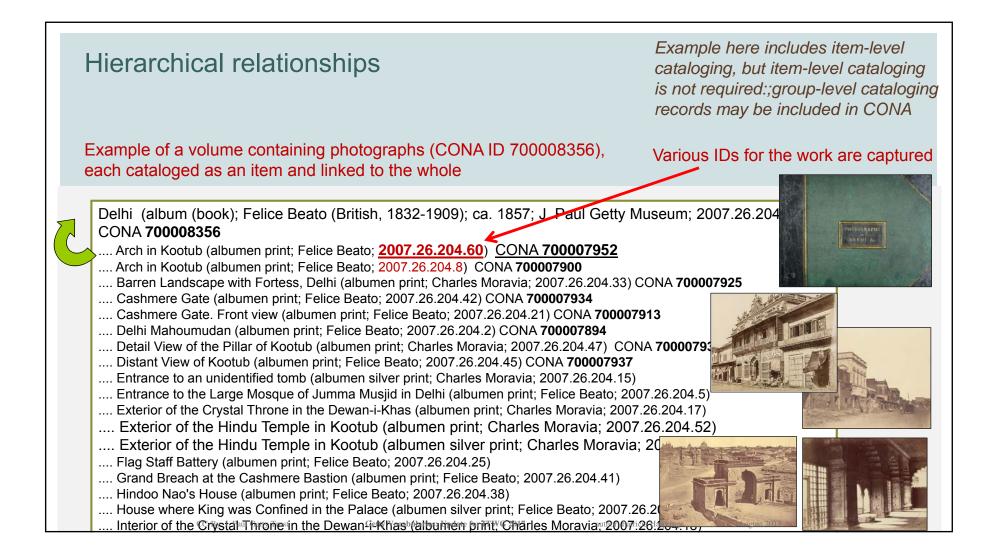


method of representation

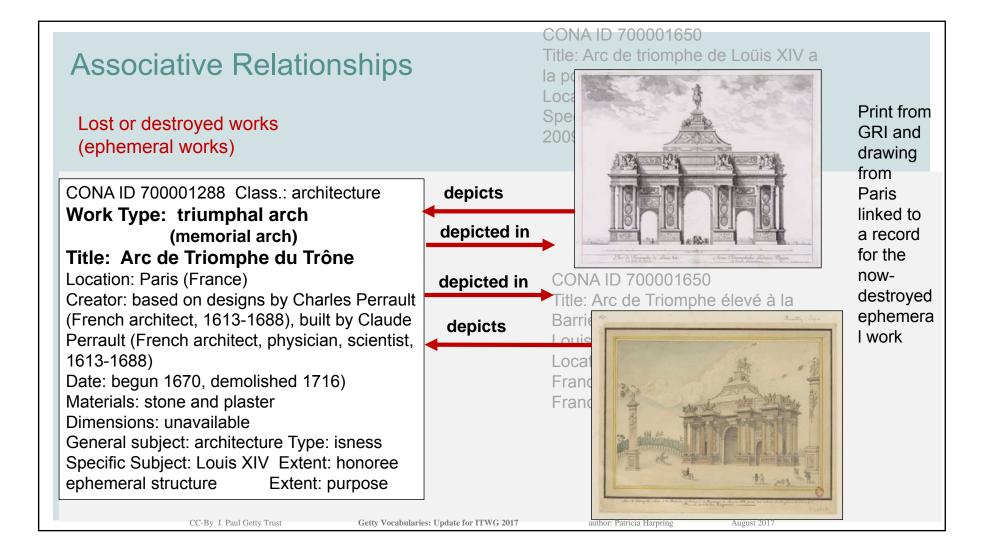
purpose

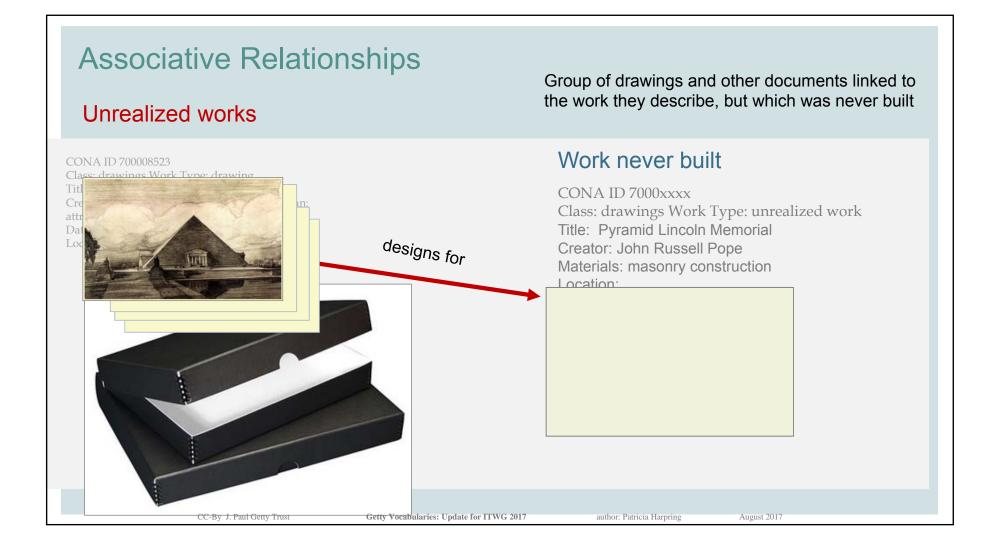


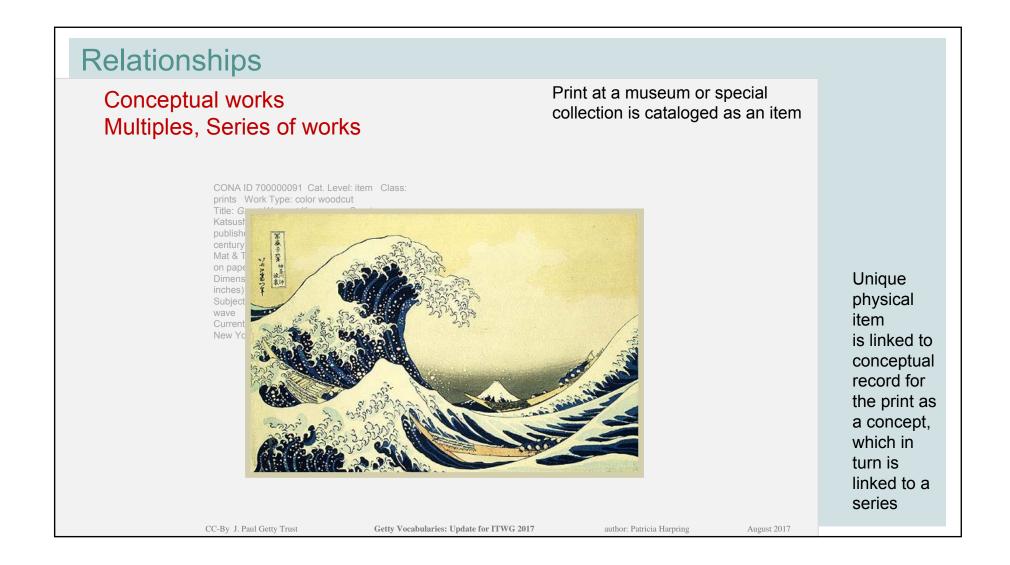


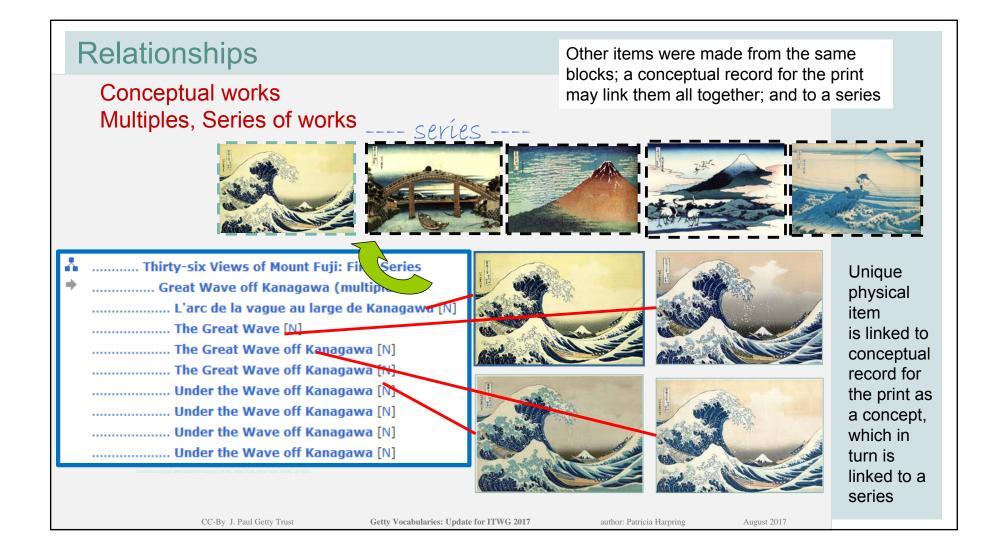


listorical Hierarchical Relationships	
 Disassembled works Reconstructed disassembled works held in different repositories or locations Common with <u>manuscripts</u>, paintings, sculpture, architecture, etc. May be varying opinions on reconstructions 	
Asciano Altarpiece Archangel Gabriel [N] Assumption of the Virgin [N] Saint Agatha and Saint Lucy [N] Saint Augustine [N] Saint Jerome [N] Saint Michael the Archangel [N]	
	CONA ID 700008554 Proposed reconstruction of Matteo di Giovanni's Asciano Altarpiece by Rachel Billinge. Extant panels are now in National Gallery London, Siena, Asciano, Villa I Tatti, Esztergom, Altenburg, Rhode Island, and Private Collections.

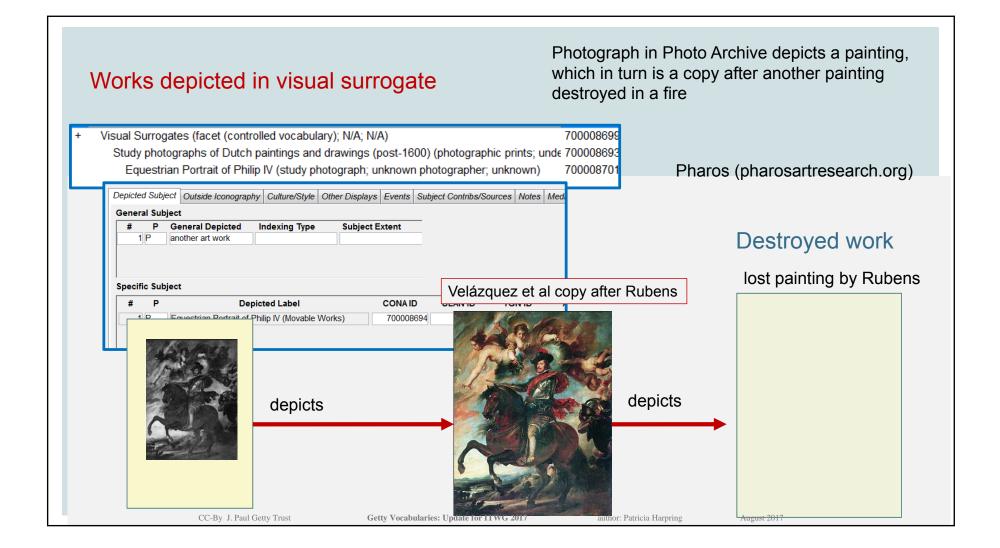








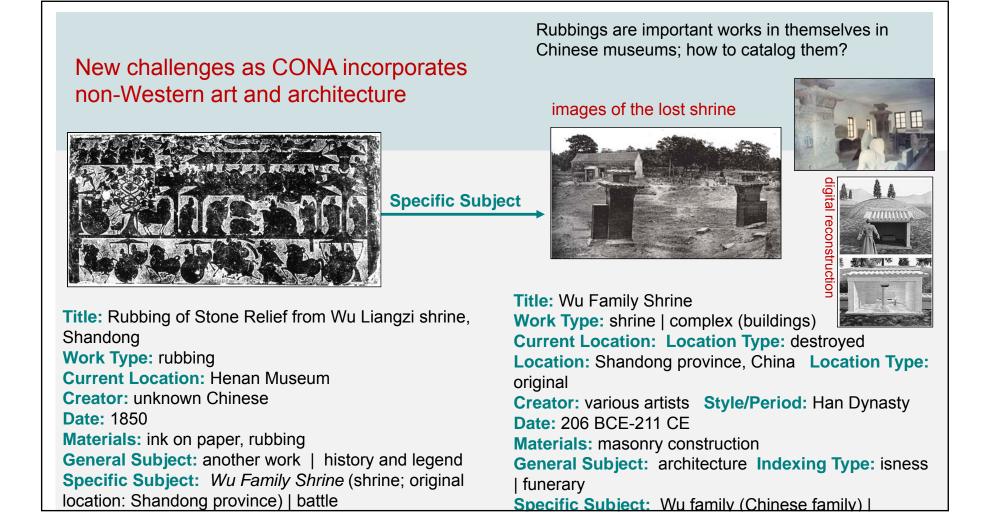


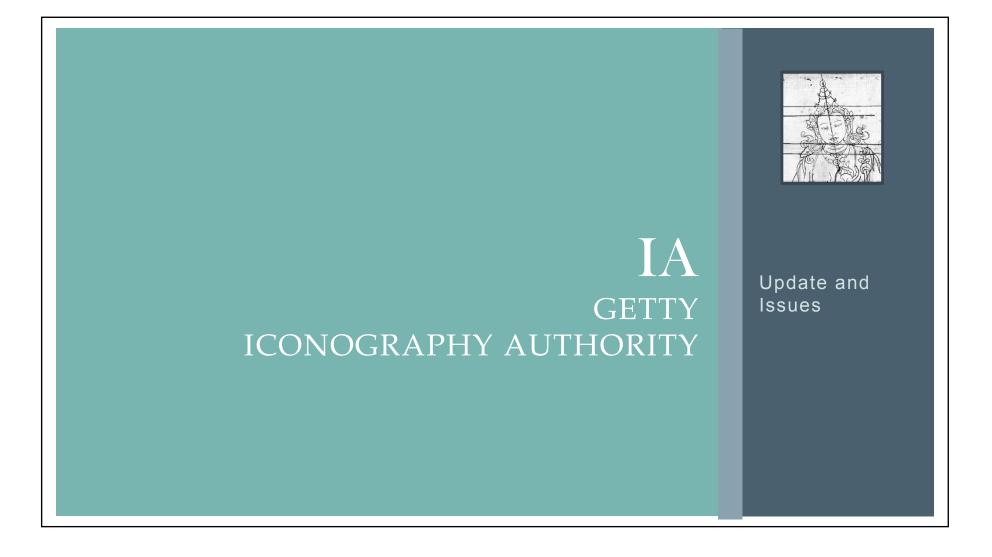


Works described in historical documents but not identified

Work listed in an inventory is unidentified; CONA may contain the information for this unidentified work

Top of the CONA hierarchy + Unidentified Named Works (facet (controlled vocabulary); N/A; N/A) Unidentified Named Movable Works (undetermined (information indicator); N/A; N/A) Paese (undetermined, 122 I-3410 (Corsini)) (painting (visual work); "Breughel," attril	700000000 700008700 700008862 butec 700008863	"Paese" in an inventory, attributed to a "Brueghel", but the precise work is undetermined
	(World, Top of the TGN hierar Note: Was in Palazzo Corsin quarta Transcription: E.5 v4 2 Titles: Paese (preferred,C,U,und Catalog Level: item Work Types: painting (visual work) [30 (Objects Facet, Vis	In 145, described as Inventory Description: Residence: Palazzo di Parione; Room: Parete Breughel. Piccolo paese; Item 122 Archival Inventory I-3410 (Corsini). determined,U,U) 00033618] (preferred) sual and Verbal Communication (hierarchy name), Visual Works (hierarchy name), visual I works by material or technique>) 00 0 10 Ceneral Subject: I andscape (representation) (300015636) (works), cvisual works by subject type>) (AAT) 0 0 0 0 0 0 0 0 0 0 0 0 10 10 0 11 10 12 13 14 14 14 14 15 16 17 18 19 10 10 10 10 10 10 10 10
CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG	2017	Provenace Index Databases, Inventories (1995-) p. 4, item 122 author: Patricia Harpring August 2017





Battle of Little Bighorn Nohochacyum Άμμων Valhöll Valhalla Pied Piper of Hamelin Rattenfänger von Hameln शिव Adorazione dei Magi Drei Könige



Naumachia tēs Salaminos

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IA, the Getty Iconography Authority Names, relationships, dates, other attributes, for named historical events, religious/mythological iconography, fictional characters and places, themes from literature (e.g., Adoration of the Magi, Zeus, French Revolution,

- Der Ring des Nibelungen, Reclining Buddha)
- Includes the proper names of depicted subjects not covered by other Getty vocabularies
- Thesaurus structure, links to Getty vocabularies, model from CDWA/CCO
- The IA is a module within CONA to support work records; over time, it could become a stand-alone authority through contributions









Getty Vocabularies: Update for ITWG 2017

author: Patricia Harpring



GETTY ICONOGRAPHY AUTHORITY

Sample record

Names in	<i>ID:</i> 1000085 <i>Names:</i> Avalokiteshvara	Links to other vocabs role/characteristic is bodhisatty symbolic attribute is lotus culture/religion is Mahayana (B culture/religion is Theravada (B	Suddhism)		
multiple languages Users may choose the name appropriate for their needs	Avalokiteśvara अवलोकितेश्वर धुक् रूषः ग्वेगुषः Spyan ras gzigs	 Associative Relationships associated with Krishna (Hindu iconography) counterpart is Guanyin (Buddhist bodhisattva) Note The bodhisattva of infinite compassion and mercy; embodies the compassion of all Buddhas. This bodhisattva is portrayed in different cultures as either 			
	<i>Qualifier:</i> Buddhist bodhisattva	female or male Hierarchical Relationships Top of the IA hierarchies Legend, Religion, Mythology Buddhist iconography Buddhist characters	<i>Contributors & sources</i> [VP] Encyclopedia Britannica Online (2002-); Bowker, Oxford Dictionary of World Religions (1997); Huntington, Art of Ancient India (1985); <i>LC: LC control no.: sh</i>		
	CC-By J. Paul Getty Trust	Avalokiteshvara (Buddhist bodhisattva) Getty Vocabularies: Update for ITWG 2017	85010492 author: Patricia Harpring August 2017		

IA Issues and Status

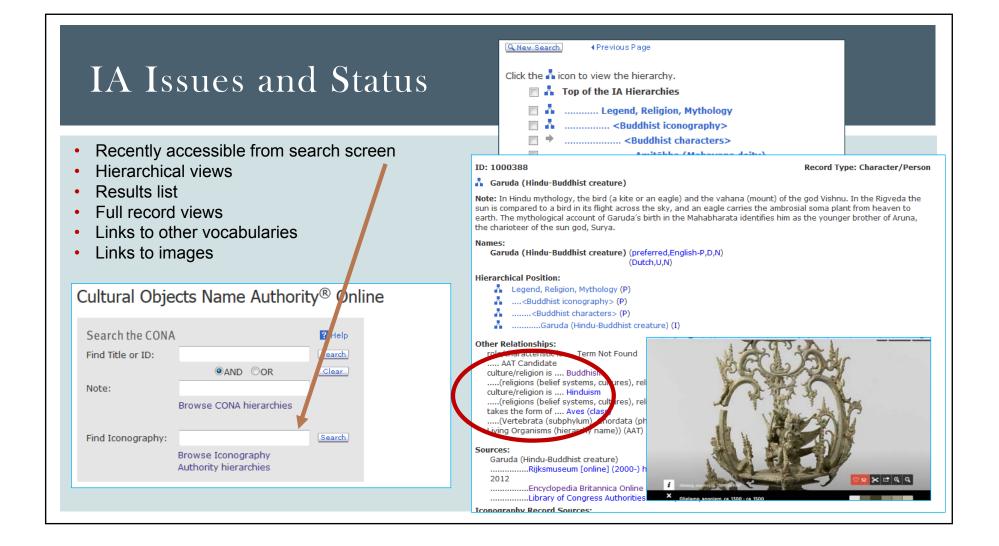
- Now is a module within CONA
- Interest by contributors to contribute directly to the IA: INHA, Buddhist iconography, Pre-Columbian, others
 - Hongxing Zhang (Senior Curator of Chinese painting, Victoria and Albert, State Administration of Cultural Heritage (SACH) in Beijing and Academia Sinica
- No comparable source for subject access exists, global in scope
- Includes links to other resources, e.g., LOC authorities, Iconclass, Princeton Index
- CURRENT PRIORITIES: We are open to contributions

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Getty Vocabularies: Update for ITWG 2017

author: Patricia Harpring

 http://www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_3_subject_authority.html#3_6_3_1_iconography_authority Contributions in spreadsheets Consult with Voca regarding fields included Minimum fields below 									
PARENT	REC TYPE	IA ID	NAMES	LANG	D, A, U	SOURCES	QUALIFIER	SN	SOURCES
	·								



Topics not in other Getty vocabularies	Legend, Religion, Mythology
 Legend, Religion, Mythology Literature and Performing Arts Miscellaneous Topics Named Events 	<pre> <amerindian iconography=""> <ancient eastern="" iconography="" near-middle=""> <buddhist iconography=""> <chinese iconography=""></chinese></buddhist></ancient></amerindian></pre>
	······ <buddhist narratives=""></buddhist>
<literary <european="" and="" history="" narrat="" themes=""> <named <global="" and="" events="" historical="" perforn="" written=""> Specific performances [N] <named exhibitions=""> <named events="" natural=""></named></named></named></literary>	
Miscellaneous Topics <north american="" and="" history<="" south="" td=""> </north>	 <pre></pre>

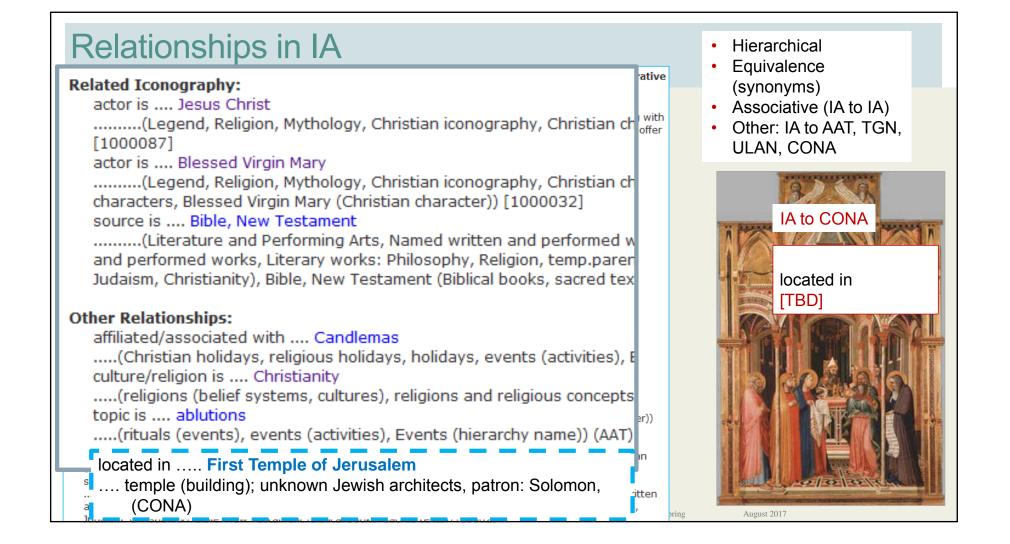
IA Issues	
Providing access	Top of the IA Hierarchies
Clearing the bottleneck	 < <european history=""></european> <
 "holding" records, available for linking as 	
subject_id unlikely to change	Battle of Jutland (European history, 1916) Battle of Las Navas de Tolosa (European history, 1212)
 "Holding" is separate here and in all 	
vocabularies from "Candidate Records," which are so	
rudimentary or out of scope that they are not published	Black Death (European history, plague, 1346-1353)

Relationships in IA Hierarchical Equivalence ID: 1000094 Record Type: Legendary Plac (synonyms) Niflheim (Norse legendary place) • Associative (IA to IA) Note: In Norse mythology, the cold, dark, misty world of the dead, ruled by the goddess Hel. In some accounts it was Other: IA to AAT, TGN, the last of nine worlds, a place into which evil men passed after reaching the region of death (Hel). Situated below one ULAN, CONA of the roots of the world tree, Yggdrasill, Niflheim contained a well, Hvergelmir, from which many rivers flowed. In the Norse creation story, Niflheim was the misty region north of the void (Ginnungagap) in which the world was created. IA to IA Names: Niflheim (Norse legendary place) (preferred, English Niflheimr (Norse legendary place) (Nordic language, Rel Type Name Nivlheim (Norse legendary place) (English,U,N) 5110 - meaning/usage overlaps w - Hel Nylfheim (Norse legendary place) (English,U,N) Neiflheim (Norse legendary place) (English,U,N) Code Related Code Releated Entity Name Entity Nibelheim (Norse legendary place) (English,U,N) meaning/usage overlaps with meaning/usage overlaps with Nebelheim (Norse legendary place) (German,U,N) Dunkelheim (Norse legendary place) (German,U,N) 5111 has parallels with 5111 has parallels with 5111 Dimhöljda Världen (Norse legendary place) (English 5112 5112 5112 opposite of opposite of Monde de la brume (Norse legendary place) (French House of Mists (Norse legendary place) (English,U,P 5113 5114 is inspiration for 5113 inspired by Terra delle nebbie (Norse legendary place) (Italian, 5114 is inspiration for 5113 inspired by 5114 **Hierarchical Position:** 5115 5116 is basis of 5115 based on Legend, Religion, Mythology (P) 5116 is basis of 5115 based on 5116 _ **Related Iconography:** meaning/usage overlaps with Hel(Legend, Religion, Mythology, Norse iconog Norse legendary place)) [1001116] role/characteristic is underworld (doctrinal concept) August 2017 arpring

D: 1000707	Record Type: Character/Person Equivalence	
Anubis (Egyptian deity)	(synonyms)	• •
lote: Ancient Egyptian god of the dead, represented by a jackal or Idest known reference to Anubis is in the Pyramid Texts of the Old		
Display Date: before 2686 BCE	ULAN, CONA	
lames: Anubis (Egyptian deity) (preferred,English-P,D,N) Anpu (Egyptian deity) (English,U,N) "Avouβις (Egyptian deity) (Greek,U,N) lierarchical Position:	IA to AAT	
Legend, Religion, Mythology (P)		
Other Relationships:	Rel Type	
role/characteristic is deities	role/characteristic is	
(people in religion, people in religion	Culture/religion is	
people (agents), People (hierarchy name	e)) (AAT) takes the form of	
culture/religion is Egyptian (ancient) (Mediterranean (Early Western Work	d), Early Western World, styles, period	
Periods (hierarchy name)) (AAT)	language is	
takes the form of jackals	author is	
(Canis (genus), Canidae (family), Car	nivora (order), Mammalia (class), 🛛 🗰 patron is	
(phylum), Animalia (kingdom), Eukaryota	a (domain), living organisms (entitient takes the form of	
(AAT)	deity/patron of	E

protagonist in his monumental epic poem "La	Record Type: Character/Person • Equivalence (synopyme)
Names: Beatrice (Italian literary character, Dan Béatrice (Italian literary character, Dan Related Iconography: is actor for Divine Comedy, Th 	(Italian-P,D,N) e, ca. 1293) (French,U,N)
[1001135]	author is
identified as Portinari, Beatrie (Non-Artists) (ULAN) located in Italia (Europe) (TGN)	haracters people (agents), People (hierarchy name)) (AAT) e (Florentine noblewoman, 1266-1290) an poet, theorist, and philosopher, 1265-1321)

Opium Wars (Chinese-European history, 1839-1842; 1856-18 Note: Two armed conflicts in China in the mid-19th century between the second seco	60)		(synonyms)	
Note: Two armed conflicts in China in the mid-19th century between th		•	Associative (IA to IA)	
France) and of the Qing dynasty, which ruled China from 1644 to 1911		•	Other: IA to AAT, TGN,	
Display Date: 1839-1842; 1856-1860			ULAN, CONA	
Names: Opium Wars (Chinese-European history, 1839-1842; 1856-18 Guerres de l'opium, Les (Chinese-European history, 1839-184)				
Hierarchical Position:		100		
Named Events (P) <european history=""> (P)</european>			IA to TGN	
<holding: check="" editorial="" european="" history=""> (P)</holding:>			Rel Type	
Other Relationships: role/characteristic is wars (armed conflicts, events (activities), located in China (Asia) (TGN) belligerent was Britain (Europe) (TGN) actor is Qing Dynasty (Chinese dynasty, 1644-1912) (ULAN) belligerent was France (Europe) (TGN)			belligerent was originated in identified as published in actor is belligerent was patron/protector of	



EXAMPLE Relationships may be complex

NB: Name = Term Descriptive Note = Scope Note

[IA 1000384]

Names: Hell (Christian iconography) (preferred, English) [term 5000533] Hades (Christian iconography) [term 5001369]

Desc. Note: In Christian doctrine, the place of punishment for the damned, including demons and humans.

[IA 1000849] Names:

<u>Hades</u> (Greco-Roman legendary place)(preferred, English) [term 5001029]

Desc. Note: The kingdom of the god Hades, the lower world and the abode of departed spirits or shades.



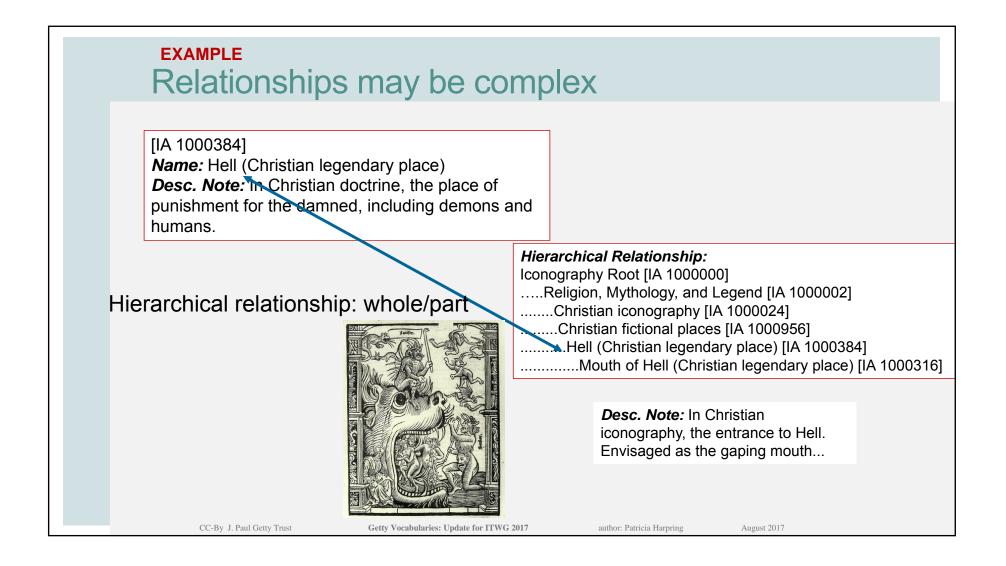
Homographs: No direct relationship



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author: Patricia Harpring



EXAMPLE Relationships may be complex

Associative Relationship: [IA 1000384] a direct relationship Name: Hell (Christian legendary place) Desc. Note: In Christian doctrine, the place of Desc. Note: The punishment for the damned, including demons and triumphant descent of humans. Christ into hell or limbo between the time of Associative Relationship [Link to IA]: his Crucifixion and his Type: location of Descent into Hell (Life of Christ) [IA 1000383] Resurrection, when ... Scope Note: Place or Link to AAT: state of extreme or Type: role/attribute eternal suffering, hell (doctrinal concept) [AAT 300185657] usually inflicted as punishment upon the wicked or the Link to AAT: Designating the nonbelieving, role/attribute = "hell" common to several religions and mythologies... CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITWG 2017 st 2017

EXAMPLE Relationships may be comple

[IA 1000384]

Name: Hell (Christian legendary place) (preferred, English)

Desc. Note: In Christian doctrine, the place of punishment for the damned, including demons and humans.

[Link to AAT]

Type: role/attribute

hell (doctrinal concept) [AAT 300185657]

- IA records for hell and the underworld in • different cultures are not linked directly to each other
- But can be retrieved on search through AAT:
 - for IA records having Type: role/attribute and Link to the AAT *hell* and its related concepts, which are underworld and hereafter Paul Getty Trust

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[IA 1000849]

Names: Hades (Greek and Roman legendary place)(pref., English) Desc. Note: The kingdom of the god Hades, the lower world and the abode of departed spirits or shades. [link to AAT] Type: role/attribute underworld (doctrinal concept) [AAT 300343823]

[IA 1001123]

Names: Diyu (Chinese legendary place)(preferred, English) 地獄 (Chinese) Desc. Note: Realm of the dead in Chinese mythology. It is loosely based on a combination of the Buddhist concept of Naraka, traditional Chinese beliefs about the afterlife, and a variety of popular traditions. [link to AAT] Type: role/attribute hell (doctrinal concept) [AAT 300185657] Associative Relationship: Type: associated with Naraka [IA 1001121]

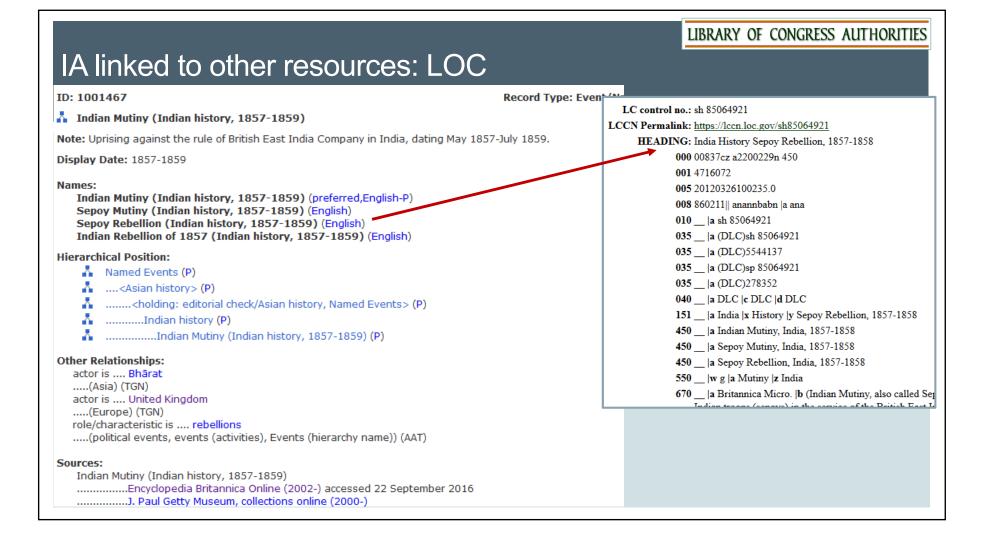
[IA 1000045]

Names: Xibalba (Mayan legendary place) (preferred, English) Desc. Note: Mayan underworld, described in the Popol Vuh as a court below the surface of the Earth associated with death and with twelve aods or powerful rulers.

[link to AAT] Type: role/attribute underworld (doctrinal concept) [AAT 300343823]

[IA 5001367]

Names: Hel (Norse legendary place) (preferred, English) In Norse iconography, the home of the goddess Hel and place of the afterlife. A place of varying descriptions, described as a destination after death. Later combined with the concept of Niflheim. [Link to AAT] Type: role/attribute hereafter (place, doctrinal concept) [AAT 300404168] Associative Relationship: Type: meaning/usage overlaps Niflheim [IA 1000094] August 2017



We will follow up with the Princeton Index regarding linking Focus of Princeton Index is limited to Medieval Christian ٠

•

IA linked to other resources: Princeton Index subjects



D: 1001052	Record Type: Event/Narrat	tive		
Annunciation to the Virgin Mary (Christian iconog	aphy)	System Nu	nber	000173624
Note: Narrative in which Mary the angel Gabriel was ser	nt to the Virgin Mary at Nazareth to inform her that she would	Uplink		Main record
onceive a child miraculously; she was impregnated at t	hat moment. Examples of depictions include the Virgin at pray	ver Code		43 B65 MFArt T01,001
	The angel and Mary may be on opposite sides of a void, such the heavenly world. Basic story is from Luke 1:26-38.	as Location		Boston: Museum, Museum of Fine Arts
	lu de heaveniry world. Basic story is from Luke 1:20-36.	Inventory		● <u>58.354</u>
Names: Annunciation to the Virgin Mary (Christian iconog	canby) (preferred English-P D)	Madium		
Annuniciation (Christian iconography) (English,U,N		rinceton	Index of (Christian Art
Mary, Blessed Virgin, Saint, Annunciation (Christia	an iconography) (English)	the line	arinaatan	odu/
Annunciation to the Blessed Virgin Mary (Christian Annunciazione (Italian-P,D,N)	Ticonography) (English)	.tps.//ica.	princeton	.edu/ n, w. 3.2cm (closed), w. 6.2cm (open)
Annunciazione della Beata Vergine Maria (Italian, U))		0.11	<u> </u>
lierarchical Position:	Br	owse List	: Subject	
Legend, Religion, Mythology (P)	No	o. of Recs	Brief Recs	
👗 <christian iconography=""> (P)</christian>		50+	*	Virgin Mary: Annunciation
		27		Virgin Mary: Annunciation at Spring
		4		Virgin Mary: Annunciation, Gabriel departing
Annunciation to the virgin Mary (C		14		Virgin Mary: Annunciation, Gabriel sent
Related Iconography:		31		Virgin Mary: Annunciation of Death
actor is Blessed Virgin Mary (Legend, Religion, Mythology, Christian iconog	aphy, Christian characters, holding: editorial check/Chri	2		Virgin Mary: Annunciation of Death, Gabriel se
characters, Blessed Virgin Mary (Christian character))		3		Virgin Mary: Annunciation, Type Foetus
actor is Gabriel, Archangel (Legend, Religion, Mythology, Old Testament in	onography, Old Testament characters, holding: editoria	9		Virgin Mary: Arrival in Heaven
check/Old Testament characters, Gabriel, Archangel)		22		Virgin Mary: as Intercessor
associated with Virgin Birth	anny Christian allogony symbolism theme holdings of	50+		
	aphy, Christian allegory, symbolism, theme, holding: ed gin Mary, Virgin Birth (Christian iconography)) [1001160	007		Virgin Mary: Assumption
source is Bible, New Testament				

IA linked to other resources: Iconclass

ICONOLOGIA CONCERSS

- In some subject areas, Iconclass ٠ goes into much more specific detail than would be included in IA
- Thus both can be used together
- How specific is practical for indexing?

headings)

71A54 the punishment of Adam and Eve Top of the IA Hierarchies 71A55 Adam and Eve are clothed by God 71A51 Adam and/or Eve overcome with repentance Legend, Religion, Mythology 71A53 Adam and Eve reproved by God 71A4232 Eve (alone) holding the fruit <Old Testament narratives> 71A422 Eve offers the fruit to Adam Adam and Eve (Biblical story) 71A41 Temptation and Fall (scenes with Eve alone) Adam and Eve in the Garden of Paradise 71A522 Adam and Eve hide from God Fall of Man 71A531 Adam (alone) reproved by God; Adam blames Eve 71A412 Eve takes the fruit IA broader, ease of use for indexing 71A411 the serpent tries to persuade Eve to take some of the fruit (usually an apple) 71A551 Adam and Eve receive tools, usually a spade and a spindle subject matter of a work 71A5 Temptation and Fall: Adam and Eve in paradise (after the Fall) (Genesis 3:8-21) Iconclass, more helpful telling you 71A423 Adam and Eve holding (and possibly eating) the fruit what image you have (comparing 71A424 Adam and Eve discover their nakedness: they cover themselves with their hands or with leaves what you see to the lconclass

71A35 Adam and Eve in paradise (before the Fall)

71A542 punishment of Eve (alone)

71A42 Temptation and Fall (scenes with both Adam and Eve)

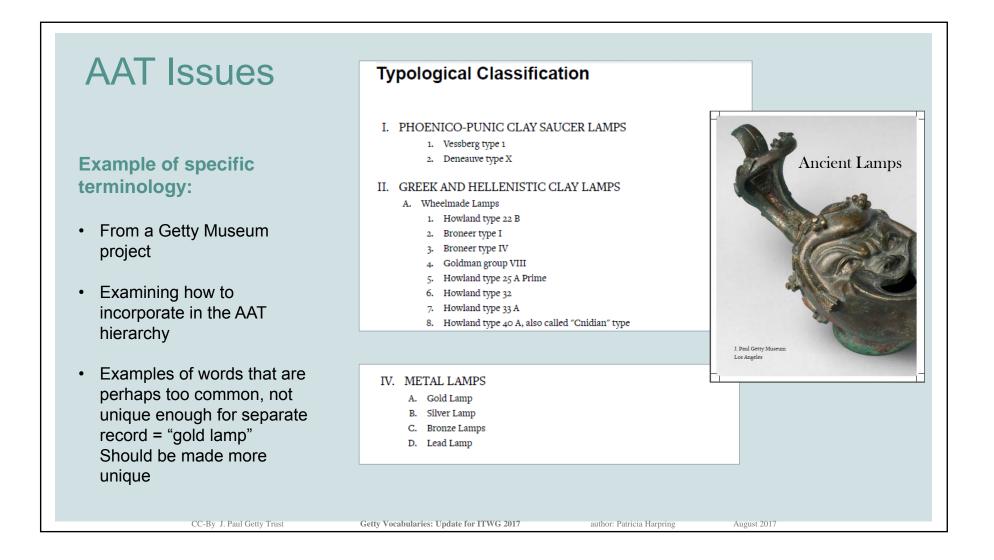
71A5 Temptation and Fall: Adam and Eve in paradise (after the Fall) (Genesis 3:8-21)

11I63(EVE)33 Eve in the shape of a serpent with a woman's hea 71A532 Eve (alone) reproved by God; Eve blames the serpent

- 71A521 God calls Adam and Eve to account for their deed
 - pages 1 2 next >

ID: 1000428 Å Adam and Eve in the Garden of Paradise	Eden. The two were persons of innocence until Eve yielded to the d her in eating the faither faither faither that the table to ta
punishments—for the woman, pain in childbirl ground with which he must toil and sweat for Names: Adam and Eve in the Garden of Paradise Adam and Eve in Paradise (Abrahamic n Adamo ed Eva nel paradiso terrestre (A Hierarchical Position: Legend, Religion, Mythology (P) Legend, Religion, Mythology (P) Legend, Religion, Mythology (P) Legend, Religion, Mythology (P) Legend, Religion, Mythology (P) Legend of Adam and Eve (Al Legend of Adam and Eve (Al Legend of Adam and Eve in the Gard Related Iconography:	 and subordination is subsistence. (Abrahamic religio ligion narrative) (F rahamic religion na n of Paradise (Abra Afrance religion narrative (Abrahamic religion narrative) (Abra Adam and Eve in the Garden of Paradise (Abrahamic religion narrative) Catholic Encyclopedia [online], republished from 1913 edition (2003-) Catholic Encyclopedia [online], republished from 1913 edition (2003-) Catholic Encyclopedia [online], republished from 1913 edition (2001-)
actor is Adam (Legend, Religion, Mythology, Old Te religion character)) [1000219] actor is Eve (Legend, Religion, Mythology, Old Te character)) [1000205] has as location Garden of Eden (Legend, Religion, Mythology, Old Te (Abrahamic religion place)) [1000949]	Adamo ed Eva nel paradiso terrestre (Abra

	Patricia Harpring Managing Editor Getty Vocabulary Program
	1200 Getty Center Drive Los Angeles, CA 90049
Α	310/440-6353
CC-By J. Paul Getty Trust Getty Vocabularies: Update for ITV	pharpring@getty.edu WG 2017 author: Patricia Harpring August 2017



Origins and Development of the Getty Vocabularies

Thanks to the visionaries committed to art information access for research and cataloging

- Late 1970s = AAT: architectural historians, visual resources professionals, art literature indexing projects
- Thesaurus per MeSH , plant and animal taxonomies; compliant with ISO
- WHY? The potential for thesaural relationships to allow linking, and linking would eventually allow retrieval based on more complex questions: Return all oil paintings created by 17thcentury Dutch artists working in Italy, where the works were since destroyed or lost
 - Began with terms from LOC and local word lists
 - Williams College, Clark Art Institute; panel of architectural historians, CASVA
- Model relied upon contributions from the user community and experts, coordinated by a central editorial team
- The Getty = early trailblazer in a) committing resources to realizing the promise of standards and vocabularies for art information, b) bringing together disparate communities







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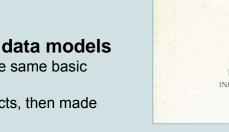
Getty Vocabularies: Update for ITWG 2017

author: Patricia Harpring

Origins and Development of the Getty Vocabularies

Thanks to the visionaries committed to art information access for research and cataloging

- Building community consensus: CDWA (Categories for the Description of Works of Art), FDA Guide (FDA Guide to the Description of Architectural Drawings), CCO (Cataloging Cultural Objects, published by ALA)
- · Consensus on fields for art cataloging and also for "authorities"
- Compromise and agreement across communities re. best practice: scholars, museums, art libraries, special collections, archives
- Including the Getty, NGA, NARA, LOC, Met, MFA Boston, Smithsonian museums, Princeton, Yale, Harvard, Uffizi, Victoria & Albert, Witt, BHA, RIBA, many others
- CONA and IA from CDWA/CCO models
- CIHA TAU = starting point for ULAN &TGN data models
- Had different origins, but now all Getty vocabularies share same basic structure
- Visionaries at Getty; cataloging resources for Getty projects, then made available for broader use



COMITÉ INTERNATIONAL D'HISTOIRE DE L'ART Thesaurus Artis Universalis Committee

International Database of Artists' Biographical Data

Manual

Jacques Thuillier with Marie-Françoise Clergeau

CC-By J. Paul Getty Trust

Getty Vocabularies: Update for ITWG 2017

author: Patricia Harpring

refvp N 380 .B3513 1991

Origins and Development of the Getty Vocabularies

- First contributions = paper forms, entered by hand
- Now = XML contribution formats, parsing native data structures, online form for entering one at a time
- Getty IT dedicated team; critical = close ties to technology (Getty Digital)
- Systems allowing merging of different data sets, finding duplicates, editing, creation of hierarchies, publishing
- Published in hard copy, various release file formats, LOD

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Search Tools & Databases		
Primo Search	Contribute to the Getty Vocabularies	
Getty Research Portal Collection Inventories & Finding Aids Photo Archive	The Getty vocabularies are compiled resources that grow through contributions from various Getty projects and outside institutions. Contributors to the Getty vocabularies include museums, libraries, archives, special collections, visual resources collections,	
Research Guides &	bibliographic and documentation projects, and large translation projects.	
Bibliographies Digital Collections	Contributions must meet the following criteria: they must be submitted by an authorized contributor; must be within scope of the vocabulary; must include the	
Article & Research Databases Collecting & Provenance	minimum information; and must be submitted in the prescribed format, as described	
Research	below. By contributing data to the vocabulary, the contributor agrees to its contributed data becoming a permanent part of the vocabulary, which is made available in several	
BHA & RILA Getty Vocabularies	formats, including as Linked Open Data.	
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