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Vocab Program Updates

Focusing on TGN, ULAN, and AAT

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Recent activities

- Processing contributions and maintaining databases
- Coordinated ongoing Dutch, Spanish, Chinese translation issue resolutions
- Training and coordinating AAT contributors from GCI
- Entering and vetting CONA contributions
- Testing CONA browser and CVA (Contribution Validation Application, formerly called Preprocessor or Processor)
- Research and decision-making on LOD issues
- Presented on the Getty vocabularies published as LOD at SAA, AAM, and ALA
- Presented workshop on vocabularies and cataloging in Brazil hosted by Pinocoteca do Estado de São Paulo

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Statistics: Current non-candidate records and terms in databases

- Totals of published (non-candidate) records in vocabularies Dec. 2012

	records	terms
AAT	36,114	244,665
TGN	1,241,020	1,799,859
ULAN	222,851	581,525
CONA	1,011	1,887

- Much has been accomplished, with small editorial and technical staff, with help from contributors

Total records including candidates

2011			
AAT:	51,029	AAT:	50,007
TGN:	1,432,253	TGN:	1,348,067
ULAN:	249,190	ULAN:	249,240
CONA:	2,653	CONA:	143

Total terms including candidates

2011			
AAT:	267,334	AAT:	247,885
TGN:	2,035,658	TGN:	1,887,748
ULAN:	638,965	ULAN:	636,676
CONA:	4,850	CONA:	255

- Totals of non-candidates in 2011

AAT	34,855	222,787
TGN	992,237	1,310,449
ULAN	203,017	540,824

Records added or edited since Nov. 2011

AAT:	15,029
TGN:	90,495
ULAN:	12,093
CONA:	2,579

Statistics: Records processed

	Nov (18 days)	Dec (15 days)	Jan (19 days)	Feb (19 days)	March (20 days)	April (19 days)	May (20 days)	Jun (18 days)	July (19 days)	Aug (21 days)	Sep (17 days)	Oct (21 days)	Nov (19 days)	TOTAL RECS	TOTAL CITS
AAT records	348	294	571	2,063	1,372	21	501	100	591	142	273	578	404	7,258	954
AAT citations	53	9	38	97	52	18	20	33	64	55	151	215	149	149	954
ULAN records	1,301	937	1,675	1,610	1,550	3,024	218	3,099	3,568	675	263	387	712	19,019	1,439
ULAN cits	24	21	1,092											42	72
TGN records	48,996	34,004	30,711												
TGN citations	3	0	1												
CONA records	9	10	0												
CONA citations	2	11	0												
CONA Processor	0	0	0												
Total Edited	50,736	35,286	34,088												

- Number of records edited or newly published since November 2011
- Quotas based on tasks required and the quality and consistency of the data (e.g., "moving" in TGN faster than processing CONA)

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Records loaded, by contributor

Log of Data Loads as of	contributor	contribution	total number recs	total auto-merged	inserted as New	VCS processing notes
Nov-07	AAT					
Oct-07		Spanish terms	30,976			processed
Mar-08		Dutch terms	30,868			issued
Apr-10		Chinese terms	3,125			processed
Nov-10		Stub records	60			processed
Sep-11		Stub records	40			processed
Nov-11		Conservation terms	8,441			processed
Jan-12		Stub records	40			processed
Jul-12		Stub records	40			processed
Aug-12		Various CONA, GCI	754			processing
Oct-12		Stub records	95			processing
Nov-12		Stub records	95			processing
Dec-12	TEL-DAP	Chinese terms	received: 5,348			processed
Nov-10	Grove Art	artists	16,604	10,594		in process
Feb-11	GRI Library	artists	12,860	6,322		in process
	GRI Spec Coll	artists	3,057	71		next to do
Jan-12	ARTstor	artists & repositories	7,071	0		pending processing
Jun-12	GRISC	stub records	407		407	pending processing
Jul-12	GRISC	stub records	406		406	pending processing

■ Log of data loaded into AAT

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Records loaded, by contributor

Log of Data Loads as of	contributor	contribution	total number recs	total auto-merged	inserted as New	VCS processing notes
November 2012						
Oct-07	AAT					
Mar-08		French terms	30,868			processed
Apr-10		Artists	5,288			issued
Nov-10		Repositories	12,939			issued
Sep-11		Artists	16,604			issued
Nov-10		Artists	12,860			issued
Jan-12		Artists	3,057			issued
Jul-12		Artists	3,057			issued
Aug-12		Artists & repositories	7,071			issued
Oct-12		Stub records	407		407	issued
Nov-12		Stub records	406		406	issued
Dec-12		Various from CONA	269			issued
Nov-12		Stub records	95			issued
Nov-10	GRI Spec Coll	artists	3,057	71		next to do
Jan-12	ARTstor	artists & repositories	7,071	0		pending processing
Jun-12	GRISC	stub records	407		407	pending processing
Jul-12	GRISC	stub records	406		406	pending processing

■ Log of data loaded into ULAN

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Records loaded, by contributor

Jun-10	NGA/NIMA	Italy	25,985	
Oct-10	NGA/NIMA	Greece	20,461	
		Germany	157,785	
Nov-10	NGA/NIMA	Belgium	20,238	
		Netherlands	17,004	
Feb-11	NGA/NIMA	Mexico	92,880	
		Spain	40,616	
		Chile	32,936	
Sep-11	NGA/NIMA	Taiwan	36,575	
		United Kingdom	25,465	
Jan-12	NGA/NIMA	New Zealand	16,156	
Mar-12	NGA/NIMA	Egypt	24,369	
Jun-12	GRISC	Stub records	8	
Oct-12	VP	Various from CONA	82	
Nov-12	JPGM	Stub records	12	
Dec-12	NGA/NIMA	India	48,337	

■ Log of data loaded into TGN

Records loaded, by contributor

Apr-12	GRISC	Work records	1,300	
Jun-12	GRISC	Stub records	61	
Jul-12	GRISC	Stub records	45	
Oct-12	JPGM	Work records	785	
	VP	Various for CONA pilot	2,659	
Nov-12	JPGM	Work records		2,672
Jun-12	GRISC	Stub records	92	
Jul-12	GRISC	Stub records	102	
Nov-12	JPGM	Stub records	300	

■ Log of data loaded into CONA and CONA IA
■ Column added for CVA/Processor

Statistics: Candidates and non-candidates by contributor

ULAN -Total CANDIDATE

ARTstor	6876
AVERY	2437
BHA	139
BVRL-UNM	1
CCA	2
CL-Courtauld	1284
FAL-IU	5
FDA	1
GRISC	2814
GRL	620
GRLPSC	91
Grove Art	3347
JPGM	41
PROV	5778
VP	3294
WCI	19
WCP	26
WL-Courtauld	3766

ULAN-NON-CANDIDATE

ART500	2
ARTstor	812
AVERY	85840
BHA	35588
BVRL-UNM	1483
CCA	2550
CENSUS	277
CL-Courtauld	5515
CLVR	2
COBE	2
DHA-	
UCBerkeley	1
FAC-LutherColl	38
FAL-IU	12841
FDA	391
FRICK	5071
GCI	27
GOMRC	2
GRI-DRM	9
GRISC	1104
GRL	14118
GRL-TS	29
GRLPSC	28082

Grove Art	13242
JPGM	2803
LML	1
MAM	1
PROV	13077
Queens	1
RCL	1
SAIC	10
SCA	838
SPB	1
TRAINING	20
USF	1
UTA	2
VP	187025
VP-Intern	31
WCI	18043
WCP	39614
WL-Courtauld	60909

- ULAN candidate and non-candidate totals

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Statistics: Candidates and non-candidates by contributor

AAT -CANDIDATE

BHA	3
Bureau AAT	45
CCA	2
CDBP-DIBAM	174
CHIN	12
GCI	15
GRISC	26
ICCD	11804
JPGM	34
Suzzallo-UW	7
TRAINING	3
VP	2919
WordImage-V&A	1

AAT -NON-CANDIDATE

BHA	4
Bureau AAT	30854
CDBP-DIBAM	31112
CHIN	2592
DHA-Berkeley	3
GCI	8243
GRISC	64
GRL- Archives	6
ICCD	353
JPGM	7
SUL	2
Suzzallo-UW	59
TELDAP	3125
TRAINING	1
USF	1
VP	36111
VP-Intern	1
WHS	3
WordImage-V&A	38

- AAT candidate and non-candidate totals
- Note that records are moved to temp.parent rather than being deleted in AAT, e.g., former Guide Terms

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Statistics: Candidates and non-candidates by contributor

TGN –Total CANDIDATE

BHA	455
BSR	4
Di Fab	10
FDA	90
GRLPSC	101
VP	193941

TGN –Total NON-CANDIDATE

BHA	12327
BPL	3
BSR	19
DHA-UCBerkeley	2
DiFab	5
FDA	872
GRISC	14
GRLPSC	4269
MHS	2
VP	1190582
VP-intern	88
WHS	2

- TGN candidate and non-candidate totals

CONA –Total CANDIDATE

GRISC	962
JPGM	454
VP	1227

CONA –Total NON-CANDIDATE

CAA-AIIS	55
GRISC	319
JPGM	329
Rijksmuseum	99
Te Papa	160
VP	697

- CONA candidate and non-candidate totals

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Statistics: Searches and user activity for online browsers

Browser Reports: Searches and User Activity FY 13

- Consistently high usage for searching online

	July-12	August-12	September-12	October-12	November-12
AAT Page Views	92,698	77,659	82,853	53,419	88,704
TGN Page Views	49,361	41,414	44,805	31,605	47,105
ULAN Page Views	89,439	70,188	72,129	56,479	72,121
Total Page Views:	231,498	189,261	199,787	141,503	207,930
AAT Users	3,525	3,097	3,253	3,965	3,785
TGN Users	3,176	3,280	3,440	3,558	3,103
ULAN Users	5,637	5,594	3,253	6,760	6,450
Total Users:	12,338	11,971	9,946	14,283	13,338
AAT Visits	10,693	9,528	9,711	11,368	10,617
TGN Visits	8,145	8,150	3,440	8,921	8,026
ULAN Visits	15,427	13,766	14,054	16,703	15,134
Total Visits:	34,265	31,444	27,205	36,992	33,777
AAT Unique Searches	41,090	35,645	37,408	46,080	40,487
AAT Total Searches	47,185	40,454	43,428	53,419	46,487
TGN Unique Searches	27,193	22,837	24,185	27,635	28,650
TGN Total Searches	30,634	25,301	26,965	31,065	25,378
ULAN Unique Searches	55,749	43,675	46,173	52,143	43,704
ULAN Total Searches	60,035	46,863	49,502	56,479	46,679
Total Searches:	261,886	214,775	227,661	266,821	231,385

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Statistics: Use in Getty-wide context

- In the context of usage on all pages of the Getty site

Getty Wide-November 2012		
No.	Page Name	Page Views
1	/index.html	144,628
2	/museum/index.html	80,095
3	/visit/index.html	79,145
4	/visit/hours/index.html	57,174
5	/webv/searchBasic	42,962
6	/museum/exhibitions/index.html	34,935
7	/art/index.html	34,332
8	/show_events_list.asp?shcode=15	29,211
9	/visit/exhibitions/index.html	28,006
10	/user_login.asp	26,575
11	/art/exhibitions/pompeii/index.html	24,740
12	/welcome/index.html	18,959
13	/my_basket.asp	18,128
14	/research/tools/vocabularies/ulan/index.html	16,124
15	/museum/about.html	15,881
16	/research/tools/vocabularies/aat/index.html	15,295
17	/webv/searchBasic?sk=en_US_getty	14,885
18	/user_data.asp	13,651
19	/research/tools/index.html	12,952
20	/payment.asp	12,880
21	/research/tools/vocabularies/tgn/index.html	12,850
22	/art/exhibitions/florence/index.html	12,657
23	/research/tools/vocabularies/index.html	12,071
24	/daily_events_list.asp	11,560

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Statistics: Use in GRI-wide context

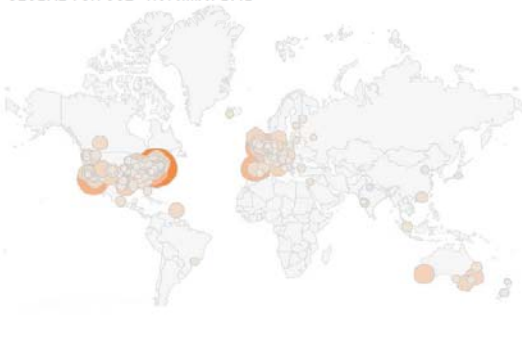
- In the context of usage on pages of GRI sub-site

Top 50 Page Views GRI Wide-November 2012		
No.	Page Name	Page Views
1	/research/tools/vocabularies/ulan/index.html	16,124
2	/research/tools/vocabularies/aat/index.html	15,295
3	/research/tools/index.html	12,952
4	/research/tools/vocabularies/tgn/index.html	12,850
5	/research/tools/vocabularies/index.html	12,071
6	/research/index.html	9,646
7	/research/tools/bha/index.html	5,244
8	/museum/research/index.html	4,370
9	/research/exhibitions_events/exhibitions/dyn_mexico/index.html	3,787
10	/research/library/index.html	3,430
11	/research/tools/provenance/index.html	2,594
12	research/tools/provenance/index.html	1,943
13	/research/publications/electronic_publications/index.html	1,914
14	/research/tools/article_databases/index.html	1,730
15	/research/tools/digital_collections/index.html	1,692
16	/research/tools/portal/index.html	1,629
17	/research/tools/photo/index.html	1,628
18	/research/tools/digital_collections/index.html	1,568
19	/research/tools/guides_bibliographies/guide	1,355
20	/research/tools/vocabularies/cona/index.html	1,300
21	/research/exhibitions_events/index.html	1,237
22	/research/scholars/years/future.html	1,119
23	/research/publications/electronic_publications/cdwa/index.html	1,099
24	/research/scholars/index.html	1,023

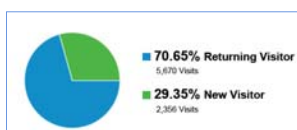
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Statistics: Distribution of usage for TGN online

GLOBAL TGN USE - November 2012



20,949 pages were viewed a total of 28,650 times



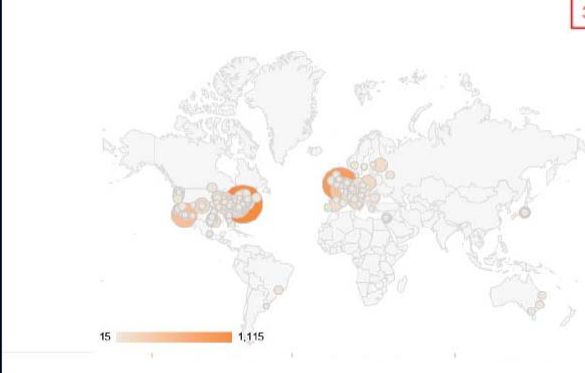
Language	Visits	% Visits
1. en-us	5,737	71.48%
2. de	359	4.47%
3. de-de	312	3.89%
4. en-gb	272	3.39%
5. es	266	3.31%
6. fr	245	3.05%
7. it	116	1.45%
8. nl	107	1.33%
9. es-es	71	0.88%
10. it-it	68	0.85%

- Example of *TGN online* usage in a typical month

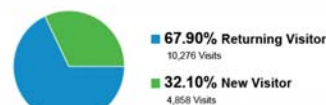
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Statistics: Distribution of usage for ULAN online

GLOBAL ULAN USE - November 2012



37,433 pages were viewed a total of 26,679 times



Language	Visits	% Visits
1. en-us	10,767	71.14%
2. fr	779	5.15%
3. de-de	368	2.43%
4. it	368	2.43%
5. it-it	351	2.32%
6. en-gb	304	2.01%
7. de	246	1.63%
8. es	241	1.59%
9. ja	209	1.38%
10. nl	194	1.28%

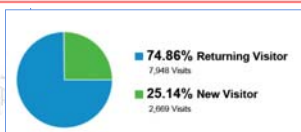
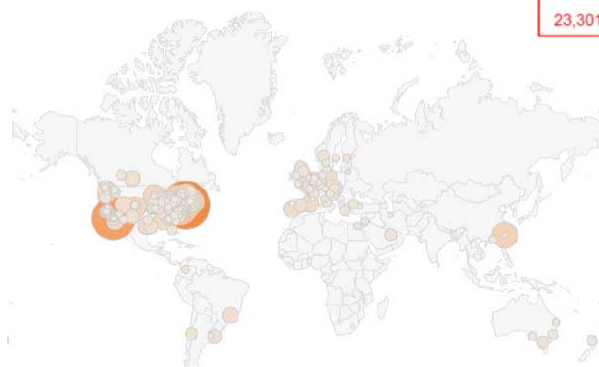
- Example of *ULAN online* usage in a typical month

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Statistics: Distribution of usage for AAT online

GLOBAL AAT USE - November 2012

23,301 pages were viewed a total of 46,487 times



Language	Visits	% Visits
1. en-us	8,773	82.63%
2. de-de	253	2.38%
3. fr	192	1.81%
4. nl	181	1.70%
5. zh-tw	178	1.68%
6. de	130	1.22%
7. es-es	119	1.12%
8. en-gb	115	1.08%
9. es	107	1.01%
10. it-it	64	0.60%

- Example of *AAT online* usage in typical month

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Number of Licenses

- Number of active licenses for the Getty Vocabularies

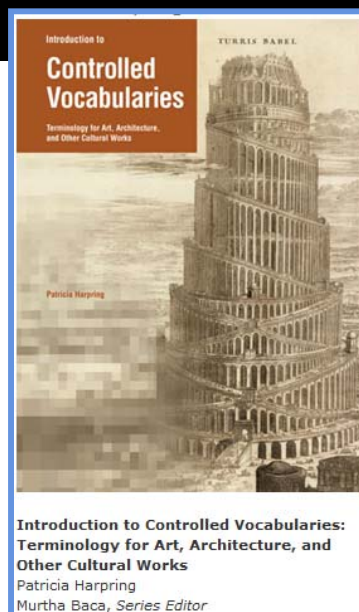
AAT: 86
TGN: 80
ULAN: 60

- Licensing is an issue to be revisited with the adoption of LOD: more later ...

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Introduction to Controlled Vocabularies: Revised

- Intro to CV is being updated and published as a revised edition
- Including section on Linked Open Data (LOD)



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TGN: Update of recent activity

- Ongoing projects of processing contributions from the National Geospatial Intelligence Agency (NGA, formerly NIMA), GCI archaeological sites, and stubs through CONA
- Outdated administrative hierarchies for various nations in TGN are updated as loads from NGA/NIMA are made

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TGN: NGA/NIMA loads

- Example for India: 48,000 new records, 2,000 merged

VCS Loader General Info

Date Loaded: 12-21-2012 13:32:44

Total Subjects: 48337

Successful: 48337

Failed: 0

Skipped: 0

Merged: 2572

Inserted: 45765

7568055 Bhimg\$01aj Tai\$01av		7568055	New
7568057 Bur\$01al Reef		7568057	New
7568058 Paga Reef		7568058	New
7568059 Shoal Bank		7568059	New
7568060 Pilots Bandar		7568060	New
7568061 Malabar Point		7568061	New
7568062 Sarmat		7568062	New
7568063 Vasai	7001508	7568063	New Coordinates: Latitude (N, 22°26'4"/22.43444) or longitude (E, 69°55'59"/69.933056) does not match.

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TGN: NGA/NIMA loads

- Example for India: 48,000 new records, 2,000 merged
- Auto-merged places, original subject_ID maintained; match based on name, coordinates, place type and parent
- Dabri, neighborhood per Rand McNally, coming in NGA as inhabited place

7545	7569862 Sonari	1077035	1077035	Merged	not
7545					
7545					
7569118 Kankarali		7569118	New		
7	7569124 Dabri	1004337	7569124	New Place Types: 83002 does not match	ot
7					
7					
7					
7569125 Haly\$01ar\$01a		7569125	New		
7569124 Dabri		1004337	7569124	New Place Types: 83002 does not match	

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TGN: NGA/NIMA loads

- Places that could not be auto-merged are candidates placed in a temp.parent for vetting

- If data is of good quality and parsed correctly, this is a relatively fast process

Count / Page	5000	Display Type	Preferred Term
mark	Place Name (Place Type)	ID	
	Top of the TGN hierarchy	1000000	
+	World (facet)	7029392	
+	Asia (continent)	1000004	
+	Bh\$01arat (nation)	7000198	
+	Bih\$01ar (state)	1001842	
	<temp.parent/VP Bih\$01ar (miscellaneous)>	7544682	
	Ad\$01apur (inhabited place)	7546422	
	Agi\$01aon (inhabited place)	7547463	
	Akbarpur (inhabited place)	7547993	
	Akorha (inhabited place)	7548161	
	Amarpur (inhabited place)	7545325	
	\$01Am\$01as (inhabited place)	7545318	
	Amba (inhabited place)	7545307	
	Amh\$01ara (inhabited place)	7545766	
	Amlori Sarsar (railroad station)	7545858	
	Amour (inhabited place)	7546045	
	Amwa Majh\$01ar (inhabited place)	7546135	
	Andhra Th\$01arhi (inhabited place)	7546409	
	Ang\$01ar Gh\$01at (railroad station)	7546509	
	Anjorpur (inhabited place)	7546613	

TGN: NGA/NIMA loads

- Example of a merged record

Subject Edit - Terms:BS01adsh\$01ahpur, S1074495, P:7016722

Subject ID: 1074495 Review: In Process Merged: Merged Publish: Published

Parent: 7016722 Record: Administrative Candidate: Non Candidate

Label: BS01adsh\$01ahpur (inhabited place) (Uttar Pradesh, Bh\$01arat, Asia, World)

Scope Notes

Note Language	Contribs	Sources	Page

Terms/Names

#	P	H	V	Terms/Names	Display Dt	Start Dt	End Dt	Term ID	Disp Nm	AACR2 Flag	Other
1	P	C	V	BS01adsh\$01ahpur				75270	N/A	N/A	N/A
2	V	C	V	Badshahpur				360595	N/A	N/A	N/A

Term	Contrib(s)	P	Language(s)	Code	P	Term Type	Qualifier	Term Source(s)	Page
VP		P	English	70051	N	N/A		NGA, GEOnet Names Server (2004-2008)	accessed 4
								NGA/NIMA database (2003-)	
								Rand McNally Atlas (1994)	1-12

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TGN: NGA/NIMA loads

■ Example of a merged record

The screenshot displays the 'Subject Edit' window for a TGN record. The 'Subject ID' is 1074495, 'Parent' is 7016722, and 'Label' is B\$01adsh\$01a. The 'Coordinates' tab is active, showing Latitude: Degree: 25, Minute: 46, Second: 35, Direction: N, Decimal: 25.776482. The 'Place Types' tab is also visible, showing a table with one entry: # 1, P C, Place Type: inhabited place, Display Date, Start Dt, End Dt, Ptype ID: 83002. Below this, the 'Subject Contributors/Sources' tab is active, showing a table with two entries: # 1, P C V, and # 2, V C V. The 'Subject Source(s)' table lists sources: NGA GEOnet Names Server (2004-2006) accessed 4 January 2007 (Source ID: 2009007306), NGA/NIMA database (2003-) (Source ID: 2009007144), Rand McNally Atlas (1994) (Source ID: 9006541), and Times Atlas of the World (1994) (Source ID: 9006549).

TGN: NGA/NIMA loads

- Sorting out subdivisions
- Do the subdivisions of TGN match the incoming NGA subdivisions?
- In this case, they match fairly well
- For this nation, the second-level subdivisions of these big areas are not included, causing many homographs within a single level

Mark	Place Name (Place Type)	ID
.	Top of the TGN hierarchy	1000000
+	World (facet)	7029392
+	Asia (continent)	1000004
+	Bh\$01arat (nation)	7000198
	Uttar Pradesh (state)	7016722
	\$01Ab\$01adgarh (inhabited place)	7568785
	\$01Ab\$01adi R\$01ajg\$01ir (inhabited place)	7563273
	Abd\$01alpur (inhabited place)	7590332
	Abdull\$01ahnagar (inhabited place)	7559989
	Abdull\$01ahpur (inhabited place)	7592376
	Abdull\$01ahpur (inhabited place)	7592378
	Abdull\$01apur (inhabited place)	7563015
	Abdull\$01apur (inhabited place)	7569389
	Abdull\$01apur (inhabited place)	7561878
	Abdull\$01apur Mustaqil (inhabited place)	7564516
	Abhaipur (inhabited place)	7560618
	Abhaipur (inhabited place)	7562484
	Abhgaon (inhabited place)	7562423

TGN: NGA/NIMA loads

- Even though the match of subdivisions for the India load is fairly good, significant changes have occurred
- Examples of changes to administrative areas that are caught with the NGA load of India
 - state of Mizoram (1001998) changed from a *union territory* to a *state* since the last time we verified the hierarchy
 - Uttarakhand (7031786) was re-named in 2007 from "Uttaranchal"
 - Puducherry (1002000) was re-named in 2006 from "Pondicherry"
 - Odisha (7016694) was re-named in 2009 from "Orissa"
 - While "Delhi" (7000201) is still the proper short form of the province, its preferred full name changed from the "Union Territory of Delhi" to "National Capital Territory of Delhi" (though it remains a union territory)

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TGN: NGA/NIMA loads

- Sorting out subdivisions
- Another example: For the subdivisions of Rome, the *rioni*, *quartieri*, and more general *neighborhoods* were not accurately distinguished

Count / Page		5000	Display Type	Preferred Term
Stat	Mark	Place Name (Place Type)		
NW	.	Top of the TGN hierarchy		
NW	+	World (facet)		
IP	+	Europe (continent)		
IP	+	Italia (nation)		
IP	+	Lazio (region)		
IP	+	Roma (province)		
IP		Roma (inhabited place)		
IP		Acilia (neighborhood)		
NW		Alessandrino (quartiere)		
NW		Appio Claudio (quartiere)		
NW		Appio Latino (quartiere)		
NW		Appio Pignatelli (quartiere)		
NW		Ardeatino (quartiere)		
NW		Aurelio (quartiere)		
IP		Aventino (hill)		
IP		Borgata Borghesina (neighborhood)		
IP		Borgata Fidene (neighborhood)		
RV	+	Borgo (rione)		
IP		Campidoglio (hill)		
RV		Campitelli (rione)		

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TGN: Updating from other sources

- TGN updated through contributors and ISO Newsletters

ISO 3166

ISO 3166-1

ISO 3166-2

Newsletters ISO 3166

± Date	± Part	± Newsletter	± Download
2012-08-02	3166-1	VI-13	Name change for Eritrea and other minor corrections
2012-02-15	3166-1	VI-12	Name change for Hungary and other minor corrections
2011-11-08	3166-1	VI-11	Name change for Libya
2011-08-09	3166-1	VI-10	Code elements for South Sudan
2011-07-14	3166-1	VI-9	Name changes for Fiji and Myanmar as well as other minor corrections (corrected)
2011-06-12	3166-1	VI-9	Name changes for Fiji and Myanmar as well as other minor corrections
2010-12-15	3166-1	VI-8	Code elements for Bonaire, Saint Eustatius and Saba, Curacao and Sint Maarten (Dutch part)
2010-02-22	3166-1	VI-7	Name change for Saint Helena, Ascension and Tristan da Cunha
2009-05-08	3166-1	VI-6	Name change for Plurinational State of Bolivia
2009-03-03	3166-1	VI-5	Name change for Bolivarian Republic of Venezuela and other minor corrections
2009-01-07	3166-1	VI-4	Name change for Republic of Moldova and other minor corrections
2008-09-09	3166-1	VI-3	Name change for Nepal and other minor corrections
2008-03-31	3166-1	VI-2	Name changes and minor corrections
2007-09-21	3166-1	VI-1	Saint Barthelemy, Saint Martin
2011-12-13	3166-2	II-3	Changes in the list of subdivision names and code elements
2010-06-30	3166-2	II-2	Changes in the list of subdivision names and code elements

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TGN: GCI and CONA stubs

- Examples of records having AATA (GCI) as a contributor
- Added names or contributed new records

Mark	Subject ID	Place Name (Place Type)	Parents
EDT	7001372	Ab\$01u Chaush (inhabited place)	(Yerushalayim, I)
EDT	7522154	Ab\$01u Raww\$01ash (ancient site)	(Mu\$05h\$01afaz)
EDT	1066526	Anduo (inhabited place)	(Xizang Zizhiqu,
EDT	7030405	Fuyang (inhabited place)	(Guangxi Zhuang
EDT	7001448	lhn\$01asy\$01a al Mad\$01inah (inhabited place)	(Mu\$05h\$01afaz)
EDT	7007688	Ko\$13lobrzeg (inhabited place)	(Zachodniopom
EDT	7030402	Loulun (former nation/state/empire)	(Taklimakan Sha
EDT	7030404	Maiji Shan (mountain)	(Gansu, Zhongh
EDT	7032204	Naqa (deserted settlement)	(An-NS\$01il, Ash-
EDT	7017002	Neseb\$06ur (inhabited place)	(Burgas, Bulgari
EDT	7015435	Nin (inhabited place)	(Zadarska \$07Zu
EDT	7030414	Pacatnamu (ancient site)	(La Libertad, Per
EDT	1106022	Pend\$00eli \$00Oros (mountain range)	(Attik\$00i, Sterea
EDT	7006724	Priverno (inhabited place)	(Latina, Lazio, Ita
EDT	1082341	Puy\$06o (inhabited place)	(Ch'ungch' \$06or
EDT	7029596	Quinoa (inhabited place)	(Ayacucho, Per\$
EDT	1099878	Qusayr i\$67Amra (deserted settlement)	(Amman, Al-Urd
EDT	7011751	Rumburk (inhabited place)	(Severo\$07cesk
EDT	1025362	Sarand\$04e (inhabited place)	(Sarand\$04e, Sh
EDT	7006443	Sarand\$04e (province)	(Shqip\$04eria, E
EDT	7029578	Shingen Mound (archaeological site)	(Shinshiro, Aichi

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TGN: GCI and CONA stubs

- Records added through contributions to CONA
- In the CVA/Processor, a “stub” record is made as candidate, then vetted later

Count / Page		5000	Display type	Preferred Term
Stat	Mark	.	Place Name (Place Type)	
NW			Top of the TGN hierarchy	
NW		+	World (facet)	
IP		+	Asia (continent)	
NC		+	<temp.parent/JPGM Asia (miscellaneous)>	
NC	EDT		Parthian Empire (miscellaneous)	

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ULAN: Update of recent activity

- Additions of non-artists
- Stub records are added and processed via the CONA CVA/Processor
- Ongoing processing of contributions: GRI library, Special Collections, Provenance artists, and Grove Art
- VIAF interaction

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ULAN: Non-artists

- Non artists growing through CONA contributions

Mark	Pref Name
	Top of the ULAN list / hierarchy
+	Persons, Artists (ULAN facet)
+	Corporate Bodies (ULAN facet)
+	Unknown Artists (ULAN facet)
+	Non-Artists (ULAN facet)

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ULAN: Non-artists

- Non-artists candidates

Pref Name	ID
Top of the ULAN list / hierarchy	500000001
+ Non-Artists (ULAN facet)	500299802
<temp.parent/ Non-Artists>	500353641
Agostino Pallavicini (Genovese patrician, 1577 -1649) (CONA Preprocessor Contribution)	500355017
Agrippina the Younger (Roman Empress - Julia Agrippina, Agrippina Mior, Julia Augusta)	500354924
Amelie Bud\$00e (Swiss?) (CONA Preprocessor Contribution)	500354978
Andre-Antoine Bernard (French lawyer and revolutionary 1751-1818) (CONA Preproces	500355005
Anna de Westphalen (Swiss?) (CONA Preprocessor Contribution)	500354993
Apollonis of Pergamon (Ancient Greek queen, active first half of 2nd century BCE. (CC	500355020
Arsinoe III (Ancient Egyptian queen, 246 or 245 - 204 BCE) (CONA Preprocessor Contr	500355009
Bagoas (eunuch, Persian empire, 4th cent. BCE) (CONA Preprocessor Contribution)	500354936
Bavo of Ghent, Saint (Frankish noble, saint, 622-659)	500354891
Berenike II (wife of Ptolemy III. d. ca. 222 B.C.) (CONA Preprocessor Contribution)	500354968
Brewster, Mrs. James (British) (CONA Preprocessor Contribution)	500355021
Caligula (Roman emperor) (CONA Preprocessor Contribution)	500354951
Caroline Emilia Mary Herschel (sitter, probably British, 19th cent.) (CONA Preprocesso	500354994
Charles B. Ray (American abolitionist, editor, journalist, clergyman, 1807-1886) (CONA	500354995
Charles Eynard (Swiss?) (CONA Preprocessor Contribution)	500355011

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ULAN: Non-artists

Count / Page	5000	Display Type	Preferred Term
at	Mark	Pref Name	
		Top of the ULAN list / hierarchy	
		Non-Artists (ULAN facet)	
		Abarca de Bolea, Pedro Pablo (Spanish statesman, 1719-1798)	5003436
		Abati Olivieri, Giulia degli (Italian aristocrat, 1630-1718)	5002766
		Abbas, M. A. (Hong Kong author and critic, born 1942)	5003130
		Abd el-Maksond, Mohamed (Egyptian author, contemporary)	5003452
		Abd\$04ulmecit, Sultan of the Turks (Ottoman ruler, 1823-1861)	5003532
		Aberson, Frederick Nicholas Lucretius (Dutch military officer, 1	
		Aberson, Kapitein (military officer, active early 19th century)	
		Abrahamsson, Tore (Swedish author, born 1928)	5003436
		Abram, David (American ecologist and philosopher, born 1957)	5002766
		Abrams, Harry N. (American publisher, collector, 1904-1979)	5003130
		Abreu, M\$00arcla (Brazilian author, contemporary)	5003452
		Acacius, Patriarch (Greek patriarch, died 489)	5003532
		Acevedo y Z\$00u\$09niga, Manuel de (Spanish patron, 1590-1653)	5003227
		Ackerman, James S. (American architectural historian, born 1919)	5002068
		Ackerman, Phyllis (American art historian, 1893-1977)	5002834
		Ackroyd, Peter (British author, born 1949)	5002436
		Acquaviva d'Aragona, Andrea Matteo III (Italian noble, patron, 1458-1529)	5003130
		Acquaviva d'Aragona, Troiano (Italian cardinal, 1694-1747)	5003544
		Acton, Arthur Mario (British art dealer, died 1953)	5002098

- Published non-artists growing to include patrons, rulers, sitters

ULAN: Contributions

- Other contributions are in process
- E.g., contributions from finding aids
- Require significant editorial work

Pref Name
Top of the ULAN list / hierarchy
+ Persons, Artists (ULAN facet)
<temp.parent/GRI Special Collections Persons, Artists>
Abady, Sheila (artist)
Aballea, Martine (artist)
Abbey, Joshua (artist)
Abbot, David (artist)
Abdoh, Reza (artist)
Abeles, Kim (artist)
Abell, Jeff (artist)
Abraham, Michael (artist)
Abramovic, Marina (artist)
Absolute Beginners (artist)
Achtman, Arnie (artist)
Adams, John (artist)
Adams, Margo (artist)
Adams, Yura (artist)
Adamus, Karel (artist)

ULAN: Updating Unknowns

- Unidentified *artists* “unknown” (when name and biography is unknown, as opposed to anonymous “Master”)
- Through CONA contributions, becomes evident that Unknown not necessarily artist (biography should be changed in ULAN)
- Contributions also require adding other “cultures” that could be tied to religion, e.g., *unknown Hindu*

Top of the ULAN list / hierarchy

Unknown Artists (ULAN facet)

+ <temp.parent/ Unknown Artists>

- unknown (unknown nationality, artist)
- unknown Abakwariga (Abakwariga artist)
- unknown Abbasid (Abbasid artist)
- unknown Abbevillian (Abbevillian artist)
- unknown Abe (Abe artist)
- unknown Abidji (Abidji artist)
- unknown Abip\$00on (Abip\$00on artist)
- unknown Abnaki (Abnaki artist)
- unknown Abruzzese (Abruzzese artist)
- unknown Abua (Abua artist)
- unknown Abure (Abure artist)
- unknown Achaemenid (Achaemenid artist)
- unknown Achagua (Achagua artist)
- unknown Acheulian (Acheulian artist)
- unknown Achomawi (Achomawi artist)

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VIAF




















- ULAN continues as a contributor to VIAF, files are updated periodically

VIAF: The Virtual International Authority File

VIAF, implemented and hosted by [OCLC](#), is a joint project of:

increase the utility of library authority files by matching and linking

Participating institutions are:

-  [National Library of Australia](#)
-  [Library and Archives Canada](#)
-  [National Library of the Czech Republic](#)
-  [Bibliotheca Alexandrina \(Egypt\)](#)
-  [Flemish Public Libraries](#)
-  [Denmark \(DBC\)-test](#)
-  [Bibliothèque nationale de France](#)
-  [SUDOC \(France\)](#)
-  [Deutsche Nationalbibliothek](#)
-  [Getty Research Institute](#)
-  [National Széchényi Library \(Hungary\)](#)
-  [National Library of Israel](#)
-  [Istituto Centrale per il Catalogo Unico \(Italy\)](#)
-  [National Diet Library \(Japan\)](#)
-  [Norway \(BIBSYS\)](#)
-  [NUKAT Center \(Poland\)](#)
-  [Biblioteca Nacional de Portugal](#)
-  [Biblioteca Nacional de España](#)
-  [National Library of Sweden](#)

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VIAF

- Now that the authority information is more widely available, more issues and corrections are resolved
- Example, a familial relative of an artist contacted VIAF (OCLC) to request a correction for his confused bio
- Vocab researched and corrected the problem in ULAN, LOC and others also corrected it

LC control no.: n 81091419

LCCN permalink: <http://lccn.loc.gov/n81091419>

HEADING: Rechlin, Carl, 1802-1882

000 01117cz a2200241n 450

Corrected records: father and son with same name

-  **Rechlin, Carl, the elder**
 (German painter, 1802-1875) [500049504]
Carl Rechlin the Elder
 Rechlin, Carl
 Rechlin, Carl Gustav
 Rechlin, Karl
-  **Rechlin, Carl, the younger**
 (German painter, 1836-1882) [500354917]
Carl Rechlin the Younger
 Rechlin, Carl
 Rechlin, Carl Wilhelm Ludwig Bernhard
 Rechlin, Karl

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AAT: Update of recent activity

- Processing multilingual loads
- Conservation terms added
- Hierarchies are enlarged as stubs from CONA contributions are processed
- Ongoing cleaning up non-synonyms currently included as UFs in legacy records, adding missing scope notes
- Distinction between Guide Terms and Node Labels is being made more explicit, per suggestions of ISO standards committee

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AAT: Multilingual loads

- Multilingual AAT terms:
 - Chinese translation by the TELDAP (Taiwan E-Learning and Digital Archives Program) have so far provided around 3,000 translated records which are online, and around 5,000 recently received but not yet loaded
 - Spanish from Centro de Documentación de Bienes Patrimoniales, Chile; delivered and online
 - Dutch translation from the Rijksbureau voor Kunsthistorische Documentatie was loaded and is online; vetting and edits of legacy Dutch terms from other sources was completed
 - German translation is being undertaken by the Institut für Museumsforschung in Berlin
 - We hope a Portuguese translation will begin soon
 - Full set of 3,000 French terms from CHIN has been fully integrated; occasionally, a plural needs to be added
 - Italian terms from ICCD continue to be vetted

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AAT: Conservation terms

- AAT conservation terminology was harmonized with GCI databases
- New terms being added by GCI
- Contributions as of December 2012:

Subjects 8,721

Terms 9,329

Preferred Term	Term	Parent String
35mm	35mm	(small-format, <size: photograph
35mm cameras	35mm cameras	(<cameras by form or function>, <
78 rpm records	78 rpm records	(phonograph records, sound reco
abalone shell	abalone shell	(seashell, shell, <shell and shell r
Abbasid	Abbasid	(<Islamic World dynastic styles a
abbey churches	abbey churches	(<church buildings by location or
abbeys (monasteries)	abbeys (monasteries)	(monasteries, religious communit
Abelam	Abelam	(<Sepik native styles>, Sepik, <P
abrasion (condition or effect)	abrasion (condition or effect)	(<conditions and effects>, Condit
abrasion-resistant material	abrasion-resistant material	(<materials by property>, materia
abrasive	abrasive	(<materials by function>, material
abrasive cleaning	abrasive cleaning	(cleaning, <subtractive processes
absolute alcohol	absolute alcohol	(ethyl alcohol, alcohol, <oxygenat
	anhydrous alcohol	
absolute dating	absolute dating	(dating, measuring, <analysis and
absorbency	absorbency	(physical properties, <attributes a
absorber	absorber	(sorbet, <materials by property>
absorption (physicochemical process)	absorption (physicochemical	(<physicochemical processes>, <
absorption coefficient	absorption coefficient	(<physical sciences concepts>, <
Abstract (fine arts style)	Abstract (fine arts style)	(<modern European fine arts style
Abstract Expressionist	Abstract Expressionist	(<post-1945 fine arts styles and n
abstracting and indexing services	abstracting and indexing serv	(information services, <services>
abstracts (summaries)	abstracts (summaries)	(summaries, <versions of docum
acacia (wood)	acacia (wood)	(hardwood, <wood by compositio
academic libraries (institutions)	academic libraries (institutor	(libraries, <institutions by activit

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AAT: Conservation terms

- New candidates are submitted for conservation terminology
- GCI editors are trained as AAT editors and do the research and contribute terms
- E.g., materials, trademarked materials and processes
- Vetted by Vocab

Stat	Mark	Descriptor (Qualifier)
FN		Top of the AAT hierarchies
HD		<temp.parent/GCI candidates>
NC		aldehyde
HD		alkylalkoxysilane
NC		ammonium oxalate
NC		amylase
NC		Anglo-Scandinavian
NC		Aquazol (TM)
NC		aqueous deacidification
NC		bactericide
NC		berberine
NC		borate
NC		carburization
NC		Chinese purple
NC		chitosan
NC		chromophores
HD		composite objects
NC		copper sulfide

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AAT: Conservation terms

- From GCI, adding synonyms to existing records

Subject Edit - Terms: covering power, S:300056217, P:300056216

Subject ID: 300056217 Review: In Process Merged: Merged Publish: Published
 Parent: 300056216 Record: Concept Candidate: Non Candidate
 Label: covering power (opacity, optical properties, attributes and properties by specific type, attributes and properties, /)

Scope Notes

Note Language: The ability of a paint, varnish, or other medium to completely hide or cover a surface, often in one coat.
 English
 Chinese (traditional)
 Dutch
 Spanish

Contribs

VP

Sources

AATA online (2002-)
 MFA Conservation and Art Mate

Terms/Names

#	P	H	V	Terms/Names	Display Dt	Start Dt	End Dt	Term ID	Disp Nm	AACR2 Flag	Oth
1	P	C	U	covering power				1000056217	N/A	N/A	N/A
2	V	C	U	power, covering				1000151965	N/A	N/A	N/A
3	V	C	U	hiding power				1000541301	N/A	N/A	N/A
4	V	C	U	遮盖力				1000528045	N/A	N/A	N/A

Term Contrib(s) P

VP N

Language(s) Code P

English 70051 N

Term Type Qualifier

Used For Ter

Term Source(s)

AATA online (2002-)
 Oxford English Dictionary Online (2002-)

Page

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AAT: Compound terms

- Contributions from GCI and elsewhere bring up renewed issues re. compound terms
 - What are the criteria for precoordination in the thesaurus?
 - When instead should the terms be postcoordinated, combined in search and retrieval?
 - A compound term must express a single concept or unit of thought capable of being arranged in a genus-species relationship within the AAT hierarchy
- flying buttresses* is bound (precoordinated)
 - Style plus object type is not bound
 - Baroque + cathedral*
 - Baroque + palace*
 - Baroque + painting*
 - Baroque + concerto*
 - Material plus object type is not bound
 - bronze + sculpture*
 - bronze + bowl*
 - bronze + sword*

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AAT: Compound terms

- Animal or plant type plus part of body or product should not be bound (precoordinated)

- peacock + feather*
- goose + feather*

- goose + egg*
- goose + beak*
- goose + wing*

- oak + leaf*
- elm + leaf*

- If every animal and plant were combined with every possible part or product, would be impractical in the AAT
- Expanded rules and examples will be developed, discussion with GCI and other contributors
- Taking into account existing exceptions already in legacy data

Stat	Mark	Descriptor (Qualifier)
FN		Top of the AAT hierarchies
IP	+	Objects Facet
IP	+	Components (Hierarchy Name)
IP	+	components (objects)
IP	+	<components by specific context>
AC		<animal or human components>
AC	+	ankles (animal or human components)
AC	+	antler [N]
AC	+	arms (animal or human components)
AC	+	baleen [N]
AC	+	beak (keratinous material) [N]
AC	+	bone (material) [N]
AC	+	chests (animal or human components)
AC	+	claws
AC	+	egg [N]
AC	+	elbows (animal or human components)
AC	+	<excretions and secretions> [N]
AC	+	faces (animal or human components)
AC	+	feather (material) [N]
AC	+	feet (animal or human components)

AAT Rules for compound terms

- **A quick test:** If either of the components of a compound term expresses different concepts when separate than when they are part of a compound term, bind them together in a compound term. If components of a compound term express the same meaning whether they are individual terms or part of a compound term, do NOT make a compound term.

When to create a compound term

Make a compound term when one or more of the following conditions exist:

- When the meaning of the expression cannot be accurately reconstructed from the constituent independent parts, generally because the modifier or the focus term changes its meaning in the compound expression (e.g., *High Gothic*).
- When the modifier suggests a resemblance, as in a metaphor, to an unrelated thing or event (e.g., *rose windows*, *barrel organs*, *spade money*, *saddlebag houses*).
- When the modifier defines a specific shape or type of the focus term (e.g., *sleigh beds*, *basket capitals*, *window seats*, *ice houses*).
- When the modifier defines the purpose or function of the focus term, and this purpose or function gives the focus term a specific form (e.g., *prayer rugs*, *china cabinets*, *crib barns*, *measuring cups*).

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AAT Rules for compound terms

- Ongoing issue resolutions due to translations, where these rules may not work

When to create a compound term (continued)

- When components of a compound term are too vague to stand on their own (e.g., *first drafts*, *official documents*, *stone cutters*, *lost cities*).
- When the compound includes relational parts of speech (e.g., *chests with drawers*, *books of hours*, *towers of silence*, *chapels of ease*).
- When the compound term includes a proper noun or adjective (other than a style term) (e.g., *Brewster chairs*, *Usonian houses*, *Rangeley boats*, *Schuetzen rifles*).
- When the modifier does not define a subclass of the focus term or when the modifier changes the meaning of the focus term (e.g., *paper airplanes*, *tin soldiers*, *artificial limbs*, *Greek fire*).
- When the modifier is the governing administrator of the focus term (e.g., *cathedral cities*, *capital cities*, *army bases*, *colonial cities*).
- When one of the components of a compound term is derived from a guide term (e.g., *subway cars*, *research vessels*, *emergency currency*, *clothing stores*).
- When one or more of the components of the compound term are not AAT descriptors and are not appropriate to add.
- Where there may be a problem in retrieval or vocabulary control, as when splitting the compound term would result in confusion in retrieval due to too many false hits (e.g., *library science*, *science library*, *foreign correspondent*, *folding rules*).
- When the distinction between two or more compound terms is confused in the discipline and the distinction would be lost if the terms were not bound as compound terms (Hint: If the scope note distinguishes between the terms, make two compound terms) (e.g., *log cabins*, *log houses*, *business schools*, *business colleges*, *military photography*, *war photography*).
- When the compound term is in a foreign language (e.g., *lits à la duchesse*, *cadavres exquis*, *p'ai-lous*, *aes rude*).
- When the compound term has a trade mark (e.g., *Conte crayons (TM)*, *Plastic Wood (TM)*, *Zonolite Concrete (TM)*).
- When the compound term has become so familiar in common use or in the discipline, that it is considered for practical purposes to represent a single concept (e.g., *data processing*, *art history*).

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AAT: Language distribution

December 2012

status in November 2011

Of the total 267,480 terms in AAT

English: terms 140,200

- subjects 38,687 (including American or British)

Spanish: terms 53,844

- subjects 31,567 (more, plurals)

Dutch: terms 51,741

- subjects 30,972 (fewer, some deleted)

French: terms 6,301

- subjects 3,840 (how more terms? next slide)

Italian: terms 13,503

- subjects 12,998 (candidates, unbound compounds, for CONA IA)

British English: terms 3,079

- subjects 1,411 (fewer, changing usage and spelling, e.g., hyphenated words book-shelf; lift vs elevator, or "-or" vs "-our" color vs colour, etc.)

German: terms 1,798

- subjects 1,135 (how more terms?)

Chinese: terms 5,541

- subjects 3,135 (including transliterated, etc.)

Portuguese: terms 149

- subjects 141

Increasing multilinguality

- TGN and ULAN have many thousands of non-English names, although the languages are not often flagged and thus cannot be counted

- AAT: Base language of AAT is American English, but of the over 247,885 total terms in AAT

- Spanish 51,001
- Dutch 51,814
- French 6,253
- Italian 13,454
- British English 3,107
- German 1,760
- Chinese 198
- Portuguese 135 etc.

(these are total records, including candidates not published; one term may be used in multiple languages)

AAT: Terms in other languages via English contributions

- How are new non-English terms added without translating project?
- Supplied by a) published source or b) contributions to CONA

- Legacy data: One primary source of non-English European language terms was *IFLA Glossary for Art Librarians*, compiled by the International Federation of Library Associations and Institutions, contributed to AAT in 1984
- English, Dutch, French, German, Italian, Spanish, and Swedish

artists' proofs ([preferred](#), [C,U,English-P,D,U,PN](#))
artist's proof ([C,U,English,AD,U,SN](#))
proofs, artists' ([C,U,English,UF,U,N](#))
AP ([C,U,English,UF,U,N](#))
afdrucken voor de kunstenaar ([C,U,Dutch,D,U,U](#))
afdruk voor de kunstenaar ([C,U,Dutch,AD,U,U](#))
épreuves d'artiste ([C,U,French,D,U,N](#))
 ([Dutch,UF,U,U](#))
épreuve d'artiste ([C,U,Dutch,UF,U,U](#))
 ([French,AD,U,SN](#))
Künstlerabzug ([C,U,German,AD,U,SN](#))
Probeabzug des Künstlers ([C,U,German,UF,U,SN](#))
prova d'artista ([C,U,Italian,AD,U,SN](#))
pruebas de artista ([C,U,Spanish-P,D,U,PN](#))
prueba de artista ([C,U,Spanish,AD,U,SN](#))
konstnårsprovtryck ([C,U,Swedish,AD,U,SN](#))
provavdrag ([C,U,Swedish,UF,U,SN](#))

Record Type: concept

3 Verbal Communication

time as the edition, for the use of old at inflated prices. Artists' proofs occasionally approaches

AAT: Terms in other languages via English contributions

- How are new non-English terms added without translating project?
- Supplied by a) published source or b) contributions to CONA

Note: Lidded boxes, often decorated, that were placed on the dressing table and contained pins, ribbons, feathers, and other adornments for dressing; they may also contain separate lidded cosmetic canisters. Often used for a lady's toilette, although men used them as well.

Terms:

toilet caskets (preferred, C,U,English-P,D,U,PN)
toilet casket (C,U,English,AD,U,SN)
caskets, toilet (C,U,English,UF,U,U)
toilet-caskets (C,U,English,UF,U,U)
carré de toilette (C,U,English,UF,L,SN)
 (French,UF,U,SN)

Note: Drinking glasses designed to be as difficult as possible to drink from without spilling within, often including a tube that served as a straw. The goal was to amuse the onlooker; the imbibor: in drinking competitions, the drinker had to guess how to drink from the vessel; if he was required to start again with a full glass.

Terms:

joke glasses (preferred, C,U,English-P,D,U,PN)
joke glass (C,U,English,AD,U,SN)
glasses, joke (C,U,English,UF,U,U)
Scherzgefäß (C,U,German,AD,U,SN)

Joke Glass (Scherzgefäß)



Enlarge Zoom in
 Unknown
 German or Dutch, 1600s
 Free-blown pale green glass with applied decoration
 13 1/4 x 3 5/8 in.
 84.DK.520

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AAT: Language distribution

- 70001 - undetermined
- 70002 - local language
- 70048 - Anglo-Saxon
- 70049 - Old English
- 70051 - English
- 70052 - American English
- 70053 - British English
- 70054 - Irish Gaelic
- 70055 - Scots Gaelic
- 70061 - pidgin English
- 70062 - Gaelic, indigenous Manx
- 70101 - German
- 70102 - High German
- 70103 - Low German
- 70104 - Standard German
- 70241 - Czech
- 70261 - Dutch
- 70263 - Afrikaans
- 70271 - French
- 70279 - French patois
- 70360 - Italian
- 70358 - Sardinian
- 70409 - Ancient Greek
- 70410 - Greek
- 70411 - Greek (transliterated)
- 70412 - Ancient Greek (transliterated)
- 70414 - Byzantine Greek
- 70416 - Liturgical Greek
- 70431 - Latin
- 70433 - Liturgical Latin
- 70434 - Medieval Latin
- 70481 - Magyar (Hungarian)
- 70511 - Danish
- 70514 - Norwegian, New (Nynorsk)
- 70515 - Finnish
- 70517 - Swedish
- 70531 - Polabian

- 70541 - Polish
- 70543 - Portuguese
- 70591 - Russian (transliterated)
- 70615 - Shuadit
- 70641 - Spanish
- 70643 - Catalan
- 71031 - African language
- 71032 - Asian language
- 71052 - Akan
- 71161 - Arabic (transliterated)
- 71171 - Arabic, Tunisian
- 71172 - Egyptian
- 71173 - Ancient Egyptian (transliterated)
- 71181 - Aramaic
- 71251 - Austronesian language
- 72281 - Bantu
- 72281 - Bella Coola
- 72310 - Berber
- 72312 - Berber dialect
- 72371 - Blackfoot
- 72431 - Burmese
- 72490 - Chadic
- 72550 - Chinese
- 72551 - Chinese (traditional)
- 72552 - Chinese (simplified)
- 72581 - Chinese (transliterated)
- 72582 - Chinese (transliterated Wade-Giles)
- 72583 - Chinese (transliterated Pinyin)
- 72584 - Chinese (transliterated Hanyu Pinyin)
- 72586 - Chinese (transliterated Pinyin w/o tones)
- 72930 - Endo
- 72952 - Ethiopian
- 72970 - Persian-Farsi
- 72972 - Persian-Farsi (transliterated)
- 72975 - Persian, Middle
- 72980 - Fulani
- 73135 - Hausa

- 73171 - Hebrew (transliterated)
- 73201 - Hindi (transliterated)
- 73202 - Hindustani
- 73370 - Japanese
- 73371 - Japanese (transliterated)
- 73570 - Khasian
- 73573 - Khmer
- 73641 - Kongo (Congo)
- 73671 - Korean (transliterated)
- 73746 - Lakota
- 73781 - Lao
- 73941 - Malayic language
- 73944 - Malay
- 74291 - Native American language
- 74333 - Nepalese
- 74543 - Onondaga
- 74690 - Pilipino
- 74761 - Punjabi
- 74794 - Quechuan
- 75174 - Amerindian language
- 75241 - Swahili
- 75276 - Tagalog
- 75370 - Tamil
- 75372 - Tamil (transliterated)
- 75441 - Thai
- 75446 - Tibetan
- 75570 - Turkish
- 75574 - Turkish (transliterated)
- 75621 - Urdu
- 75702 - Vietnamese
- 75808 - Wolof
- 75941 - Yoruba
- 76047 - Zulu
- 76048 - Sanskrit
- 76049 - Sanskrit (transliterated)

- 111 languages are used by at least one term, among several thousand possible languages
- Many have only one or a few terms linked
- Among sources for the language list is *Ethnologue: Languages of the World and Unicode* documentation.

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AAT: Guide terms

- Eliminating unneeded guide terms
- Guide terms become concepts, postable terms
- Guide terms vs node labels; formerly AAT made no distinction; now, at least in definition, they are more clearly explained

guide term

A record representing a concept that serves as a place saver to create a level in the hierarchy under which the AAT can collocate narrower concepts (e.g., <planographic printing processes>). **Guide terms** should not be used for indexing or cataloging. In AAT displays, **guide terms** are enclosed in angled brackets. *See also* **node label**.

node label

A label indicating a division of a hierarchy that contains a characteristic of division (e.g., <photographs by form>). Node labels do not represent concepts and therefore have no semantic relationships with concepts. In the AAT, their appearance is the same as guide terms, being enclosed in angled brackets. They should not be used for indexing or cataloging.

AAT: Guide terms become concepts

- Examples of guide terms and node labels
- In AAT, will continue to flag them as Guide Terms

Subject ID	Descriptor (Qualifier)
300000763	<districts by condition>
300000768	<administrative bodies>
300000796	<religious districts>
300000900	<corner buttresses>
300000955	<piers by form>
300000966	<piers by location or context>

- Some may become Concepts, as happens when users request it, e.g., *corner buttresses*

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AAT: Too many divisions

Former levels

- Example of eliminating guide terms or changing them to concepts, per AAT editorial rules
- A division having only one or two children is not helpful; legacy data issue

Avoid making overly complex divisions that cause unnecessary complexity in the structure; such divisions hinder the ability of end users to access the data through browsing the hierarchies, in addition to making displays difficult to read.

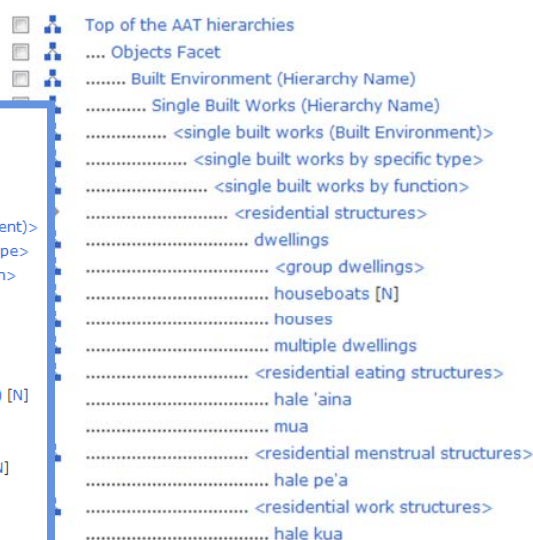
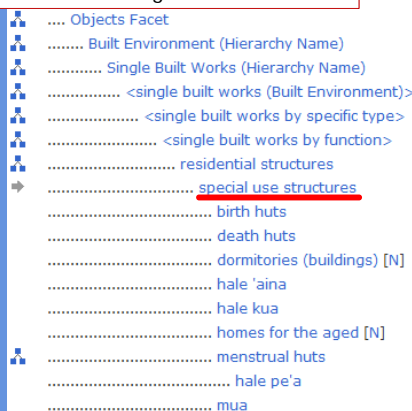


AAT: Too many divisions

Current levels

Former levels

- Too many divisions, combined under "special use structures"
- How are contributors and implementers made aware of this and other changes?



AAT: Growing hierarchies

- Areas in AAT that are growing
- E.g., activities and psychological concepts are growing via depicted subjects and other fields in CONA
- As more children are added, divisions may change

	Top of the AAT hierarchies
	.... Associated Concepts Facet
	..... Associated Concepts
	..... <social science concepts>
	..... <psychological concepts>
	..... emotion
	..... <negative emotions>
	..... anger
	..... anxiety
	..... contempt
	..... envy
 fear
 grief
 hate
 melancholy
 remorse
 <positive emotions>
 awe
 joy
 longing
 love

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AAT: Disentangling quasi-synonyms or related terms

- Continuing effort to create separate records for non-synonymous UF's
- Corrected as users point them out
- E.g., "Masses"; Masses are eucharists, but not all eucharists are Masses

ID: 300264326

Red

eucharists (<religious ceremonies>, ceremonies, ... Events)

Note: A type of sacrament and central act of worship for most Christian denominations that is bread and wine. In the Eucharist, Jesus identified the wine he poured and the bread he broke as his blood and body. The Eucharist is generally considered to be the central act of worship in Christianity. It is a sacrament that commemorates the sacrifice of Jesus Christ. The Eucharist is a sacrament that is celebrated by most Christian denominations. It is a sacrament that is celebrated by most Christian denominations. It is a sacrament that is celebrated by most Christian denominations.

Terms:

eucharists (preferred, C, U, English-P, D, U, U)
 eucharist (C, U, English, AD, U, U)
 Masses (C, U, English, UF, U, U)
 Holy Communion (C, U, English, UF, U, U)
 Lord's Suppers (C, U, English, UF, U, U)
 eucharistic (C, U, English, UF, U, U)
 communions (C, U, English, UF, U, U)
 eucharistieveringen (C, U, Dutch-P, D, U, U)
 mis (C, U, Dutch, AD, U, U)
 eucaristias (C, U, Spanish-P, D, U, PN)
 eucaristia (C, U, Spanish, AD, U, SN)
 Eucaristia (C, U, Spanish, UF, U, U)

"masses" as separate record should be linked as genus/species, or associative relationship "meaning/usage overlaps"

AAT: Ongoing issue of male/female in separate records

- AAT, as originally designed monolingual, was inconsistent:
 - *actors* and *actresses* in the same record as synonyms
 - but other male and female roles in separate records (*duke* and *duchess*)
- Going forward with translations, this becomes a bigger problem, because the distinction between male and female will be different in different languages
- Eventually merge existing English inconsistent male and female records into single records, to be considered synonyms rather than related concepts
- Also better for retrieval if they are in the same records

archivists (preferred,C,U,LC,English-P,D,U,PN)
 archivist (C,U,English,AD,U,SN)
 archivists' (C,U,English,AD,U,N)
 archivists's (C,U,English,AD,U,N)
 檔案保管員 (C,U,Chinese (traditional)-P,D,U,U)
 案卷保管人 (C,U,Chinese (traditional),AD,U,U)
 dǎng àn bǎo guǎn yuán (C,U,Chinese (transliterated Hanyu Pinyin)-P,D,U,U)
 dǎng àn bǎo guǎn yuán (C,U,Chinese (transliterated Pinyin without tones)-P,D,U,U)
 tǎng àn pào guǎn yuán (C,U,Chinese (transliterated Wade-Giles)-P,D,U,U)
 archivarissen (C,U,Dutch-P,D,U,U)
 archivaris (C,U,Dutch,AD,U,SN)
 archivaresse (C,U,Dutch,AD,U,SN)
 archiviste (C,U,French,AD,U,SN)
 Archivar (C,U,German,AD,U,SN)
 Archivarin (C,U,German,AD,U,SN)
 archivista (C,U,Italian,AD,U,SN)
 (Spanish-P,D,U,SN)
 archivero (C,U,Spanish,AD,U,SN)
 arkivarie (C,U,Swedish,AD,U,SN)

CONA Update

Contributing, processing, publishing

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CONA: Update of recent activity

- The CVA (Contribution Validation Application) was finished and used extensively by the Vocabulary Program
- We tested the CONA online search, released in pilot project but unadvertised due to little data
- Ongoing efforts to bring in contributions
- Refine editorial rules for CONA, examples from real data

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CONA: Contributions

How can small staff process so many contributions?

- By carefully mapping each contributor's data to the Vocabularies' data models
 - Sometimes a good fit (museum data), other times requires significant global manipulation by Gregg or a consultant, and manual work by editors where there is no pattern to allow global edits
 - With full data from reliable contributor, auto-merged or added with little intervention and can be quickly vetted
 - With incomplete or inconsistent contributor data, requires more oversight by VP and candidates take longer to vet
- By having a dedicated ITS development team; systems built and maintained to make our editorial work faster and more efficient
- By setting priorities and having quotas: don't spend too much time on one difficult record, but instead complete ten easier records

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CONA: Contributions

- Among the CONA data sets currently in editorial processing
 - 1,200 records for prints for CONA from Special Collections
 - 3,000 records from JPGM
 - 100 records from the Rijksmuseum
 - 160 records from Te Papa New Zealand
 - Small samples from Palace Museum Taipei, Berlin museums, the Fine Arts Museum in Santiago, and the AIIS (American Institute of Indian Studies) project for Indian architecture
- We will welcome more contributions

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CONA: Contribution formats

- CONA XML preferred format, also LIDO or CDWA Lite
- Back and forth between Gregg, Vocabulary Program and the contributor re. the parsing and format
- By necessity, we may accept others and parse them here

```
<?xml version="1.0" encoding="utf-8" ?>
- <RijksmuseumXML>
- <recordList>
- <record>
  <Record_Type>Movable Work</Record_Type>
  <Catalog_Level>Item</Catalog_Level>
  <Object_Type>schilderij</Object_Type>
  <Classification />
- <TITLES>
  <Title>Een jonge vrouw haar handen warmend boven een vuurtest, mogelijk een allegorie op de Winter</Title>
  <Preference>preferred</Preference>
  <Type>repository</Type>
  <Language>Dutch</Language>
  <Title>A young woman, warming her hands, possibly an allegory of winter</Title>
  <Preference>variant/alternate</Preference>
  <Language>English</Language>
</TITLES>
- <CREATOR>
  <Creator_Display>Caesar Boëtius van Everdingen (Alkmaar 1617 - 1678-10-13)</Creator_Display>
  <Corp.body_link>Everdingen, Caesar Boëtius van</Corp.body_link>
  <Role>schilder</Role>
  <Qualifier />
</CREATOR>
- <DATE>
  <Creation_date>1644 - 1648</Creation_date>
  <Start_date>1644</Start_date>
  <End_date>1648</End_date>
```

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CONA: Parsing contributions

- Every contribution has issues
- If issues in parsing are resolved, the contribution can be vetted and published faster

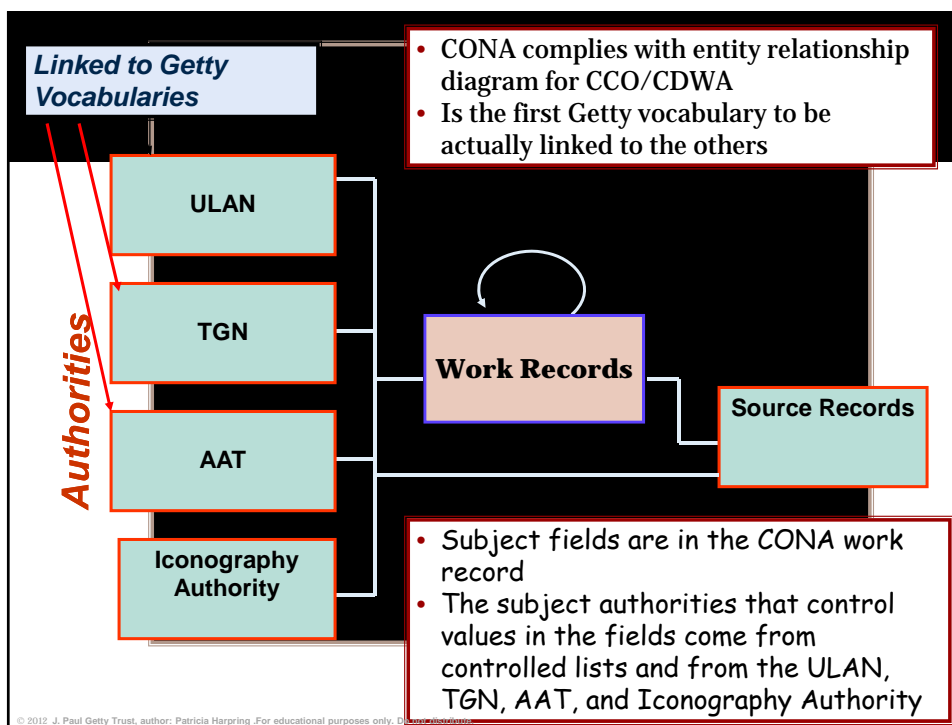
Issue in contributed data

```
<DATE>·1
°·<Creation_date>-3000</Creation_date>·1
°·<Start_date>-3000·c.</Start_date>·1
°·<End_date>c.</End_date>·1
°·</DATE>1
```

Please parse like this instead

```
<Creation_date> ca. 3000 BCE </Creation_date>
<Start_date> -3100</Start_date>
<End_date> -2900</End_date>
```

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CONA: Linked to other vocabs

Sample CONA record

CONA ID
800000345
titles/names
Case Study House No. 21
Bailey House
CSH #21
creator
architect: Pierre Koenig (American, 1925-2004)
work type
house
classification
architecture
Modern art
date
1956-1958; renovated 1998
style
Modern



CONA Editorial System

WorkType/Class/Level Creator Display Related Person/Corp Creation Date Location Physical Characteristics

Person/Corp Label	ULAN ID	Role	Extent
Koenig, Pierre (American architect, 1925-2004) (P)	500086520	architect/30010	

Koenig, Pierre (American architect, 1925-2004) 500086520

- Since CONA is linked to the other vocabularies, it is necessary to match incoming values to the AAT, ULAN, TGN, and CONA Iconography Authority when CONA records are processed for loading
- Rather than reports, we now work from the CVA/Processor if auto-links are not possible

- Unresolved auto-matches to other vocabularies are vetted in the CVA/Processor
- Editor may search other vocabularies in CONA CVA
 - CONA CVA presents editor with choices for linking
- New stub records for AAT, ULAN, TGN, or IA, may be added and linked on the spot, filled in later by editors
- For links with a pattern, editor may write a 'rule' for CVA

Link to: Not-found [search subject] [create subject]

2.[Amsterd
Link to:
3.Schynvo
Link to:
Styles: [search
Materials: [search
1.1 print :
Link to:
Location Rep
1.(P
Link to:
2.Amsterd
Link to:

Search Subject

Smit, Jan Search Search Temp Subject

Search Result

- 1. Smit, Jan (Dutch draftsman and engraver, active 1721-1748) [ULAN, 50002757] (Persons, Artists, Top of the ULAN list / hierarchy)
Jan Smit
- 2. Smit, Jan (South African architect, contemporary) [ULAN, 500283310] (Persons, Artists, Top of the ULAN list / hierarchy)
Jan Smit
- 3. Smit, Jan Borritsz. (Dutch painter, 1598-1644) [ULAN, 500006965] (Persons, Artists, Top of the ULAN list / hierarchy)
Jan Borritsz. Smit
Jan Borritsz. Smit
Smit, Jan
Smit, Jan Borritsz., I

CONA: Stubs

- In CVA, stub records may be made in AAT, TGN, and ULAN, also in CONA itself or the CONA IA
- A stub record is a brief, incomplete record that must be filled in at a later date
- Examples of architecture as depicted subjects in contributed CONA work records (e.g., a print or painting may depict a work of architecture)

Stat	Mark	Descriptor (Qualifier)	ID
FN		Top of the CONA hierarchy	700000000
FN	+	Built Work	700000001
NC		temp.parent/ Built Work	700000222
NC		Abbey of San Gregorio	700002017
NC		Accademia di San Luca (academy, Rome, Italy)	700001128
NC		Amsterdamse Schouwburg, theater building, ca. 1894	700001280
NC		Arc de Triomphe du Trône, constructed ca. 1670 (Paris, France)	700001288
NC		Arch of Constantine (Rome, Italy)	700000713
IP		Basilica di San Giovanni in Laterano (Archbasilica of St. John Lateran)	700001272
NC		Basilica di S. Maria Assunta in Carignano (Genoa, Italy)	700000343
NC		Basilica of Constantine, Rome, Italy	700000701
NC		Basilica of San Marco, Venice	700001124
NC		Cappella Sistina (Vatican Palace, Vatican City)	700000224
IP		Castel Sant'Angelo	700000344

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Subject Search

Merge ID:
Search Type:
ENTER SEARCH CRITERIA

Subject ID:
Search Method:
SUBJECTS/TERMS: 0/0

Search Text:

Qualifier:
Parent ID:

Sources:
Contributors:

Stat	Mark	Descriptor (Qualifier)	ID
FN		Top of the CONA hierarchy	700000000
FN	+	Movable Work	700000001
NC		temp.parent/ Movable Work GRISC (undetermined; misc; n/a)	700000222
NC		Arc de triomphe de Louis XIV a la porte St. Antoine (engraving (print); Le Clerc, Sébastien)	700002017
NC		Avant-garde des femmes allant \$02a Versaille (etching (print); unknown artist (printmaker))	700001128
NC		Avis aux honnêtes gens (etching (print); Villeneuve (French engraver, active from late 18th century))	700001280
NC		Battaglia navale rapp.a in Arno per le nozze dell Ser.mo principe de Toscana l'anno 1608	700001288
NC		Battaglia navale rapp.a in Arno per le nozze dell ser.mo principe de Toscana l'anno 1608	700000713
NC		[Behar amateur lithographic scrapbook] (lithograph; D'Oyly, Charles (1781-1845); Printed: 1794)	700001272
NC		Charles (1781-1845); publ 7000	700000343
NC		ing); D'Oyly, Charles (1781-1845); publ 7000	700000701
NC		ne Lesclapart ...; Publisl 7000	700001124
NC		rt; Published: 1794; Gett 7000	700000224
NC		celebrate nella morte del s 7000	700000344
NC		celebrate nella morte del 7000	
NC		celebrate nella morte del 7000	
NC		celebrate nella morte del 7000	
NC		859-1909); Published: 1 7000	

- Records are loaded into VCS editorial system, whether or not it has been necessary to go through the CVA
- Here they are vetted by Vocabulary Program editors
- If a record has all required data, it is easier and faster to okay the candidates
- If there are problems, it takes longer to do research or corrections; small staff

ITWG 2013: Editorial Update

Patricia Harpring page 36

CONA: Online records

- Vetted candidate records are flagged "non-candidate" and published (online, other formats TBD)
- **Big accomplishment:** CONA online search was released in pilot project, unadvertised soft launch to meet November 2012 deadline to maintain copyright and trademark of the name and idea of content

Cultural Objects Name Authority® Online

Search CONA [Help](#)

Find Title or ID: [Search](#)

☒ AND ☐ OR [Clear](#)

Note:

[Browse CONA hierarchies](#)

Copyright information

Search Tips

For the current pilot release of CONA, we advise that browsing the CONA hierarchies will likely provide more gratifying results than searching, since the number of records included in CONA is as yet limited. The total will grow through contributions over time; data is added and updated every two weeks. However, if you wish, you may now also search by title/name or by ID. You may use AND and OR (in upper case). Wildcard is the asterisk (*); right truncation only. You may also search for keywords in the Note field. Please contact us at vocab@getty.edu if your institution wishes to contribute to CONA. As with the AAT, TGN, and ULAN, CONA grows through contributions from the user community.

About CONA

[Learn about the purpose, scope, and structure of CONA. CONA comprises authority](#)

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CONA: Online records

- **Big accomplishment:** CONA online search was released in pilot project, unadvertised soft launch to meet November 2012 deadline to maintain copyright and trademark of the name and content
- Will advertise it when we have more data and improved searching
- Current search box vs. our planned search box with additional fields

Cultural Objects Name Authority® Online

Search CONA [Help](#)

Find Title or ID: [Search](#)

☒ AND ☐ OR [Clear](#)

Note:

[Browse CONA hierarchies](#)

Search CONA [Help](#)

Find Title or ID: [Search](#)

[Clear](#)

Artist:

Work Type:

Location:

Subject:

[Browse CONA hierarchies](#)

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CONA: Online records

Results list

Preferred and descriptive title, label of concatenated info to ID the record


Would like to improve by adding thumbnail image


Cultural Objects Names Authority® Search Results


Find Name: **temple OR portrait**


Logic:


Note: 130 results

1.  **Afbeelding van het vreugde Vóór afgestoken ter gedachtenisse van de Vreede tussen zyn Keyserlike Mayesteit van Rusland, etc. etc. en den Koning en de Croon van Sweeden, oppgereg, door ordre van de Ed: Heer Christoffel van Brants, Ryks Edelmañ Hoffraed, en Resident van zyn Keyserlyk...**
(engraving (print); unknown printmaker; 1721 or later; Getty Research Institute, Special Collections (Los Angeles, Los Angeles county, California, United States); 541914; accession number: 2000.PR.31*)
Descriptive: Temple of Peace built on water for fireworks celebrating the end of the Great Northern War on 9 December 1721

2.  **A Hermit Praying in the Ruins of a Roman Temple**
(painting (visual work); Hubert Robert (French, 1733 - 1808) (French Artist); about 1760; J. Paul Getty Museum at the Getty Center (Malibu, Los Angeles county, California, United States); 86.PA.605) (Movable Work) [700002190]

3.  **Alampur temple complex**
(building complex; various; various dates) (Built Work) [700002814]

4.  **A la reine**
(etching (print); Le Mire, Noël (printmaker, 1724-1801); published: Chez Petit, rue du petit Pont, à l'Image Notre-Dame; published 1774; Getty Research Institute, Special Collections (Los Angeles, Los Angeles county, California, United States); 2713-731; 713731; (CMA)G1516-756; accession number: P980009* (bx.27.f.9)) (Movable Work) [700001230]
Descriptive: Portrait of Queen Marie-Antoinette with allegories of Goodness, Tenderness, Poetry, Painting, Graces, and France

5.  **Albert Cohen d'Anvers**

Note the translated/Descriptive Title, if any, is flagged

CONA: Online records

93.  **Portrait of the Sisters Zénaïde and Charlotte Bonaparte**
(painting (visual work); Jacques-Louis David (French, 1748 - 1825) (French Artist); 1821; J. Paul Getty Museum at the Getty Center (Los Angeles, Los Angeles county, California, United States); 86.PA.740) (Movable Work) [700002194]
Portrait of Zénaïde and Charlotte Bonaparte

94.  **Portrait of two girls**
(cabinet photographs; George Gregory (New Zealand photographer, 1843-1913; ca. 1910; Museum of New Zealand Te Papa Tongarewa (Wellington, Wellington region, North Island, New Zealand); 0.022190) (Movable Work) [700001781]

95.  **Portrait of William Anne Hollis, 4th Earl of Essex, Presenting a Cup to Thomas Clutterbuck of Watford**
(painting (visual work); Thomas Gainsborough (English, 1727 - 1788) (English Artist); about 1784 - 1785; J. Paul Getty Museum at the Getty Center (Los Angeles, Los Angeles county, California, United States); 72.PA.2) (Movable Work) [700002086]
Portrait of William Anne Hollis

96.  **Portrait Study**
(painting (visual work); Théodore Géricault (French, 1791 - 1824) (French Artist); about 1818 - 1819; J. Paul Getty Museum at the Getty Center (Los Angeles, Los Angeles county, California, United States); 85.PA.407) (Movable Work) [700002177]
Portrait of a Black Man

97.  **Portret van een man, vermoedelijk Dr. Ephraïm Bueno**
(easel painting (painting by form); Rembrandt Harmensz. van Rijn (Leiden 1606-07-15 - Amsterdam 1669-10-08); 1645/1647; Rijksmuseum (Amsterdam, North Holland, Netherlands); SK-A-3982; RM001.collect.5226) (Movable Work) [700001954]
Descriptive: Portrait of a man, thought to be Dr. Ephraïm Bueno

98.  **Portret van een paar als Oud-Testamentische figuren, genaamd 'Het Joodse bruidje'**
(easel painting (painting by form); Rembrandt Harmensz. van Rijn (Leiden 1606-07-15 - Amsterdam 1669-10-08); ca. 1665/1669) (Movable Work) [700001919]
Descriptive: Portrait of a couple as figures from the Old Testament, known as 'The Jewish bride'

99.  **Portret van een vrouw, modelijk Maria Trin**

Note the translated/Descriptive Title, if any, is flagged

CONA: Online records

- Full record display in CONA, including link to image (if any)

ID: 700002190	Record Type: Movable Work
Images: 1	
A Hermit Praying in the Ruins of a Roman Temple (painting (visual work); Hubert Robert (French, 1733 - 1808) (French Artist); about 1760; J. Paul Getty Museum at the Getty Center (Malibu, Los Angeles...; 86.PA.605)	
Note:	
Titles:	
A Hermit Praying in the Ruins of a Roman Temple (preferred,C,U,English-P,U,U)	
Hermit praying in a ruinous gallery (C,U,English,U,U)	
Catalog Level: item	
Work Types:	
painting (visual work) [300033618] (preferred)	
..... (Objects Facet, Visual and Verbal Communication (Hierarchy Name), Visual Works (Hierarchy Name), <visual works (Guide Term)>, <visual works by medium or technique>)	
Classifications:	
paintings (preferred)	
Creation Date: about 1760	
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Minimum information

- Catalog Level (*item, group, etc.*)
- Object/Work Type
- Title or Name
- Creator
- Creation Date
- Measurements
- Materials and Techniques
- Depicted Subject
- Current Location
- Repository number for movable works
- Sources

Default values are available for missing required information. E.g., “unavailable” for measurements.

Minimum information

- **Preferred title:** The preferred title should be a recent title provided by the owning institution, a concise inscribed title, or a title provided by the artist, if known and if it is sufficiently descriptive
- *Exception:* If the work is commonly known by a title, use that title as preferred, even if it is not descriptive
- **Descriptive Title:** Included for all works, if possible. Descriptive Title conveys to the end user what the work is or what its subject is about. (The subject should also be indexed in Depicted Subject.) If the preferred title is not descriptive and in the language of the catalog record (English for CONA), a descriptive title should be constructed
- In CONA, the Vocabulary Program will typically not construct a descriptive title but we hope the contributor will supply one as needed
- Typically not an issue with Museum data
- But language = English may be an issue

Merged information

- As with AAT, TGN, and ULAN, data in CONA will be merged when there are multiple contributors for the same record
- When records are merged, one is Dominant, and the other(s) is Recessive
- The defaults and preferences of the Dominant are maintained in the merge
- For a few repeating fields, information from both Dominant and Recessive are included.
- In all cases, both contributors and their sources are included
- For movable works, the data from the owning institution will always be Dominant

Creator Display:

Vincent van Gogh (Dutch, 1853 - 1890) (Dutch Artist) [preferred,JPGM]

Vincent van Gogh (Dutch, 1853-1890, active in France) [.,VP]

Gogh, Vincent van (Dutch painter and draftsman, 1853-1890) [500115588]

CONA: Contribution examples

- GRISC
- JPGM
- Te Papa
- Rijksmuseum
- AIIS architecture
- Berlin museums, Chilean museums, Taiwanese museums
- The following examples illustrate a few interesting issues and data displays in CONA online

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GRISC



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GRI SC

- 1,200 prints, loaded
- Multiples: CONA describes unique objects; other contributors may have impressions from the same plate, linked in CONA
- Descriptive titles in addition to inscribed titles



Afbeelding van het vreugde Vúúr afgestookten ter gedagtenisse van de Vreede tussen zyn Keyserlike Mayesteit van Rusland, etc. etc. en den Koning en de Croon van Sweeden, opgeregt, door ordre van de Ed: Heer Christoffel van Brants, Ryks Edelmán Hoffraed, en Resident van zyn Keyserlyke Majesteit van groot Rusland, Residerende tot Amsterdam, den 9 Decemb: 1721 ([preferred,C,U,RP,Dutch-P,U,U](#))

Temple of Peace built on water for fireworks celebrating the end of the Great Northern War on 9 December 1721 ([C,U,DE,English,U,U](#))

..... (Object's Place, Visual and Verbal Communication (Hierarchy Name), Visual Works (Hierarchy Name), Visual works (Guide Term) >, <visual works by medium or technique>)

Classifications:

[DPP05,preferred](#)

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GRI SC

- Complex measurements
- Indexing for measurements and other display fields not necessarily displayed to the end user



Dimensions: plate mark 41 x 43.8 cm, on paper 43.5 x 46.8 cm

Dimensions:

Display Dimensions: plate mark 41 x 43.8 cm, on paper 43.5 x 46.8 cm

Value	Unit	Type	Extent	Qualifier	Scale Type	Form
41	centimeters	height	platemark			
43.8	centimeters	width	platemark			
43.5	centimeters	height	sheet			

Classifications:

[DPP05,preferred](#)

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GRI SC

- Subjects were indexed more thoroughly in Special Collection than in most museums
- For the pilot demonstration purposes, editors added at least one subject to all records



General Subject:

event (preferred)
history and legend
architecture

Specific Subjects:

[ephemeral structure](#) [300007997]

.....(Objects Facet, Built Environment (Hierarchy Name), Single Built Works (Hierarchy Name), <single built works (Built Environment)>), <single built works by specific type>, <single built works by design>) (AAT)

[peace](#) [300260027]

.....(Associated Concepts Facet, Associated Concepts, <culture and related concepts>, <culture-related concepts>) (AAT)

[fireworks \(visual works\)](#) [300249836]

.....(Objects Facet, Visual and Verbal Communication (Hierarchy Name), Visual Works (Hierarchy Name), <visual works (Guide Term)>, <visual works by medium or technique>) (AAT)

[festivals](#) [300073472]

.....(Activities Facet, Events, events, celebrations) (AAT)

[Brants, Christoffel van \(Dutch merchant and ambassador, 1664-1732\)](#) [500354122]

.....(Non-Artists) (ULAN)

[customs \(social\)](#) [300055807]

.....(Associated Concepts Facet, Associated Concepts, <culture and related concepts>, <culture-related concepts>) (AAT)

[Great Northern War, 1700-1721](#)

..... [Iconography Candidate](#)

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JPGM



The J. Paul Getty Museum










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ID: 700002317
Images: 1

Gualenghi-d'Este Hours (book of hours)
Museum at the Getty Center

Note: 211 folios + 6 flyleaves
Andrea Gualengo and Orsina d'Este

Titles:
Gualenghi-d'Este Hours
Ms. Ludwig IX 13 (C,U,MD,undetermined,U,U)

- 3,000 varied works
- Data was loaded from JPGM database
- Including paintings, ancient works, folios that are part of volumes
- Descriptive Note for this MS includes extent
- Title includes MS designation



illuminators, about 1469; J. Paul Getty
(3)
de on the occasion of the marriage of

Note: 211 folios + 6 flyleaves, 21 full-page miniatures, 4 historiated initials. Made on the occasion of the marriage of Andrea Gualengo and Orsina d'Este, married in 1469.

Gualenghi-d'Este Hours (preferred,C,U,English-P,U,U)
Ms. Ludwig IX 13 (C,U,MD,undetermined,U,U)

Creation Date: about 1469

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- Links to artists and patrons
- Click to go to ULAN

Creator Display:
Taddeo Crivelli and Guglielmo Giraldi, illuminator
illuminator Giraldi, Guglielmo (Italian illuminator)
illuminator Crivelli, Taddeo (Italian illuminator)
patron Gualengo, Andrea (Italian noble, 15th century)
patron Este, Orsina d' (Italian noble, 15th century)

Research Home ► Tools ► Union List of Artist Names ► Full Record Display

Union List of Artist Names® Online
Full Record Display

[New Search](#) [Previous Page](#)

Click the  icon to view the hierarchy.

ID: 500000019

 **Giraldi, Guglielmo** (Italian illuminator, active 1445-1489)

Names:
Giraldi, Guglielmo (preferred,V,index)
Guglielmo Giraldi (V,display)
Magro, Guglielmo del (V)
Ziraldi, Guglielmo di (V)
Ziraldi, Guglielmo del Magro di (V)
Girardi, Guglielmo (V)
Guglielmo Girardi (V)
Giraldi (V)
Ziraldi Di Guglielmo Del Magro (V)
del Magro, Guglielmo (U)

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JPGM



- Location includes current and former locations
- Link to ULAN corporate body or TGN place

patron Este, Orsina d' (Italian noble, 15th century) [500354079]

Locations:

Current: J. Paul Getty Museum at the Getty Center (Los Angeles, Los Angeles county, California) [500329598] J. Paul Getty Museum, J. Paul Getty Trust, Corporate Bodies (Corp. Body)

Repository Numbers: 83.ML.109; Ms. Ludwig IX 13

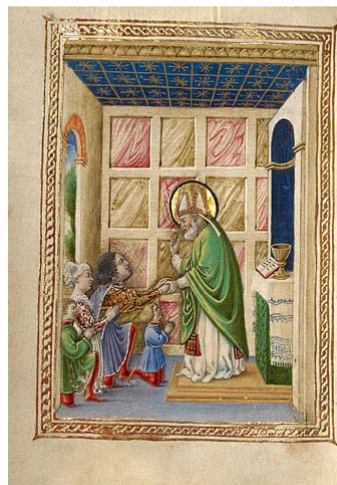
Other: Creation: Ferrara [7003128] Emilia-Romagna (region), Italy (nation), Europe (continent) (Geographic)

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JPGM

- Ideally, in the CONA record there will be links to an image on the contributor's site

Saint Bellinus Celebrating Mass



Cultural Objects Names Authority

[New Search](#)

[Previous Page](#)

ID: 700002317

Images: 1

Gualenghi-d'Este Hours (book of hours; Taddeo Crivelli and Guglielmo Girardello; J. Paul Getty Museum at the Getty Center (Los Angeles, Los Angeles county, California); 83.ML.109; Ms. Ludwig IX 13)

Note: 211 folios + 6 flyleaves, 21 full-page miniatures, 4 historiated initials, 4 historiated initials. Andrea Gualengo and Orsina d'Este, married in 1469.

Titles:

Gualenghi-d'Este Hours (preferred,C,U,English-P,U,U)

Ms. Ludwig IX 13 (C,U,MD,undetermined,U,U)

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Part/whole relationships

Top of the CONA hierarchy	7000
Movable Work	7000
<p>Gualenghi-d'Este Hours (book of hours; Taddeo Crivelli and Guglielmo Giraldi, illuminators; 7000</p> <p>All Saints (folio (leaf); Guglielmo Giraldi (Italian, active 1445 - 1489) (Italian Ill...; about 14€ 7000</p> <p>Initial D: A Skull in a Rocky Field (folio (leaf); Taddeo Crivelli (Italian, died about 1479, acti 7000</p> <p>Initial D: The Cross (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 14€ 7000</p> <p>Initial D: The Virgin and Child (folio (leaf); Guglielmo Giraldi (Italian, active 1445 - 1489) (Il 7000</p> <p>Mary Magdalene Borne Aloft (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active a 7000</p> <p>Saint Anthony Abbot (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 14: 7000</p> <p>Saint Anthony of Padua (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 7000</p> <p>Saint Bellinus Celebrating Mass (folio (leaf); Taddeo Crivelli (Italian, died about 1479, acti 7000</p> <p>Saint Benedict in Prayer (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active abou 7000</p> <p>Saint Bernard (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 1451...; € 7000</p> <p>Saint Bernardino of Siena (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active abc 7000</p> <p>Saint Catherine of Alexandria (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active 7000</p> <p>Saint Catherine of Bologna (folio (leaf); Guglielmo Giraldi (Italian, active 1445 - 1489) (Ital 7000</p> <p>Saint Dominic (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 1451...; € 7000</p> <p>Saint Gregory (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 1451...; € 7000</p> <p>Saint Jerome in the Desert (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active at 7000</p> <p>Saint John the Baptist (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 17000</p> <p>Saint Nicholas (folio (leaf); Taddeo Crivelli (Italian, died about 1479, active about 1451...; 7000</p>	

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Te Papa



MUSEUM OF NEW ZEALAND
TE PAPA TONGAREWA

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EARLY EUROPEAN ART IN NEW ZEALAND PUBLIC COLLECTIONS

FREE ENTRY

20 OCT 2012 – 27 JAN 2013



Join the discussion

RT @cuddlyangryjew: Very excited about COFFEE at Te Papa and then Games Masters exhibition, followed by JewBBQ with...well...Jews, obvio ... 11 days ago

Sign up to our newsletter

BOOK A TOUR

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Te Papa

- 160 records representing a variety of objects
- Submitted in XML but entered by hand



form) (hei-tiki; Unknown; undetermined;
ration number: OL000151)

representative of the most common variety of
Webster in 1948. Typically the head rests
at the elbows and rest on the thighs. The
s at the nose bridge, the heart shaped mouth with corner and upper central teeth, and
the head. From the W.O. Oldman Collection purchased by the New Zealand Government in
the Museum of New Zealand Te Papa Tongarewa in 1992.

an form) (preferred,C,U,RP,undetermined,U,U)

Catalog Level: item

Work Types:

hei-tiki [300266855] (preferred)

..... (Objects Facet, Visual and Verbal Communication (Hierarchy Name), Visual Works (Hierarchy Name), <visual works (Guide Term)>, <visual works by medium or technique>, sculpture (visual work), <sculpture by subject type>)

pendant (jewelry) [300046002]

..... (Objects Facet, Furnishings and Equipment (Hierarchy Name), Costume (Hierarchy Name), costume (mode of fashion), costume accessories, <costume accessories worn>, jewelry, <jewelry by form>)

pectoral [300211902]

..... (Objects Facet, Furnishings and Equipment (Hierarchy Name), Costume (Hierarchy Name), costume (mode of fashion), costume accessories, <costume accessories worn>, jewelry, <jewelry by location>, <jewelry worn around the neck or on the upper body>)

Classifications:

jewelry / adornment (preferred)

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Te Papa

- New object types added to AAT
- Additional sources consulted for SN and variants, as needed

Record Type: Movable Work

known; undetermined; Museum of New Zealand Te Papa Tongarewa
000151)

Not
191
dov
the
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194
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Cla



hei tiki (<sculpture by subject type>, sculpture (visual work), ... Vi
Name))

Note: Small sculptures carved from green nephrite and worn as pendants.
Hei tiki are fertility symbols resembling the form of a human fetus. Traditionally
handed down through generations. They are more recently mass-produced
luck charms.

Terms:

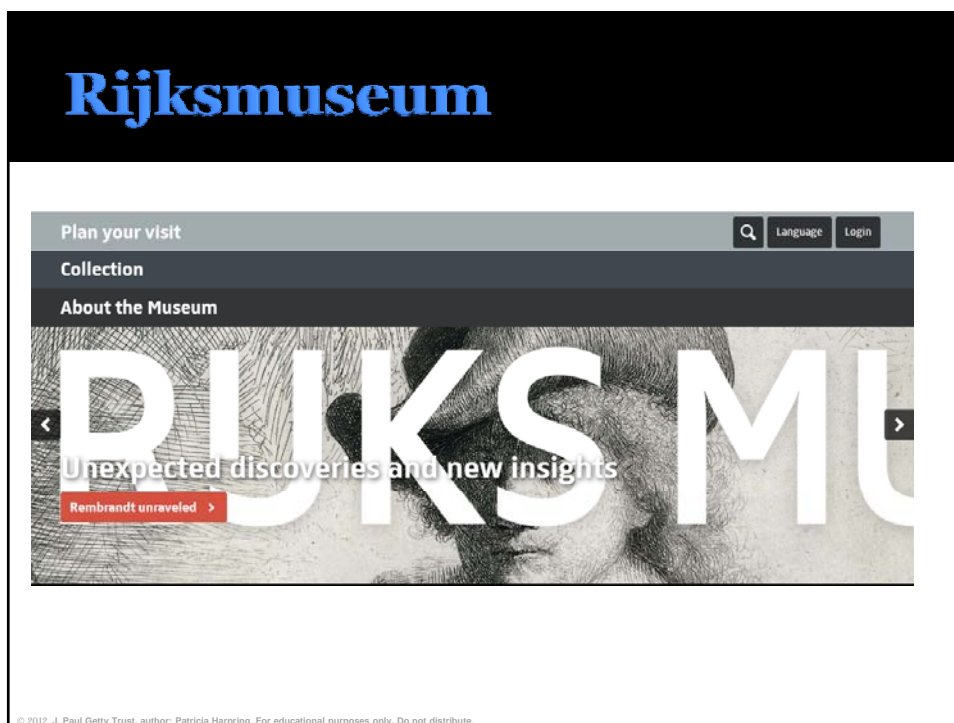
hei tiki (preferred,C,U,English-P,D,U,PN)

hei-tiki (C,U,English,UF,U,N)

tiki (hei tiki) (C,U,English,UF,U,N)

Facet/Hierarchy Code: V.VC

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Rijksmuseum

- 100 records representing a variety of objects
- Submitted in XML but entered by hand (with initial analysis for feedback to contributor)
- Base language of CONA is English, but some data (e.g., Work Type) was in Dutch

ID: 700001979
Images: 1

De aanbidding der koningen (easel painting, 1520/1525; Rijksmuseum (Amsterdam))
Note: Outside a entry decorated gate, parts of the world to Bethlehem to world king, night, folds his hands in prayer way to the left, the black king is filled with

Titles:
De aanbidding der koningen (preferred)
The adoration of the Magi (CJJ,DE,English,UJJ)
Adoration of the Magi (CJJ,English,UJJ)

Catalog Level: Ram

Work Types:
easel painting (painting by form) [300177435] (preferred)
..... (Objects Facet, Visual and Verbal Communication (Hierarchy Name), Visual Works (Hierarchy Name), <visual works (Gude Term)>, <visual works by medium or technique>, paintings (visual works), <paintings by form>)

Classifications:
paintings (preferred)

Creation Date: 1520/1525

Creator Display:
Jan Jansz Mostaert (Haarlem 1474 - Haarlem 1553) [preferred,VP]
painter Mostaert, Jan (North Netherlandish painter, born ca. 1475, died 1555 or 1556) [500006027]

Locations:
Current: Rijksmuseum (Amsterdam, North Holland, Netherlands) [500246547] Corporate Bodies (Corp. Body)
Repository Numbers: SK-A-671; RM001.collect.4657

Display Materials: oil on panel
panels (wood) [300014857]
..... (Materials Facet, Materials (Hierarchy Name), materials (matter), <materials by origin>, <biological material>, plant material, <wood and wood products>, wood (plant material), <wood by form or function>)
oil paint (paint) [300015050]
..... (Materials Facet, Materials (Hierarchy Name), materials (matter), <materials by function>, coating (material), <coating by form>, paint (coating), <paint by composition or origin>)

Dimensions: 51 x 36.5 x 1.3 cm (support); 48.5 x 34 cm (painted area)

Events:
exhibition: Karl der Kühne (1433-1477), 2009-09-14 - 2010-01-10
exhibition: Goya y el Mundo Moderno, 2008-12-18 - 2009-03-08
exhibition: Van Gogh Tekeningen - I, 2005-07-01 - 2005-09-18

General Subjects:
religion and mythology (preferred)
human figure(s)

Specific Subjects:
Adoration of the Magi [1000083]
Do not define Jesus Christ, New Testament, Christian iconography, Religion/Mythology (CONA)

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Rijksmuseum

- Example from Rijksmuseum
- Provided English translation of title
- Object type “panel painting” is translated from the Dutch AAT (subject_id?)
- Artist linked to ULAN
- Etc.

Base language of Vocab is English, so certain fields need English translation; may be bigger issue for CONA

```

<record>¶
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  <Catalog_Level>Item</Catalog_Level>¶
  <Object_Type>schilderij</Object_Type>¶
  <Classification>¶
  <TITLES>¶
    <Title>De aanbidding der koningen</Title>¶
    <Preference>preferred</Preference>¶
    <Type>repository</Type>¶
    <Language>Dutch</Language>¶
    <Title>The adoration of the Magi</Title>¶
    <Preference>variant/alternate</Preference>¶
    <Language>English</Language>¶
  </TITLES>¶
  <CREATOR>¶
    <Creator_Display>Jan Jansz. Mostaert (Haarlem-1474--Haarlem-1553)</Creator_Display>¶
    <Corp_body_link>Mostaert, Jan Jansz</Corp_body_link>¶
    <Role>schilder</Role>¶
  </CREATOR>¶

```

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National Palace Museum



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National Palace Museum

- Handful entered by hand from Web site

asty (scroll) (painting (visual work) National Palace Museum (Taipei, T

giant pines, up against twisting mountain rocks in the middle distance. Separate in the distance tower above the center of the painting, surrounded by abysses. Inside the deep mountains. On the left side wind gentle slopes, giving the scene

Titles:

Scene of Early Spring by Guo Xi, Song Dynasty (scroll) (preferred,C,U,Eng

Scene of Early Spring (C,U,undetermined,U,U)

宋郭熙早春圖 軸 (C,U,Chinese,U,U)

Catalog Level: item

Work Types:

painting (visual work) [300033618] (preferred)

..... (Objects Facet, Visual and Verbal Communication (Hierarchy Name), Visual Works (Hierarchy Name), <visual works (Guide Term)>, <visual works by medium or technique>)

scroll (information artifact) [300028629]

..... (Objects Facet, Visual and Verbal Communication (Hierarchy Name), Information Forms (Hierarchy Name), <information forms (Guide Term)>, <information artifacts>, <information artifacts by physical form>)

Classifications:

paintings (preferred)

Creation Date: 1072 CE; The fifth year of Xining, first era of the Shenzong Emperor, Northern Sung Dynasty

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National Palace Museum

- Some values in Chinese
- Inscriptions may be recorded
- Display date vs indexing date, indexed with Gregorian calendar

Inscriptions: On the right side, the painter wrote: "Early Spring. Painted by Guo Xi in the year of Ren-Zi (49th year of the Chinese sexagenary cycle, referring to 1072 AD)."; 畫幅右側畫家自題:「早春。壬子(1072)年郭熙畫。」題名思義,這幅畫作是在描寫瑞雪消融,雲煙變幻,大地復甦,草木發枝,一片欣欣向榮的早春景象。

Creation Date: 1072 CE; The fifth year of Xining, first era of the Shenzong Emperor, Northern Sung Dynasty

Greater Display

WorkType/Class/Level	Creator Display	Related Person/Corp	Creation Date	Location	Physical C
Creation Date: 1072 CE; The fifth year of Xining, first era of the Shenzong Emperor, Northern Sung D					
Date Qualifier	Start Date	End Date			
	1072	1072			

CAA AIIS

Digital Library for International Research

Home | Catalog | Digital Archive | AIYS | CAORC
Center for Art and Archaeology (AIIS-CAA), Gurgaon, India

Main Menu

- Home
- About DLIR
- Projects
- E-Resources
- Services
- Partners

Center for Art and Archaeology (AIIS-CAA), Gurgaon, India

AIIS-CAA is the premier research institution in the Indian subcontinent devoted to the study of art and archaeology. Scholars from America, India, and all over the world turn to AIIS-CAA for information on the art and archaeology of India. The Center's professional staff is internationally recognized and widely consulted. Its outstanding well organized photo-archive and superb open-stack library are extensively used. Among the publications of the CAA-AIIS is the multi-volume *Encyclopaedia of Indian Temple Architecture*.

The photo-archive contains a systematically organized reference collection of over 150,000 documented and accessioned black-and-white photographs together with more than 16,000 slides on the art and architectural heritage of India, Sri Lanka, and Indonesia. The photo-archive's collection represents: architecture (including Indian Baroque), sculpture, terracotta, paintings, and numismatics.

In an example of cooperation between DLIR and the Digital South Asia Library (DSAL) also funded through the

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CAA AIIS

- 50 records submitted in XML, entered by hand
- Object information in records for the images
- Dimensions often not available for architecture
- Protected status may be recorded

Cultural Object

00002816

es: 1

Brahma temple (temple (building of 7th century C...))

Arka-Brahma temple (preferred)

ing Level: item

Types:

temple (building) [300007895] (Object Facet, Built Env (Built Environment)), <single structures, <religious structures>, religious buildings)

ifications:

hitecture (preferred)

on Date: Third quarter of 7th century CE; Calukya/Chalukya (Calukyas of Badami/Andhradesa)

or Display:

from: Vikramaditya I; unknown Calukya/Chalukya (Karnata-Nagara) [preferred,VP]

architects unknown Chalukyan (Chalukyan artist) [300203072]

patron Vikramaditya I (Chalukyan king, died 682 CE) [300054903]

ions:

mour [7031771] Andhra Pradesh (state), India (nation), Asia (continent), World (Facet) (Geographic)

y Materials: Red sandstone

igenous sandstone [300011398]

(Materials Facet, Materials (Hierarchy Name), materials (matter), <materials by composition>, inorganic material, rock, sedimentary rock, <sedimentary rock by composition>, sandstone, <sandstone by composition>)

Dimensions not available

Dimensions: not available

Events: protected: ASI Hyderabad

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AIIS CAA database (2000-)

CAA AIIS

Cultural Objects Names Authority® Full Record Display

4 Previous Page

Record Type: Built Work

00002816
es: 1

Brahma temple (temple (building); patron: Vikramaditya I; unknown Calukya/Chalukya (Karnata-Na...; Third
r of 7th century C...)

Arka-Brahma temple (preferred,C,U,undetermined,U,U)

g Level: Item

Types:
temple (building) [300007595] (preferred)
(Objects Facet, Built Environment (Hierarchy Name), Single Built Works (Hierarchy Name), <single built works
(Built Environment)>), <single built works by specific type>, <single built works by function>, ceremonial
structures, <religious structures>, religious buildings)

ifications:
architecture (preferred)

Top of the CONA Hierarchy

.... Built Work (CONA facet)

..... <A> (2)

..... Alampur temple complex

..... Arka-Brahma temple

..... Kumara-Brahma temple

..... Vira-Brahma temple

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State Museums of Berlin

Staatliche Museen zu Berlin Preußischer Kulturbesitz

Prussian Cultural Heritage Foundation

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Search:

Art Project     

Staatliche Museen zu Berlin >> Museums >> Pergamonmuseum

Some texts are currently available in German only. We apologize for any inconvenience.

Museums


Opening Hours, Admission tickets, Addresses | Current exhibitions | Forthcoming exhibitions | Ticketshop

☐ Alte Nationalgalerie
☐ Altes Museum
☐ Bode-Museum
☐ Friedrichswerdersche Kirche
☐ Gemäldegalerie - Old Master Paintings
☐ Hamburger Bahnhof - Museum für Gegenwart - Berlin
☐ Art Library

Pergamon Museum

The Pergamon Museum was built between 1910 and 1930 under the supervision of Ludwig Hoffmann, working from designs by Alfred Messel. A smaller building had previously stood on the site, from 1901 to 1909. This building originally accommodated the important excavation finds of the Berlin Museums, such as the frieze of the Pergamon Altar which was recovered between 1878 and 1886. However, insufficient foundations soon led to damages in the building structure and the building had to be demolished even before the outbreak of the First World War.

The new, larger Pergamon Museum was conceived as a three-winged



Pergamonmuseum (Eingang).

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State Museums of Berlin

- Handful of records submitted in Word for testing
- Entered by hand and supplemented by online data



religious
C...; Col

struction built during the second half of the 2nd century BCE on one of the acropolises of the city of Pergamon in Asia Minor. It was probably an altar of the temple of Athena located on the city; the altar possibly served solely as a place of sacrifice. The Pergamon Altar was built during the reign of Eumenes II (ruled 197 BCE-156 BCE). It rises over a 36.80 m wide and 34.20 m deep base with five levels, a low base and a vanity unit, with a 2.30 m high and 110 m long frieze was decorated. The frieze depicts the mythical battle between gods and giants.

Titles:

Pergamon Altar (preferred,C,U,TR,English-P,U,U)
Pergamon Great Altar (C,U,English,U,U)
Great Altar at Pergamum (C,U,English,U,U)
Der Große Altar von Pergamon (C,U,RP,German P,U,U)
Pergamon-Altar (C,U,German,U,U)
Altare di Pergamo (C,U,Italian-P,U,U)
Grand autel de Pergame (C,U,French-P,U,U)

Catalog Level: item

Work Types:

altar (religious building fixture) [300003725] (preferred)
 (Objects Facet, Components (Hierarchy Name), components (objects), <components by specific context>, architectural elements, <architectural elements by building type>, religious building fixtures, <altars and altar components>)

Classifications:

architecture (preferred)

Creation Date: 2nd half of the 2nd century BCE

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State Museums of Berlin

- Unknown artist

Research Home ▶ Tools ▶ Union List of Artist Names ▶ Full Record Display

Union List of Artist Names® Online
Full Record Display

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Click the icon to view the hierarchy.

ID: 500202836

unknown Anatolian (Anatolian artist)

Names:
unknown Anatolian (preferred,V)
anonymous Anatolian (V)
Anatolian (unknown) (V)

Nationalities:
 Anatolian (preferred)

Roles:
 artist (preferred)
 unidentified person

Creator Display:

unknown sculptors and architects, under Eumenes II (197-156 BCE) [preferred,VP]
 architects **unknown Anatolian** (Anatolian artist) [500202836]
 patron **Eumenes II** (Anatolian king, died 156 BCE) [500353597]

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State Museums of Berlin

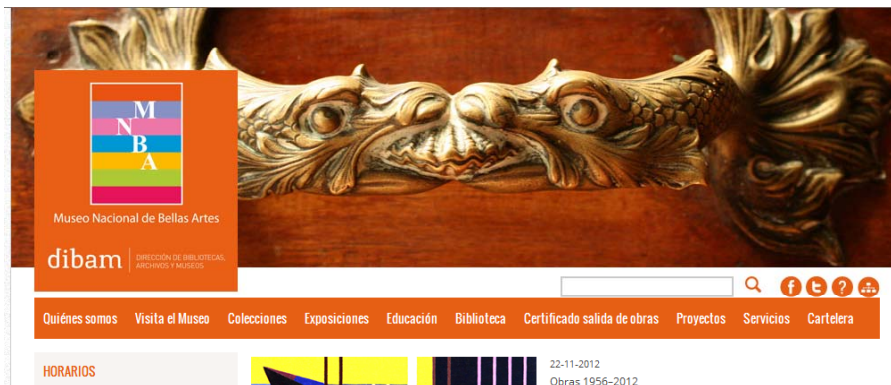
- Issue of reconstructions can be accommodated in CONA



Display Materials: marble; reconstructed
 reconstruction (construction) [300053744]
(Activities Facet, Processes and Techniques, <processes and techniques>, <processes and techniques by specific type>, <additive and joining processes and techniques>, assembling (additive and joining process), construction (assembling), <construction by function>
 marble (rock) [300011443]
(Materials Facet, Materials (Hierarchy Name), materials (matter), <materials by composition>, inorganic material, rock, metamorphic rock)

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Chilean museums

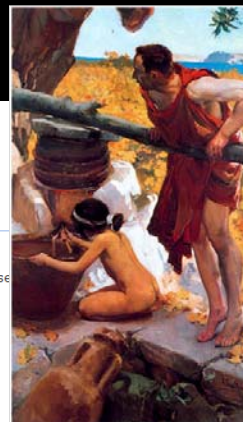


Museo Nacional de Bellas Artes, Santiago

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Chilean museums

- Handful of records entered by hand from catalog



ID: 700002857

La Prensa (painting (visual work)); Joaquín Sorolla y Bastida (1863-1923); 1896; Museo (Santiago, Región Metropol...; not available)

Titles:

La Prensa (preferred,C,U,Spanish,U,U)
The Oil Press (C,U,DE,English,U,U)

Catalog Level: item

Work Types:

painting (visual work) [300033618] (preferred)
 (Objects Facet: Visual and Verbal Communication (Hierarchy Name): Visual Works (Hierarchy Name): <visual

Sources and Contributors:

La Prensa

..... [VP]

..... Pérez, Pintura Española en Chile (1999) 70

The Oil Press

[VP]

Joaquín Sorolla y Bastida (1863-1923) [preferred,VP]
 painter Sorolla y Bastida, Joaquín (Spanish painter, 1863-1923) [500018256]

Locations:

Current: Museo Nacional de Bellas Artes (Santiago, Región Metropolitana de Santiago, Chile) [500308749]
 Corporate Bodies (Corp. Body)
 Repository Numbers: not available

Display Materials: oil on canvas

oil paint (paint) [300015050]

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Chilean museums

- Link to corporate body location; geographic place linked through association
- Repository number not available: Critical for disambiguation of movable works

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 Full Record Display

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Click the icon to view the hierarchy.

ID: 500308749 Record Ty

Museo Nacional de Bellas Artes (Chilean repository, Santiago, contemporary)

Names:
 Museo Nacional de Bellas Artes (preferred,C,U,display)
 Museo de Pinturas (H,U)

Nationalities:
 Chilean (preferred)

Roles:
 repository (preferred)

Gender: unknown

Events:
 location: Santiago (Región Metropolitana de Santiago, Chile) (inhabited place)

List/Hierarchical Position:
 Corporate Bodies
 Museo Nacional de Bellas Artes (I,U)

Locations:

Current: Museo Nacional de Bellas Artes (Santiago, Región Metropolitana de Santiago, Chile) [500308749]
 Corporate Bodies (Corp. Body)
 Repository Numbers: not available

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CONA: Contribution issues

Primary issues in contributed data so far

- Linked data is not in the other vocabulary:
solved via CVA
- Missing fields
 - Descriptive titles
 - Depicted subject

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What is Subject?

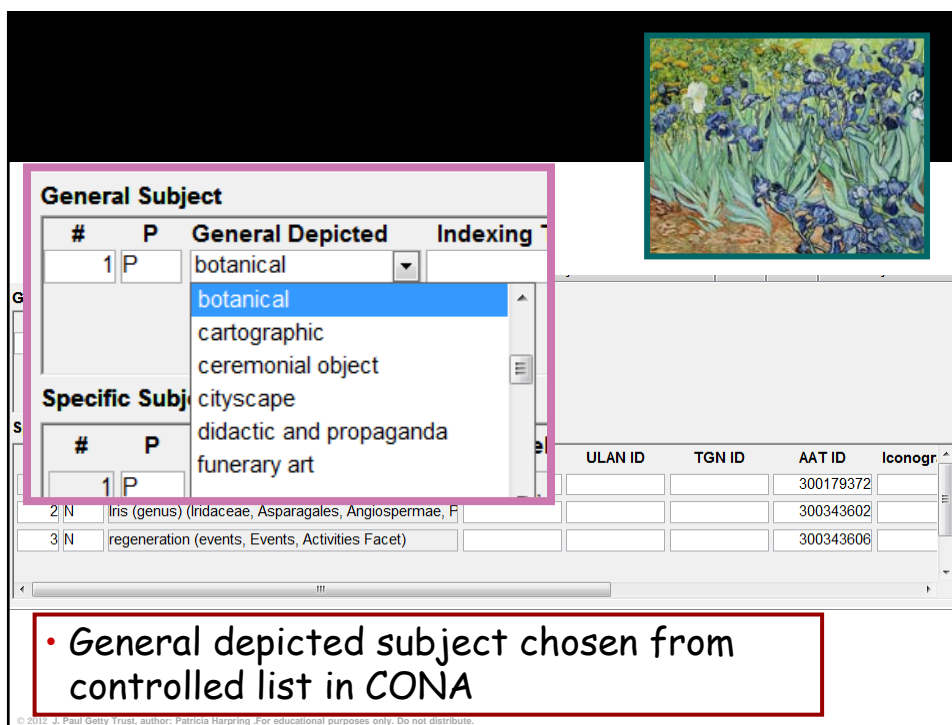
- The subject matter of a work of art (sometimes referred to as its content)
 - is the narrative, iconic, or non-objective meaning conveyed by a figurative or an abstract composition.
 - It is what is depicted in and by a work of art.
 - It also covers the function of an object or architecture that otherwise has no narrative content.
- In CONA (per CCO and CDWA) it is broadly defined
 - “Core” information
 - For *all* objects, even those that have no “subject” in the traditional sense

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How many terms are required?

- Minimum requirement for CONA is one general subject term, although a default “undetermined” is available if absolutely necessary
- General subject in CONA is drawn from an extensible controlled list, suggested in CDWA and CCO
- Specific subject is controlled by authorities: ULAN, AAT, TGN, CONA, Iconography Authority
- Additional subject terms would allow better retrieval on subject, within the parameters of reasonable specificity and exhaustivity
- Extremely exhaustive subject indexing may not be worthwhile for projects not already doing so

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General Subject

#	P	General Depicted	Indexing
1	P	botanical	

Specific Subject

#	P	
1	P	
2	N	Iris (genus) (Indaceae, Asparagales, Angiospermae, F
3	N	regeneration (events, Events, Activities Facet)

ULAN ID	TGN ID	AAT ID	Iconogr
		300179372	
		300343602	
		300343606	

- General depicted subject chosen from controlled list in CONA

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Specific Subject

#	P	Depicted Label
1	P	Iris (genus) (Iridaceae, Asparagales, Liliopsida, Angios
2	N	gardens (<open spaces by form>, open spaces, Oper
3	N	Nature (<philosophical concepts>, Associated Concep

- Specific subject controlled by AAT, TGN, ULAN, CONA, or CONA Iconography Authority

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How many terms?

- One general subject is required

Depicted Subject				Outside Iconography	Culture/St
General Subject					
#	P	General Depicted	Indexing Ty		
1	P	landscape			



Otago landscape (watercolor (painting)); George O'Brien (New Zealand watercolorist and lithographer, ...; 1870; Museum of New Zealand Te Papa Tongarewa (Wellington, Welling...; 1976-0038-2)

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How many terms?

- More are welcome for better access

The print shows a triumphal arch erected in honor of Pope Clement XI's taking possession of San Giovanni in Laterano on April 10, 1701. Designed by Carlo Fontana and commissioned by Duke Francesco Farnese of Parma and Piacenza...



Arco trionfale fatto erigere dal ser.mo sig.r dvca di Parma alle glorie della santità di n.s. papa Clemente XI. in occasione del passaggio della Santità Sva al possesso di S. Gio. Laterano il dì X. aprile M.DCCI

(etching (print); Specchi, Alessandro (etcher, 1668-1729); published: Nella stamp.a di Domenico de Rossi alla Pace ...; published 1701; Getty Research Institute, Special Collections (Los Angeles, Los Angeles county, California, United States); 640986; (CMAI)1366-954; accession number: P910002** (FF. 849)) (Movable Work) [700000455]

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How many terms?

#	P	General Depicted	Indexing Type	Subject E
1	P	event		
2	N	architecture		
3	N	history and legend		

Specific Subject

#	P	Depicted Label
1	P	triumphal arches (memorial arches) (memorial arches)
2	N	ephemeral structure (<single built works by design>, <
3	N	investiture (<cultural ceremonies>, ceremonies, event
4	N	Clement XI, Pope (Italian pope and patron, 1649-1721)
5	N	Farnese family (Italian rulers, patrons, and collectors,
6	N	

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How many terms?

- For object without subject, general subject is minimum
- May also repeat the Work Type or index the decoration or ornament

General Subject				
#	P	General Depicted	Indexing Type	Subject Ex
1	P	object (utilitarian)		

Specific Subject		
#	P	Depicted Label
1	P	bowl (vessel) (vessels, <containers by form>, contain
2	N	arabesque (<patterns by specific type>, patterns, <de
3	N	strapwork (<patterns by specific type>, patterns, <des

Lidded Bowl



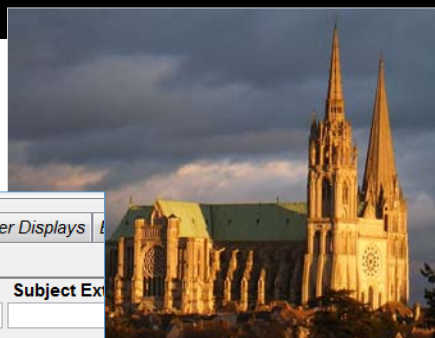
[Enlarge](#)
 Claude-Gabriel Dardet
 French, Paris, 1727 - 1732
 Gilt silver
 H: 4 1/4 x W: 11 3/4 x D: 7 3/8 in.
 71.DG.77

How many terms?

- For architecture, dedication or purpose may be recorded in subject

Depicted Subject				
#	P	General Depicted	Indexing Type	Subject Ex
1	P	architecture		

Specific Subject		
#	P	Depicted Label
1	P	Blessed Virgin Mary
2	N	pilgrimage church (building) (<church buildings by fun
3	N	cathedral (building) (<church buildings by location or c



Chartres Cathedral

Indexing depicted subject

- Terms linked to AAT and to ULAN



Depicted Subject		Outside Iconography	Culture/Style	Other Displays	Events	Subject C	lds
General Subject							
#	P	General Depicted	Indexing Type	Subject Extent			
1	P	portrait					
Specific Subject							
#	P	Depicted Label	CONA ID	ULAN ID	TGN ID	AAT ID	Iconograp
1		Pinceloup de la Grange, Magdaleine (French aristocra		500312828			
2	N	domestic cat (Felis, Felidae, Carnivora, Mammalia, Ve				300265960	

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Indexing depicted subject

- For certain fields, may link to non-preferred term
- E.g., Latin species name, common English, singular or plural



AAT Search			
Search Text:		Facet:	
domestic cat			
And/Or:		Note Text:	
Subject Id	Pref Term	Match	
300265960	Felis domesticus (species)	domestic cat	
		domestic cats	
2 N	domestic cat (Felis, Felidae, Carnivora, Mammalia, Ve		300265960

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Indexing depicted subject

- Linked to TGN



General Subject

#	P	General Depicted	Indexing Type	Subject Extent
1	P	cityscape		

Specific Subject

#	P	Depicted Label	CONA ID	ULAN ID	TGN ID
1	P	panoramas (<visual works by form: image form>, <vis			
2	N	Paris (Ville de Paris, D\$00epartement de, \$03lle-de-Fr			7008038
3	N	Seine River (France, Europe, World, Top of the TGN h			7009707

Indexing depicted subject

- Link to the CONA Iconography Authority



General Subject

#	P	General Depicted	Indexing Type	Subject Extent
1	P	Adoration of the Magi		

Specific Subject

P	Depicted Label	Iconography Id	AT ID	Iconography Id
1	Adoration of the Magi	1000083		1000083

Indexing depicted subject

- The CONA Iconography Authority (IA), contains names/terms and other information for iconography and other subject terminology not contained in the other linked vocabularies
- The IA includes proper names for named events, religion/mythology, fictional characters and animals, themes from literature, and fictional places
- E.g., mythological and fictional places and characters (e.g., *Zeus*), the names of specific events, (e.g., the *American Civil War*), or iconographic themes (e.g., the *Adoration of the Magi*)

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CONA IA

■ Current facets

- Dec. 2012
- 762 IA records
- 922 IA terms

Type Mark	Descriptor (Qualifier)	ID
R	Iconography Root	1000000
F	+ Literature	1000003
F	Miscellaneous Characters	1000004
F	Miscellaneous Fictional Places	1000006
F	+ Named Events	1000001
F	+ Performing arts	1000227
F	+ Religion/Mythology	1000002
F	+ Temp.parent/Iconography Authority	1000007

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CONA IA

- Stub records added via CVA

Type Mark	Descriptor (Qualifier)
R	Iconography Root
	Temp.parent/iconography Authority
CP	10 August (French Revolution event)
RM	Abduction of Europa
RM	Abduction of Helen
CP	Abel (Bible)
RM	Abijah
CP	Abraham (Bible)
CP	Absolom
CP	Abundance
CP	Ab Urbe Condita (book by Livy)
CP	Achelo\$04os (Greek river god)
CP	Acheron (Akhieron. Greek mythological river in Hades or Hell)
RM	Achilles in hiding on Scyros
CP	Acts of the Apostles
RM	Adam and Eve in the Garden of Paradise
CP	Adam (Biblical figure)
CP	Adonis
CP	Adventures of Telemachos, The (French novel, 1699)
CP	Aeneas (Legendary character)
CP	Aesculapius (Greek deity)
CP	Agony in the Garden
CP	Ahasuerus (Biblical figure)

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CONA IA

- Full record
- Multiple names
- Hierarchy

#	P	Type	Name
1P	D		Battle of Bull Run, First
2V	UF		Battle of Manassas, First

Type Mark	Descriptor (Qualifier)
R	Iconography Root
	Named Events
	American history
	American Civil War
	Battle of Bull Run, First

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CONA IA

■ IA is linked to other vocabularies

Sources	Associative Rels	AAT Rels	Place Rels	Person/Corp Rels																
<table border="1"> <thead> <tr> <th>Rel Type</th> <th>Label</th> <th>AAT ID</th> </tr> </thead> <tbody> <tr> <td>role/attribute</td> <td>battles (armed conflicts, events, Events, Activities Facet)</td> <td>300185692</td> </tr> </tbody> </table>					Rel Type	Label	AAT ID	role/attribute	battles (armed conflicts, events, Events, Activities Facet)	300185692										
Rel Type	Label	AAT ID																		
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located in	Manassas (Manassas, Virginia, United States, North and C	2112877																		
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Sources	Associative Rels	AAT Rels	Place Rels	Person/Corp Rels																
<table border="1"> <thead> <tr> <th>Rel Type</th> <th>Person/Corp Label</th> <th>ULAN ID</th> </tr> </thead> <tbody> <tr> <td>protagonist was</td> <td>Beauregard, P.T.G, General (American confederate genera</td> <td>500355037</td> </tr> </tbody> </table>					Rel Type	Person/Corp Label	ULAN ID	protagonist was	Beauregard, P.T.G, General (American confederate genera	500355037										
Rel Type	Person/Corp Label	ULAN ID																		
protagonist was	Beauregard, P.T.G, General (American confederate genera	500355037																		

Iconclass

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events				
<table border="1"> <thead> <tr> <th>Outside Iconography Term</th> <th>Outside Iconography Code</th> </tr> </thead> <tbody> <tr> <td>Hercules</td> <td>94L</td> </tr> </tbody> </table>					Outside Iconography Term	Outside Iconography Code	Hercules	94L
Outside Iconography Term	Outside Iconography Code							
Hercules	94L							

• Contributor may supply subject terms from other authorities

• Source is noted

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events	Subject Contr				
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LC subject headings

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events	Subject Contr	Sources	Notes	Media	Addl Subject Fields								
<table border="1"> <thead> <tr> <th>Outside Iconography Term</th> <th>Outside Iconography Code</th> <th>P</th> <th>Source</th> </tr> </thead> <tbody> <tr> <td>Little Bighorn, Battle of the, Mont., 1876</td> <td></td> <td></td> <td>(200</td> </tr> </tbody> </table>										Outside Iconography Term	Outside Iconography Code	P	Source	Little Bighorn, Battle of the, Mont., 1876			(200
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How to improve indexing of depicted subject?

Museums often do not record subject

D-Lib Magazine

March/April 2010
Volume 16, Number 3/4
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Museum Data Exchange: Learning How to Share

Günter Waibel, Ralph LeVan, Bruce Washburn
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doi:10.1045/march2010-waibel

[Printer-friendly Version](#)

Abstract

The Museum Data Exchange, a project funded by the Andrew W. Mellon Foundation, brought together nine art museums and OCLC Research to model data sharing in the museum community. The project created tools to extract CDWA Lite XML records out of collections management systems and share them via OAI-PMH. OCLC Research harvested 900K records from participating museums and analyzed them for standards conformance and interoperability. This article describes the free or open source tools; lessons learned in harvesting museum data; findings from the data analysis; and the state of data sharing and its applications in the museum community. Museum participants were the Cleveland Museum of Art; Harvard Art Museum; Metropolitan Museum of Art; Minneapolis Institute of Arts; National Gallery of Art; National Gallery of Canada; Princeton University Art Museum; Victoria & Albert Museum and Yale University Art Gallery.

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- Repositories of objects would be best source of current data for objects; but do they index subject content?
- OCLC study in 2009
- Cataloging data from 9 art museums was analyzed for compatibility to CCO and CDWA
- See D-Lib Magazine for article on the project

1. Work Type	0	86	86.5	89	82.5	85	78	100	86.5
2. Title	95.5	91.5	95.5	98	95.5	95.5	95.5	95.5	95.5
3. Display Creator	100	100	84	96	62	100	64	0	63.5
4. Name Creator	100	99	95.5	100	100	95	95	97	87.5
5. Nationality Creator	94	100	100	92.5	100	90.5	91.5	95.5	92.5
6. Vital Dates Creator	90	100	86.5	77.5	95	0	100	0	86.5
7. Role Creator	0	75	100	90	80	95	90	0	85
8. Display Measurements	100	100	100	91	100	100	100	100	77.5
9. Display Materials	100	100	100	95.5	100	100	100	100	100
10. Display Creation Date	100	91	100	95.5	100	95.5	100	100	82
11-12. Dates Concatenated (Earliest & Latest)	95	91	95.5	95.5	95	100	95	100	80
13. Location Name	100	99	77.5	100	100	80	99	80	97.5
14. Work ID	100	100	100	100	100	0	100	91	100
15. Subject Term	0	0	0	0	0	0	0	92.5	0
17. Record type	0	100	30	100	100	100	100	0	100

- Results of analysis show the percentages of records that have correctly included data for core CCO/CDWA fields
- Most museums generally are compliant with most of the core fields
- Some are missing data due to incorrect parsing (e.g., work type, role creator, which can be extrapolated and inserted globally in export)
- Exception: Only one of the nine museums had subject indexing

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How to improve indexing of depicted subject?

- **Subjects**
 - Study results, subject often missing in museum records
 - In CONA contributions only occasionally included by museums
 - How to add it, from title, etc.
 - Extremely specific not useful – examples of Iconclass and British museums effort

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How to improve indexing of depicted subject?

- Some CONA contributors have provided some subjects

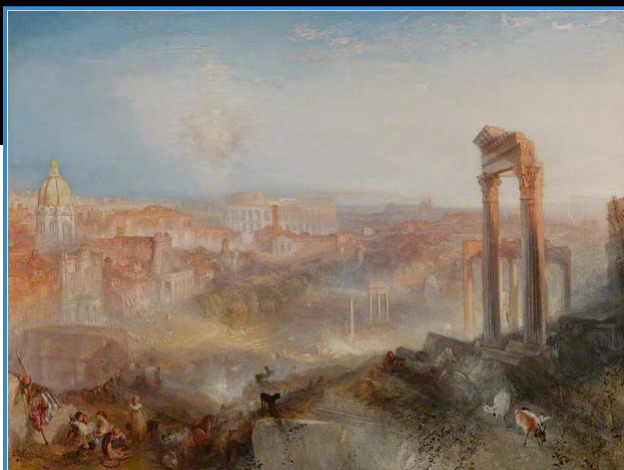
```

</PHYSICAL_CHARACTERISTICS>
- <DEPICTED_SUBJECT>
- <General_subject>
  <Person>Alphen, Simon van</Person>
</General_subject>
</DEPICTED_SUBJECT>

```

- How to improve subject indexing in contributions in the long run?
- In the immediate future, we are keen to accept contributions even without subject indexing

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Title: *Modern Rome—Campo Vaccino*

Joseph Mallord William Turner (English, 1775–1851)

1839

oil on canvas

36 1/8 x 48 1/4 in. (unframed), 48 1/4 x 60 3/8 x 4 3/8 (framed)

J. Paul Getty Museum (Los Angeles, California); 2012.6

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- Subject may often be found in title or work type
- but how to index it as subject?
- Automated parsing (matched against controlled subject lists) or entered by hand as subject?
- Combination of auto parsing and human editing would be best solution

Cityscapes
1 - 10 of 62 objects displayed chronologically
Next ▶

Romulus & Remus French, about 1390 1st Mstr, Bible hist		Trojan War French, about 1390 1st Mstr, Bible hist	
Jerusalem French, about 1415 Unknown		Pope Sergius' Dream Netherlandish, 1430s Weyden	
Alexander Fights Flemish, about 1470 M Jardin vertueuse		View of Walled City German, 1485 - 1500 Mstr of Strache Altr	
Holy Family Netherlandish, about 1520s Orley		Mucius Scaevola German, about 1530 Bocksdorfer	
Mountain Landscape German, 1554-1555 Lautensack		Arno with Fishermen Flemish, about 1578 Stradanus	

- Using organizational categories for online data to extrapolate that subject = "cityscape"

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- Works in art libraries & special collections often have subject access
- In this example, subject access is through the group, not item-level



Subjects: [Li Hongzhang, 1823-1901 --Portraits.](#)
[Zuo, Zongtang, 1812-1885 --Portraits.](#)
[Overseas Missionary Fellowship.](#)
[Tian Tan \(Beijing, China\)](#)
[Actors --China.](#)
[Astronomical observatories --China.](#)
[Consuls --China.](#)
[Diplomatic and consular service, British --Buildings.](#)
[Great Wall of China \(China\)](#)
[Ming Tombs \(China\)](#)
[Portraits, Chinese.](#)
[Buddhist priests --China.](#)
[Buddhist temples --China.](#)
[Temples, Confucian --China.](#)
[Beijing \(China\) --Description and travel.](#)
[Great Britain --Diplomatic and consular service.](#)
[Hankou \(Wuhan, China\) --Description and travel.](#)
[Jiujiang \(Jiangxi Sheng, China\) --Description and travel.](#)
[Lu Mountains \(China\) --Description and travel.](#)
[Shanghai \(China\) --Description and travel.](#)
[Suzhou Shi \(Jiangsu Sheng, China\) --Description and travel.](#)
[Tianjin \(China\) --Description and travel.](#)
[Yantai \(Shandong Sheng, China\) --Description and travel.](#)
[Yihe Yuan \(Beijing, China\) --Description and travel.](#)

Portrait of Li Hongzhang in Tianjin, 1878, Liang Shitai (also known as See Tay) (Chinese, active in Hong Kong, Shanghai, and Tianjin, 1870s–1880s), albumen silver print. The Getty Research Institute, 2006.R.1.4

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What level of subject indexing?

- Three levels of analysis (“indexing type” in CONA)
 - Objective **description** ← Of-ness
 - **Identification** of named subject ← About-ness
 - **Interpretation** of the meaning or theme
- Loosely based on method prescribed by Erwin Panofsky

- Editors: Never index beyond what is provided by the contributor or evident in the associated documentation
- CONA goal is minimal indexing and basic-access indexing

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What level of subject indexing?

- Exhaustively detailed subject indexing is not required because that level of detail is not reflected in overall database thus will not aid overall retrieval
- Bottom line: if you are already indexing at detailed level, great. If not, you may want to strategize best way to use time for minimal indexing over entire collection
- Many Iconclass designations may be more detailed than required
- Example: Probably *Apollo and Daphne* would be enough

92B325 Apollo pursuing the nymph Daphne (as yet not metamorphosed)

97AA1 Daphne changed into a laurel-tree: while fleeing from Apollo, Daphne is changed into a laurel tree

92K1461 The river-gods condole with Peneus for the loss of Daphne transformed into a tree

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What level of subject indexing?

- British effort to tag all paintings
- Non-expert tagging won't be useful scholarly retrieval, but expert crowd sourcing could be useful

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Westminster Abbey
Enjoy a slideshow of paintings of this iconic landmark

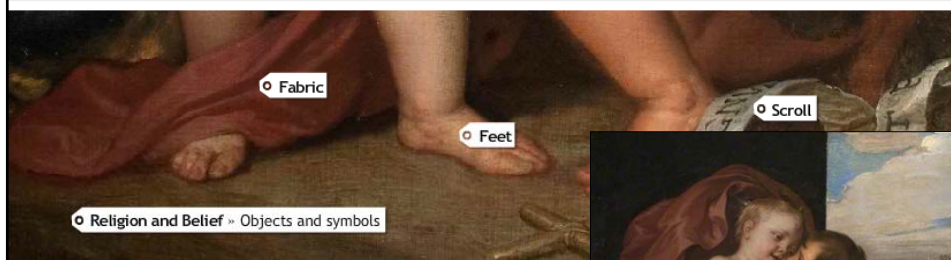
Find a painting
Search by artist's surname or what's in the paintings.
Start typing...

Browse the paintings

Explore artists
Gwen John | Edwin Henry Landseer

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What level of subject indexing?




Labels in the image: Fabric, Feet, Scroll

Religion and Belief » Objects and symbols

ck, Anthony van 1599–1641, *The Infant Christ with St John* (detail) (c.1626), oil on canvas 70cm

- Example from their Web site
- Why would we want to retrieve “feet” in this painting that is not primarily about feet?
- We would index only the primary or important elements
- *Christ Child with young Saint John the Baptist*



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THE GETTY

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