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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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Linked Open Data (LOD)

- **Getty Vocabularies as LOD:** A project plan is under development for publishing the four Getty vocabularies as LOD successively, beginning with the AAT. It is anticipated that the data will be published as SKOS-extended format under the ODC-BY 1.0 license. The current plan is to also continue providing the data as relational tables and XML. More details, along with information about the time line and status of this project, will be posted on the Vocabulary Program site.

Current status:

- In 2011 we worked with Marcia Zeng to develop a mapping of AAT to SKOS extended
- In late 2012 we began the 'Getty Vocabularies as Linked Data' project
- We identified our namespace as <http://vocab.getty.edu>
- We worked with attorney to identify what type of CC license we are intending to use
- We worked with an outside consultant to explore turning the mapping into published linked data
- We are currently working on a prototype for AAT

Next steps:

- Complete the prototype for AAT
- Draft specifications for publishing AAT, TGN, ULAN, and CONA as Linked Open Data
- Explore the possibilities for outsourcing some of the work
- Begin the implementation
- Our current target is to have AAT available as LOD sometime in 2013

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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

- Totals of non-candidates in 2011

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

- 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

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	2,863	1,372	21	581	108	591	142	273	578	404	7,258	954
AAT citations	53	9	38	97	52	18	20	33	64	55	151	215	149		
ULAN records	1,301	937	1,675	1,610	1,550	3,024	218	3,099	3,568	675	263	387	712	15,019	1,439
ULAN cits	24	21	1,092												
TGN records	48,996	34,004	30,711											198,583	42
TGN citations	3	0	1											4,313	72
CONA records	9	10	0											2,435	
CONA citations	2	11	0											234,115	2,507
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 loaded into AAT	Contributor	Records loaded	Notes
Apr-10	DIBAM	Spanish terms	30,976
Nov-10	RKD	Dutch terms	30,868
Jan-12	TEL-DAP	Chinese terms	3,125
Jun-12	GRISC	Stub records	60
Jul-12	GRISC	Stub records	40
Aug-12	GCI	Conservation terms	8,441
Oct-12	VP	Various CONA, GCI	754
Nov-12	JPGM	Stub records	95
Dec-12	TEL-DAP	Chinese terms	received: 5,348
Nov-10	Grove Art	artists	16604
Feb-11	GRI Library	artists	12860
	GRI Spec Coll	artists	3057
Jan-12	ARTstor	artists & repositories	7,071
Jun-12	GRISC	stub records	407
Jul-12	GRISC	stub records	406

- Log of data loaded into AAT

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Records loaded, by contributor

Log of Data Loads as of November 2012	contributor	contribution	total number recs	total auto-merged	inserted as New	VCS processing notes
Oct-07	FRANK	French terms	3554	0		processed
Mar-08						issues
Apr-10	Jun-10	Provenance I	Artists		5,288	issued
Nov-10	Sep-10	Fine Arts, IU	Repositories		12,939	issued
Sep-11	Nov-10	Grove Art	Artists		16,604	issued
Nov-10	Feb-11	GRI Library	Artists		12,860	issued
Jan-12		GRISC	Artists		3,057	issuing
Jun-12	Jan-12	ARTstor	Artists & repositories		7,071	issuing
Jul-12	Jun-12	GRISC	Stub records		407	processed
Aug-12	Jul-12	GRISC	Stub records		406	processed
ULAN	Oct-12	VP	Various from CONA		269	processed
Aug-08	Nov-12	JPGM	Stub records		95	processed
Jun-09						processed
Jun-10						processed
Sep-10						processed
Nov-10						processed
Feb-11						processed
	GRISpec Coll	artists	3057	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			processing notes
Jun-10		Netherlands	17,004			almost processed
Oct-10						processed
Feb-11	NGA/NIMA	Mexico	92,880			issue
Nov-10		Spain	40,616			processed
Feb-11		Chile	32,936			processed
Sep-11	NGA/NIMA	Taiwan	36,575			issue
Sep-11		United Kingdom	25,465			issue
Jan-12	NGA/NIMA	New Zealand	16,156			processed
Mar-12	NGA/NIMA	Egypt	24,369			in process
Jun-12	GRISC	Stub records	8			in process
Oct-12	VP	Various from CONA	82			in process
Nov-12	JPGM	Stub records	12			pending processing
Dec-12	NGA/NIMA	India	48,337			pending processing

■ Log of data loaded into TGN

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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	<i>Various for CONA pilot</i>	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

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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	/vwebv/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	/vwebv/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	12,650
22	/art/exhibitions/florence/index.html	12,657
23	/research/tools/vocabularies/index.html	12,071
24	/daily_events_list.asp	11,580

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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	12,650
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

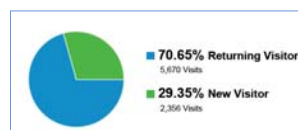
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Statistics: Distribution of usage for TGN online

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%

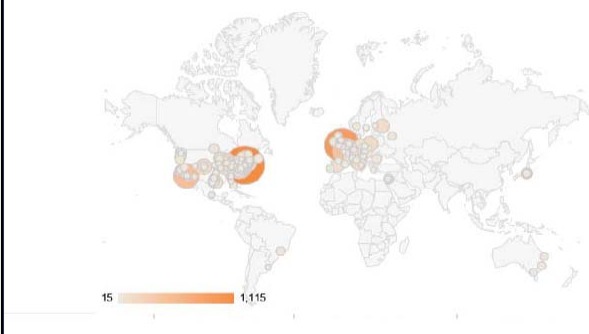
- Example of *TGN online* usage in a typical month

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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%

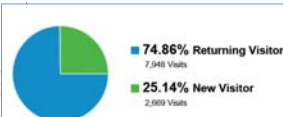
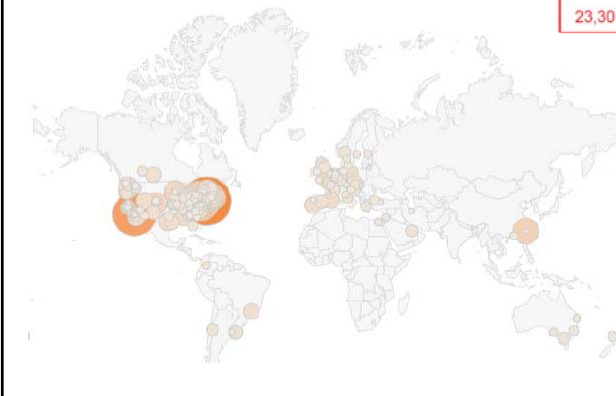
- Example of *ULAN online* usage in a typical month

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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

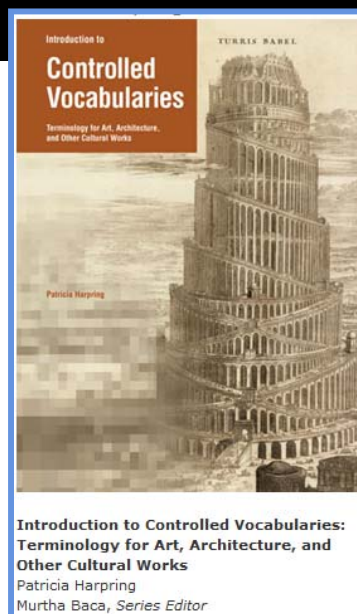
AAT: 86
TGN: 80
ULAN: 60

- 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"/22.434444) 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
7545	7569118 Kankarali	7569118	New	
7545	7569124 Dabri	1004337	7569124	New Place Types: 83002 does not match
7545	7569124 Dabri	1004337	7569124	New Place Types: 83002 does not match

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	
	Ag\$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 - Term:BS01adsh\$01ahpur, S:1074495, 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

TGN: NGA/NIMA loads

Example of a merged record

Subject Edit - Term:BS01adsh\$01ahpur, S:1074495, 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)

Coordinates

Latitude
 Degree: 25 Minute: 46 Second: 35 Direction: N Decimal: 25.776482
 Least Latitude
 Degree: Minute: Second: Direction: Decimal:
 Most Latitude
 Degree: Minute: Second: Direction: Decimal:

Place Types

#	P	H	Place Type	Display Date	Start Dt	End Dt	Ptype ID
1	P	C	inhabited place				83002

Subject Contributor(s)

Subject Contributor(s)	Subject Source(s)	Page	Source ID
VP	NGA, GEOnet Names Server (2004-2008)	accessed 4 January 2007	2009007306
	NGA/NIMA database (2003-)	2089550	2009007144
	Rand McNally Atlas (1994)	1-12	9006541
	Times Atlas of the World (1994)	19	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
	Abhaon (inhabited place)	7562423

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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 *riioni*, *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 Ghaush (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)	(Zachodniopomoc
EDT	7030402	Loulan (former nation/state/empire)	(Taklimakan Sha
EDT	7030404	Maiji Shan (mountain)	(Gansu, Zhongh
EDT	7032204	Naqa (deserted settlement)	(An-N\$01il, Ash-
EDT	7017002	Neseb\$06ur (inhabited place)	(Burgas, Bulgari
EDT	7015435	Nin (inhabited place)	(Zadarska \$07Z
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 \$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

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

at Mark	Pref Name	ID
	Top of the ULAN list / hierarchy	
	Non-Artists (ULAN facet)	
	Abarca de Bolea, Pedro Pablo (Spanish statesman, 1719-1798)	
	Abati Olivieri, Giulia degli (Italian aristocrat, 1630-1718)	
	Abbas, M. A. (Hong Kong author and critic, born 1942)	
	Abd el-Maksond, Mohamed (Egyptian author, contemporary)	
	Abd\$04ulmecit, Sultan of the Turks (Ottoman ruler, 1823-1861)	
	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

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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)

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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*

Pref Name	
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

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](#)

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

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VIAF

LC control no.: n 81091419

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

HEADING: Rechlin, Carl, 1802-1882
000 01117cz a2200241n 450

Corrected records: father and son with same name

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

- 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

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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>, materia
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	(sorber, <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 compositi
academic libraries (institutions)	academic libraries (institutions)	(libraries, <institutions by activity>

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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.

Note Language	Contribs	Sources	Pag
English	VP	AATA online (2002-)	
Chinese (traditional)		MFA Conservation and Art Mate	
Dutch			
Spanish			

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	覆蓋力				1000528045	N/A	N/A	N/A

Term	Contrib(s)	P	Language(s)	Code	P	Term Type	Qualifier	Term Source(s)	Page
VP		N	English	70051	N	Used For Ter		AATA online (2002-)	
								Oxford English Dictionary Online (2002-)	

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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>
		ankles (animal or human components)
		antler [N]
		arms (animal or human components)
		baleen [N]
		beak (keratinous material) [N]
		bone (material) [N]
		chests (animal or human components)
		claws
		egg [N]
		elbows (animal or human components)
		<excretions and secretions> [N]
		faces (animal or human components)
		feather (material) [N]
		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*).

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)
afdrukken 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)
konstnärstryck (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
 sold 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; imbibing 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

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
- 70350 - 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
- 72261 - 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.*

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.

<input type="checkbox"/>		Top of the AAT hierarchies
<input type="checkbox"/>	 Objects Facet
<input type="checkbox"/>	 Built Environment (Hierarchy Name)
<input type="checkbox"/>	 Single Built Works (Hierarchy Name)
<input type="checkbox"/>	 <single built works (Built Environment)>
<input type="checkbox"/>	 <single built works by specific type>
<input type="checkbox"/>	 <single built works by function>
<input type="checkbox"/>	 <residential structures>
<input type="checkbox"/>	 dwellings
<input type="checkbox"/>	 <group dwellings>
<input type="checkbox"/>	 houseboats [N]
<input type="checkbox"/>	 houses
<input type="checkbox"/>	 multiple dwellings
<input type="checkbox"/>	 <residential eating structures>
<input type="checkbox"/>	 hale 'aina
<input type="checkbox"/>	 mua
<input type="checkbox"/>	 <residential menstrual structures>
<input type="checkbox"/>	 hale pe'a
<input type="checkbox"/>	 <residential work structures>
<input type="checkbox"/>	 hale kua

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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?

..... 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>
 residential structures
 special use structures
 birth huts
 death huts
 dormitories (buildings) [N]
 hale 'aina
 hale kua
 homes for the aged [N]
 menstrual huts
 hale pe'a
 mua

Top of the AAT hierarchies
 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>
 <residential structures>
 dwellings
 <group dwellings>
 houseboats [N]
 houses
 multiple dwellings
 <residential eating structures>
 hale 'aina
 mua
 <residential menstrual structures>
 hale pe'a
 <residential work structures>
 hale kua

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 UFs

- 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, the bread and wine are consecrated and become the body and blood of Jesus Christ. The Eucharist is also known as the Lord's Supper when Jesus identified the wine he poured and the bread he broke as his blood and body. It generally consists of the consecration of bread and wine by the minister or priest and its distribution to the worshippers. Aspects of the theology of the eucharist have long been controversial, particularly during the Protestant Reformation. It is now widely agreed that the eucharist commemorates the unique sacrifice of Christ on the cross as to make its effects real. The term derives from the Greek 'eucharistia' meaning 'thanksgiving'.

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)
eucharistievieringen (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)
archivist's (C,U,English,AD,U,N)
 檔案保管員 (C,U,Chinese (traditional)-P,D,U,U)
 檔案保管人 (C,U,Chinese (traditional),AD,U,U)
dàng àn bǎo guǎn yuán (C,U,Chinese (transliterated Hanyu Pinyin)-P,D,U,U)
dàng àn bǎo guǎn yuán (C,U,Chinese (transliterated Pinyin without tones)-P,D,U,U)
tàng 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)
archivaris (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

```

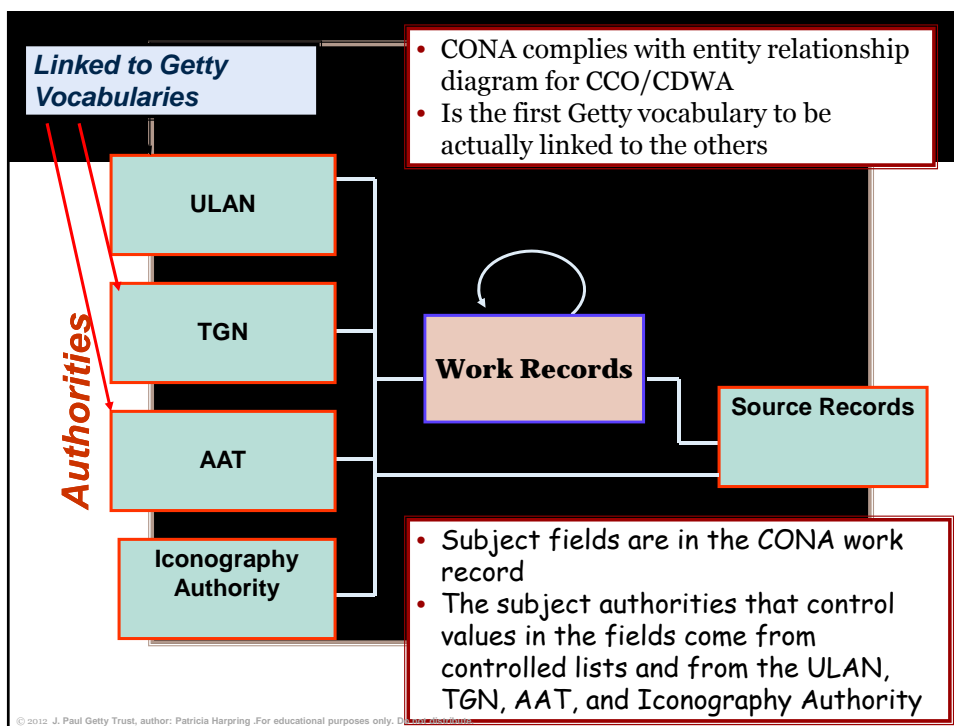
Please parse like this instead

```

<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
80000345

work type
house


titles/names
Case Study House No. 21
Bailey House
CSH #21

classification
architecture
Modern art

creator
architect: Pierre Koenig (American, 1925-2004)

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) (F)	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

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- 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: [sear
Materials: [s
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 Borrensz. Smit
Jan Borritsz. Smit
Smit, Jan
Smit, Jan Borritsz., I

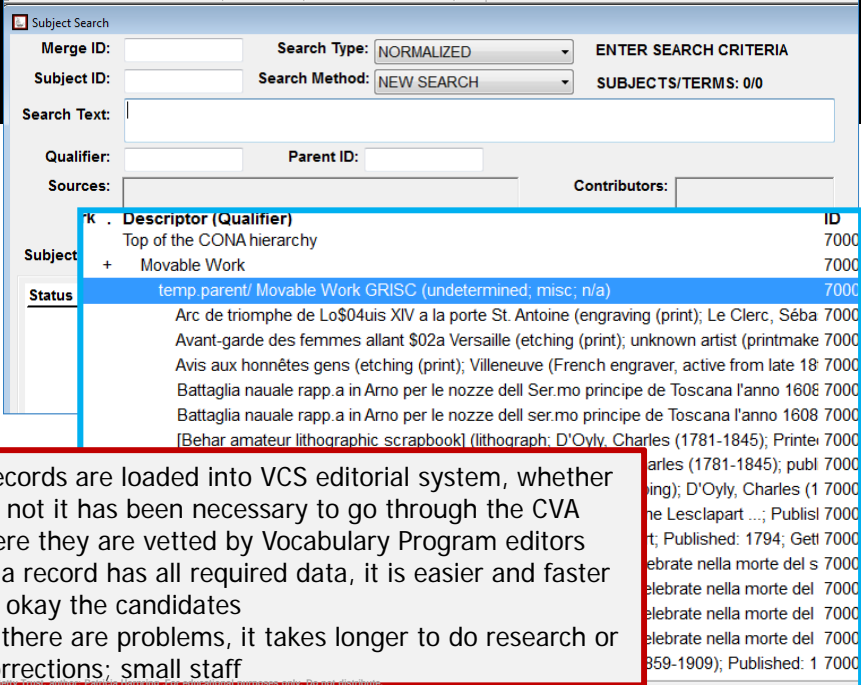
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CONA: Stubs

- 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 Tr\$03one, 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: NORMALIZED ENTER SEARCH CRITERIA

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

Search Text:

Qualifier: Parent ID:

Sources: Contributors:

K	Descriptor (Qualifier)	ID
	Top of the CONA hierarchy	7000
+	Movable Work	7000
	temp parent/ Movable Work GRISC (undetermined; misc; n/a)	7000
	Arc de triomphe de Lo\$04uis XIV a la porte St. Antoine (engraving (print); Le Clerc, Séba	7000
	Avant-garde des femmes allant \$02a Versaille (etching (print); unknown artist (printmake	7000
	Avis aux honnêtes gens (etching (print); Villeneuve (French engraver, active from late 18	7000
	Battaglia nauale rapp.a in Arno per le nozze dell Ser.mo principe de Toscana l'anno 1608	7000
	Battaglia nauale rapp.a in Arno per le nozze dell ser.mo principe de Toscana l'anno 1608	7000
	[Behar amateur lithographic scrapbook] (lithograph; D'Oyly, Charles (1781-1845); Printe	7000
	Charles (1781-1845); publi	7000
	ing); D'Oyly, Charles (1	7000
	ne Lesclapart ...; Publi	7000
	t; Published: 1794; Gett	7000
	celebrate nella morte del s	7000
	celebrate nella morte del	7000
	celebrate nella morte del	7000
	celebrate nella morte del	7000
	1859-1909); 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

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](#)

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






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

Find Name: **temple OR portrait**

Logic:

Note: 130 results

First Previous Next Last

1.  **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, opgereg, door ordre van de Ed: Heer Christoffel van Brants, Ryks Edelmán Hoffraed, en Resident van zyn Keyserly[...]**
(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*) (Movable Work) [700000911]
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)1516-756; 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 Cahen d'Anvers**

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

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CONA: Online records

- California, United States), 85.PA.12] (Movable Work) [700002131]
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, mogelijk Maria Trip**

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

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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 Angele...; 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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Contact Information:

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1200 Getty Center Drive
Suite 1100
Los Angeles, CA 90049-1688
Tel. (310) 440-7335

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- Digital Collections
- Finding Aids
- Frequently Asked Questions


Getty Search Gateway

Search multiple Getty resources via one search tool.

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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 Keyserlyke Mayesteit van Rusland, etc. 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 Facet, visual and verbal communication (hierarchy Name), visual works (hierarchy Name), visual works (Guide Term) >, <visual works by medium or technique>)

Classifications:
[DPPS \(preferred\)](#)

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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: _____
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GRI SC

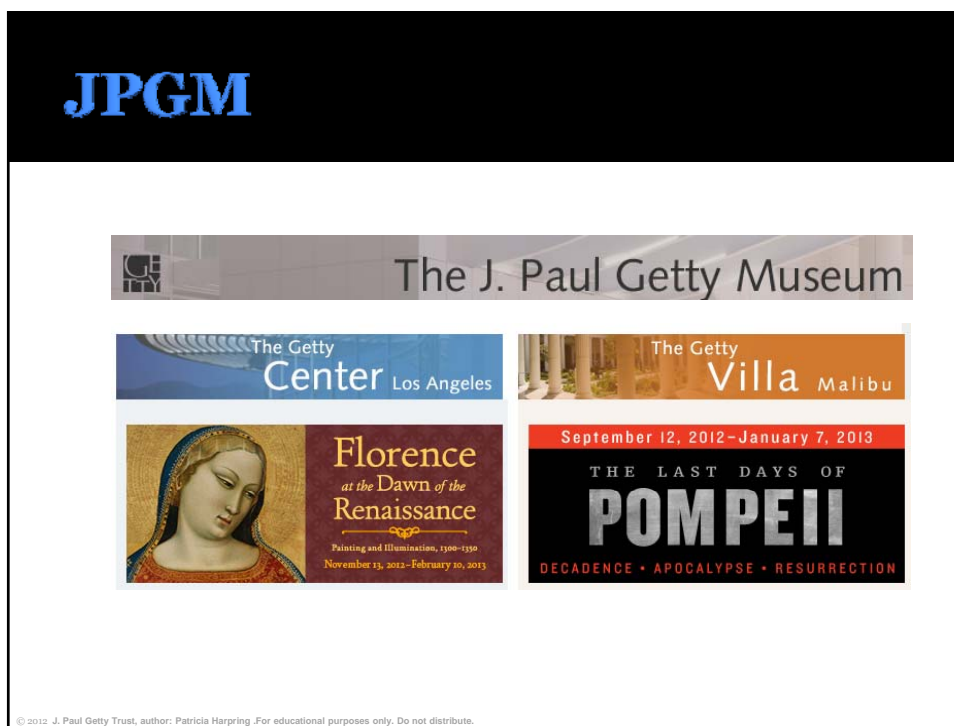
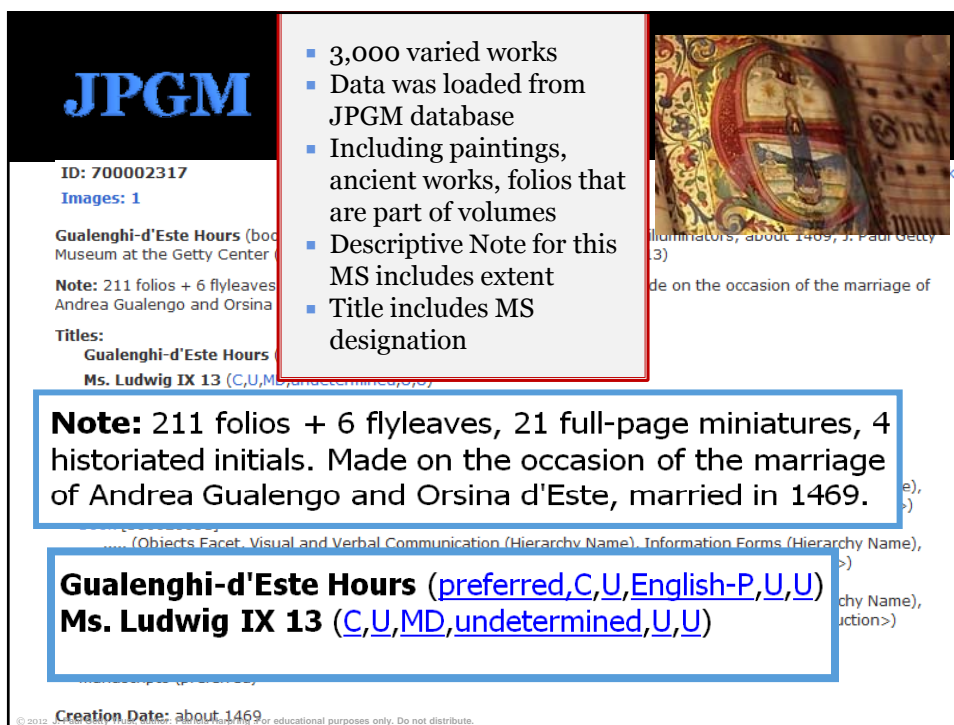


- Subjects were indexed more thoroughly in Special Collection than in most museums
- For the pilot demonstration purposes, editors added at least one subject to all records

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

ID: 700002317
 Images: 1

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

Note: 211 folios + 6 flyleaves
 Andrea Gualengo and Orsina

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

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

JPGM



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

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)

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)

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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) [500554075]

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

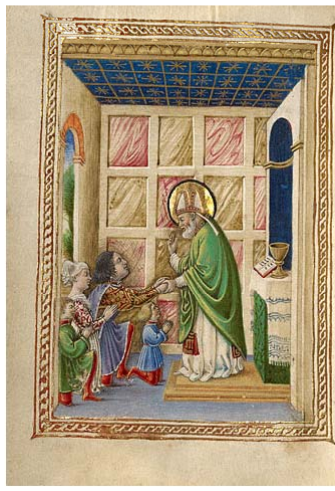
Other: Creation: Ferrara [7003128] Emilia-Romagna (region), Italy (nation), Europe (continent) (Geographic)

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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 Giraldo, Museum at the Getty Center (Los Angeles, Los A...; 83.ML.109; Ms. Ludwig
Note: 211 folios + 6 flyleaves, 21 full-page miniatures, 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

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

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Te Papa

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TE PAPA TONGAREWA

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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

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; identification number: OL000151)

representative of the most common variety of hei-tiki described by Webster in 1948. Typically the head rests on the shoulders and at the elbows and rest on the thighs. The head is positioned 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 1992. Acquired by 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
the
194

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Wo

Cl

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hei tiki (<sculpture by subject type>, sculpture (visual work), ... (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 as good 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

Rijksmuseum

Plan your visit

Collection

About the Museum

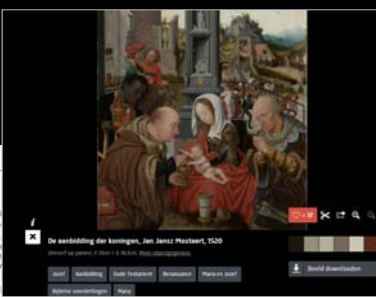
Unexpected discoveries and new insights

Rembrandt unraveled

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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: 700001929
Images: 1

De aanbidding der koningen (easel painting, 1520/1525; Rijksmuseum (Amsterdam))

Note: Outside a richly decorated gate, parts of the world to Bethlehem to worship the old king, right, 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 (C,U,DE,English,U,U)
 Adoration of the Magi (C,U,English,U,U)

Catalog Level: Item

Work Types:
 easel painting (painting by form) [300177435] (preferred)
 (Objects Facet, Visual and Verbal Communication (Hierarchy Name), Visual Works (Hierarchy Name), <visual works (Guide 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. 1473, 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 Kùhne (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 Subject:
 religion and mythology (preferred)
 human figure(s)

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

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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

```

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```

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National Palace Museum

國立故宮博物院 NATIONAL PALACE MUSEUM

回首頁 | 網站地圖 | 常見問答 | Languages | PDA版 | 網路會員中心 請輸入關鍵字 搜尋

參觀故宮 典藏資源 學習資源 博物館行政 認識故宮



武丁與婦好

殷商盛世文化藝術特展
KING WU DING AND LADY HAO
Art and Culture of the Late Shang Dynasty

2012 10.19 - 2013 02.19 國立故宮博物院文獻大樓一樓 開館時間：上午09:00-下午05:00 (週一不休館)

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National Palace Museum

- Handful entered by hand from Web site

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

located along the central axis. The
giant pines, up against twisting mountain rocks in the middle distance. Separated
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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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

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

Arka-Brahma temple (preferred name)

Level: item

Types: temple (building) [300007595] (preferred)

Material: red sandstone


Location: Andhra Pradesh (state), India (nation), Asia (continent), World (facet) (Geographic)

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

Architect: unknown Chalukyan (Chalukyan artist) [300203072]

Patron: Vikramaditya I (Chalukyan king, died 682 CE) [500254903]

Material: igneous sandstone [300011398]



Dimensions: not available

Events: protected: ASI Hyderabad

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CAA AIIS

- Hierarchical relationships for architecture

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

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

Level: item

Types: temple (building) [300007595] (preferred)

Material: igneous sandstone

Location: Andhra Pradesh (state), India (nation), Asia (continent), World (facet) (Geographic)

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

Architect: unknown Chalukyan (Chalukyan artist) [300203072]

Patron: Vikramaditya I (Chalukyan king, died 682 CE) [500254903]

Material: igneous sandstone [300011398]

Cultural Objects Names Authority[®] Full Record Display

Record Type: Built Work

es: 1

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

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

Level: item

Types: temple (building) [300007595] (preferred)

Material: igneous sandstone

Location: Andhra Pradesh (state), India (nation), Asia (continent), World (facet) (Geographic)

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

Architect: unknown Chalukyan (Chalukyan artist) [300203072]

Patron: Vikramaditya I (Chalukyan king, died 682 CE) [500254903]

Material: igneous sandstone [300011398]

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

The screenshot shows the website for the State Museums of Berlin. The main header reads "Staatliche Museen zu Berlin" and "Preußischer Kulturbesitz". Below this is a navigation menu with links for Home, Museums, Collections / Institutes, What's on, News, Research, Education, Service, Sponsors, Press Enquiries, Shop, About us, and Language. A search bar is present, along with social media icons for Facebook, Twitter, YouTube, and RSS. The main content area is titled "Museums" and features a sidebar with a list of museums including the Alte Nationalgalerie, Altes Museum, Bode-Museum, Friedrichswerdersche Kirche, Gemäldegalerie - Old Master Paintings, Hamburger Bahnhof - Museum für Gegenwart - Berlin, and Art Library. The main content area is titled "Pergamon Museum" and includes a description of the museum's history and a photograph of the entrance. The text states: "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..."

State Museums of Berlin

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



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


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

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

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); Joachin 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]
The Oil Press Pérez, Pintura Española en Chile (1999) 70 [VP]

Joachin Sorolla y Bastida (1863-1923) [preferred,VP]
 painter Sorolla y Bastida, Joaquin (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) es only. Do not distribute.

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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

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: 500308749 Record Type

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

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

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,I)

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	General Depicted	Indexing
1	P	botanical	
		cartographic	
		ceremonial object	
		cityscape	
		didactic and propaganda	
		funerary art	

ULAN ID	TGN ID	AAT ID	Iconogr
		300179372	
		300343602	
		300343606	

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- General depicted subject chosen from controlled list in CONA



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

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

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; (CMAIG)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 E
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		

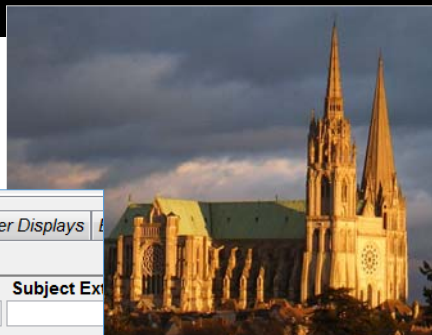
Lidded Bowl



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



Chartres Cathedral

Depicted Subject		Outside Iconography	Culture/Style	Other Displays	
General Subject					
#	P	General Depicted	Indexing Type	Subject Extent	
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			

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Indexing depicted subject

- Terms linked to AAT and to ULAN



Depicted Subject		Outside Iconography	Culture/Style	Other Displays	Events	Subject Categories	
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	P	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

AAT Search

Facet:

Search Text: domestic cat

Note Text:

And/Or:

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	<input type="text"/>	<input type="text"/>

Specific Subject

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

Indexing depicted subject

- Link to the CONA Iconography Authority



General Subject				
#	P	General Depicted	Indexing Type	Subject Extent

Specific Subject		Iconography Id	
P	Depicted Label	AT ID	Iconography Id
▼	Adoration of the Magi		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
F	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 (Acheron, 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
1	P	D	Battle of Bull Run, First
2	V	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

Rel Type	Label	AAT ID
role/attribute	battles (armed conflicts, events, Events, Activities Facet)	300185692

Rel Type	Place Label	TGN ID
located in	Manassas (Manassas, Virginia, United States, North and C	2112877

Rel Type	Person/Corp Label	ULAN ID
protagonist was	Beauregard, P.T.G, General (American confederate genera	500355037

Iconclass

- Contributor may supply subject terms from other authorities
- Source is noted

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events
Outside Iconography Term		Outside Iconography Code		
Hercules		94L		

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events	Subject Contr
Outside Iconography Term		Outside Iconography Code			
Hercules		94L			

LC subject headings

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events	Subject Contrs/Sources	Notes	Media	Addl Subject Fields
Outside Iconography Term		Outside Iconography Code		P		Source		
Little Bighorn, Battle of the, Mont., 1876						(200		

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events
Outside Iconography Term		Outside Iconography Code		
Little Bighorn, Battle of the, Mont., 1876		sh 85077676		

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How to improve indexing of depicted subject?

Museums often do not record subject

- 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

D-Lib Magazine

March/April 2010
Volume 16, Number 3/4
[Table of Contents](#)

Museum Data Exchange: Learning How to Share

Günter Waibel, Ralph LeVan, Bruce Washburn
OCLC Online Computer Library Center
{waibel, levan, bruce_washburn}@oclc.org

doi:10.1045/march2010-waibel

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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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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)	99	91	95.5	95.5	99	100	95	100	80
13. Location Name	100	99	77.5	100	100	80	99	80	97.5
14. WorkID	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

How to improve indexing of depicted subject?

- Some CONA contributors have provided some subjects

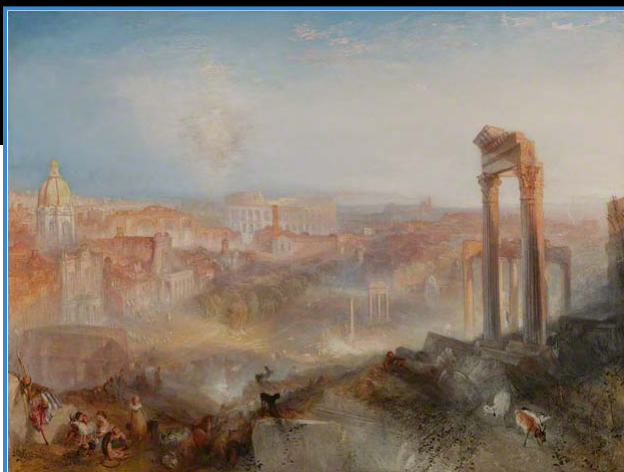
```

</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

- 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

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Cityscapes 1 - 10 of 62 objects displayed chronologically Next ▶


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

- 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 ← About-ness

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



What level of subject indexing?

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*

Outstanding Issues

Editorial and technical issues to be resolved

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List of issues that were discussed at ITWG meeting 2013

- Terms associated with IDs changed
- How to incorporate data changes in "round trip"
- LOD vs existing formats
- No descriptor for a language
- Legacy terms in various languages
- True synonyms, exact equivalence
- Should microthesauri be contributed?
- Adding associative relationships
- Avoid unbound compound terms
- Qualifiers are needed
- Adding animal and plant species
- Other Specific questions
- Controlled lists published as authorities
- How to flag variations or dialects of one language
- CONA Credit Line
- Linking non-IA entries to IA
- Include subject_id of linked vocab in contribution
- Other issues? Male/Female distinctions


Terms associated with IDs changed

- For the past several years, editors have been very careful to avoid changing term_IDs, but was not done historically;
 - subject_id was persistent, but term_id could change (the term associated with it could change)
- But it is not enforced in the editorial system so it still happens sometimes
- Cannot be eliminated entirely, due to human error


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Terms associated with IDs changed

- Typical example where it happened in the past: display name in ULAN was edited instead of deleted and replaced

#	P	H	V	Terms/Names
1	P	NA	V	Rechlin, Carl
 2	V	NA	V	Carl Rechlin the Elder

Terms/Names

#	P	H	V	Terms/Names	Display
 1	P	NA	V	Rechlin, Carl, the elder	
2	V	NA	V	Carl Rechlin the Elder	
3	V	NA	V	Rechlin, Carl	
4	V	NA	V	Rechlin, Carl Gustav	

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Terms associated with IDs changed

- But another significant problem still exists
- We do not track term “moved’ to another record
- “Moved” conceptually, but actually deleted UF in one record is re-typed with a new term ID in a new record
- How to fix this in VCS?

- *great chairs* was UF in record for Harvard chairs, but not really an exact synonym for *Harvard chairs*
- A given *Harvard chair* may also happen to be a *great chair*, but not all *Harvard chairs* are *great chairs* and most *great chairs* are not *Harvard chairs*

Note: Armchairs designed to be the largest pieces of furniture in a sitting room, particularly common in 17th-century Britain and America. They are made of wood, usually with conspicuous carvings and occasionally with upholstered seats. They may resemble a throne.

Terms:

- great chairs** (**preferred**,C,U,English-P,D,U,PN)
(Dutch,D,U,U)
- great chair** (C,U,English,AD,U,SN)
(Dutch,AD,U,U)
- chairs, great** (C,U,English,UF,U,N)
- great-chairs** (C,U,English,UF,U,U)
- great armchairs** (C,U,English,UF,U,N)



Note: Chairs having a triangular seat and three turned legs, popular in 17th-century America and Britain. The seat may be upholstered. The type is heavily inspired by Late Gothic and Early Renaissance three-cornered chairs of continental Europe.

Terms:

- Harvard chairs** (**preferred**,C,U,English-P,D,U,PN)
- Harvard chair** (C,U,English,AD,U,SN)
- chairs, Harvard** (C,U,English,UF,U,U)
- sillas Harvard** (C,U,Spanish-P,D,U,PN)
- silla Harvard** (C,U,Spanish,D,U,SN)



Terms associated with IDs changed

- The Revision History notes that a term was deleted from the Harvard chairs record, but there is no link and no maintained ID when great chairs was re-typed into the new record
- Can we fix this? Requires new functionality in editorial system

	updated	PHARPRING	9/27/2011 13:38:17	Harvard chairs (100052033)
T	updated	PHARPRING	9/27/2011 13:38:17	Harvard chairs (100052033)
S	updated	PHARPRING	9/27/2011 13:38:16	
T	deleted	PHARPRING	9/27/2011 13:38:16	chairs, great (100052033)
T	deleted	PHARPRING	9/27/2011 13:38:16	great chair (1000520337)
T	deleted	PHARPRING	9/27/2011 13:38:16	great chairs (100052033)

AAT: Guide terms become concepts

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

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>

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Tracking of Guide Terms records that change *record type*

- GT becomes concept, GT becomes a candidate in a section of AAT called “to be deleted”
- How is reflected in revision history
- How can this be tracked in a report for translating projects?

Revision History for corner buttresses (buttresses, supporting and resisting elements, structural elements, stru

Type	Action	User Name	Date Time	Public Note	P
S	updated	PHARPRING	1/10/2013 09:31:51		
S	published	SYSADM	4/5/2012 00:00:00	Publish to rel and XML	
S	updated	JWARD	9/20/2011 14:15:56		
S	updated	JWARD	9/20/2011 14:15:46		
S	published	SYSADM	4/5/2011 00:00:00	Publish to rel and XML	
S	merged	LOADER	1/7/2011 22:36:36	Dominant: corner buttres	
T	updated	LOADER	1/7/2011 22:36:34	corner buttresses (1000)	

Terms/Names Dis

corner buttresses	
hoeksteunberen	
contrafuertes de esquina	

AAT: Guide terms, or any record, is moved to candidate status

- Is this tracked in Revision History?
- Periodic reports to translating projects

Top of the AAT hierarchies

.... Objects Facet	.... Objects Facet
..... Built Environment (Hierarchy Name)	..... Built Environment (Hierarchy Name)
..... Single Built Works (Hierarchy Name)	..... Single Built Works (Hierarchy Name)
..... <single built works (Built Environment)>	..... <single built works (Built Environment)>
..... <single built works by specific type>	..... <single built works by specific type>
..... <single built works by function>	..... <single built works by function>
..... residential structures	..... residential structures
..... special use structure	..... special use structure
..... birth huts	..... birth huts
..... death huts	..... death huts
..... dormitories (buildings) [N]	..... dormitories (buildings) [N]
..... hale 'aina	..... hale 'aina
..... hale kua	..... hale kua
..... homes for the aged [N]	..... homes for the aged [N]
..... menstrual huts	..... menstrual huts
..... hale pe'a	..... hale pe'a
..... mua	..... mua

Top of the AAT hierarchies

.... Objects Facet	.... Objects Facet
..... Built Environment (Hierarchy Name)	..... Built Environment (Hierarchy Name)
..... Single Built Works (Hierarchy Name)	..... Single Built Works (Hierarchy Name)
..... <single built works (Built Environment)>	..... <single built works (Built Environment)>
..... <single built works by specific type>	..... <single built works by specific type>
..... <single built works by function>	..... <single built works by function>
..... <residential structures>	..... <residential structures>
..... dwellings	..... dwellings
..... <group dwellings>	..... <group dwellings>
..... houseboats [N]	..... houseboats [N]
..... houses	..... houses
..... multiple dwellings	..... multiple dwellings
..... <residential eating structures>	..... <residential eating structures>
..... hale 'aina	..... hale 'aina
..... mua	..... mua
..... <residential menstrual structures>	..... <residential menstrual structures>
..... hale pe'a	..... hale pe'a
..... <residential work structures>	..... <residential work structures>
..... hale kua	..... hale kua

Big Issue: How to track changes

- Updates in the *Round Trip, and Version Control*
- Additions work well, new subjects and new terms or other data in existing subjects
- But updating changes and deletions is currently done by hand or not at all
- Updating contributors' data coming to AAT:
 - How can we do this? Comparison of all fields in a new contribution with previous contribution may not work
 - Focus on a few fields? Which fields? SN, Term, Sources?

Big Issue: How to track changes

- Contributors updating AAT data coming to them:
 - Could you replace all data that is not from you as contributor?
 - For any data with you as contributor, you should be alerted of any changes, via reports
 - But most will want to see changes to English information too, or other languages
 - Again, could we target certain fields? Give you reports, or suggest reports you could write to compare your version to the new one?
 - Could we learn from what Gallery Systems is doing for AAT updates?

LOD vs existing formats

- Given user feedback and out analysis, it becomes clear that when we release the data as LOD, we cannot eliminate XML and Relational Tables
- While we cannot completely dismiss the possibility, if we ever were to discontinue them, we would give you much advance notice

No Descriptor for a language

- How does this happen? Legacy data
- Source (e.g., *IFLA Glossary*) listed only singular, which is the Alternate Descriptor
- Need expert contributor to add the plural
- AAT and all vocabs are works in progress

archives (institutions) (preferred, C,U,English-P,D,U,PN)
(institution) (French-P,D,U,PN)
archive (institution) (C,U,English,AD,U,SN)
archieven (instellingen) (C,U,Dutch-P,D,U,PN)
archieff (instelling) (C,U,Dutch,AD,U,SN)
Archiv (institution) (C,U,German,AD,U,SN)
Urkunden Sammlung (C,U,German,UF,U,U)
Aktensammlung (C,U,German,UF,U,U)
archivio (institution) (C,U,Italian,AD,U,SN)
archivos (institution) (C,U,Spanish-P,D,U,SN)
arkiv (institution) (C,U,Swedish,AD,U,SN)



Legacy terms in various languages

- Expert approval needed
- RKD has already taken care of this for us, through reports and changes indicated on spread sheets
- Are these German, Italian, French, and Swedish terms correct?



solander boxes (preferred,C,U,English-P,D,U,PN)
 solander box (C,U,English,AD,U,SN)
 boxes, solander (C,U,English,UF,U,N)
 solander cases (C,U,English,UF,U,N)
 solanders (boxes) (C,U,English,UF,U,N)
 solander (solander box) (C,U,English,UF,U,U)
 cassettedozen (C,U,Dutch-P,D,U,U)
 cassettedoos (C,U,Dutch,AD,U,U)
 solanderdozen (C,U,Dutch,UF,U,PN)
 solanderdoos (C,U,Dutch,UF,U,SN)
 overslagdoos (C,U,Dutch,UF,U,SN)
 overslagdozen (C,U,Dutch,UF,U,PN)
 boîte à archives (C,U,French,AD,U,SN)
 Sammelschachtel (C,U,German,AD,U,SN)
 Kapsel (C,U,German,UF,U,SN)
 scatola a forma di libro (C,U,Italian,AD,U,SN)
 caja solander (C,U,Spanish,AD,U,SN)
 caja en forma de libro (C,U,Spanish,UF,U,SN)
 kapsel i form av en bok (C,U,Swedish,AD,U,SN)
 dokumentask (C,U,Swedish,AD,U,SN)

AAT: True synonyms vs not

- TELDAP may need to allow inexact simple equivalence
- If so, we need to flag it in AAT data

		○ : NPM	⊙ : AAT	Term Mapping Type	適用情況Definition
=EQ	精準等同 [=] Exact, simple equivalence				The concepts of the two terms are exactly the same.
-EQ	近似等同 [><] Inexact simple equivalence				The concepts of the two terms are not exactly the same. These concepts are equivalent in certain contexts while not in others, or these concepts might overlap in scope or are slightly different from each other in connotation.
EQ+	交集等同 [一對多] Intersecting compound equivalence				The concepts of the two terms can be represented as two or more intersecting compound sets.
EQ|	聯集等同 [一對多] Cumulative compound equivalence				The concept of one term is equal to the sum of the (two) concepts of another term.
BM	狹廣對應 [<] Hierarchical mapping (narrower to broader)				The concepts of the two terms are in a narrower-to-broader hierarchical relationship.
NM	廣狹對應 [>] Hierarchical mapping (broader to narrower)				The concepts of the two terms are in a broader-to-narrower hierarchical relationship.
RM	關聯對應 Associative mapping				The concepts of the two terms are neither equivalent nor hierarchically related, but are associative semantically to a certain degree.

AAT: True synonyms vs not

- We strongly recommend that translations are exact equivalences of the English descriptor
- Terms should be interchangeable
- All terms in the record should mean the same thing so that all terms are described by the SN and so that all Associative Relationships apply to the concept no matter what term is used to describe it

AAT: True synonyms vs not

- But given the difference in culture, perhaps it is necessary
- If you must do it, we want to capture Taiwanese flags for types for quasi-synonyms (*Exact* or *Inexact*; maybe also *Intersecting Compound*, etc.)
- Maybe add values to “Language Status,” linked to language, which is linked to the term; should avoid changing data structure

#	P	H	V	Terms/Names	Display Dt	Start Dt	End Dt	Term ID	Disp Nm	AACR2 Flag	Oth
1	P	C	U	painters				1000025136	N/A	Yes	N/A
2	V	C	U	painter				1000283002	N/A	N/A	N/A
3	V	C	U	painter's				1000283003	N/A	N/A	N/A
4	V	C	U	painters'				1000283004	N/A	N/A	N/A

Term Contrib(s) P	Qualifier	Part of Speech	Lang Status	Term Source(s)	Page
GCI	P	artists	Plural Noun	AATA database (2002-)	126942 chec
VP	P			Subject Headings (1985-)	BT artists; pa
			Undetermined	ARC Subjects: LCSH (1988-)	painters
			N/A		
			Loan Term		

Should Microthesauri be contributed?

- What should be contributed to the AAT?
- Microthesaurus vs. new branch of the AAT
- If the terms are within scope of the AAT, and if they are not already in the AAT, please contribute them

Adding associative relationships

- When to add them?
- Only unique and critical relationships
- E.g., *watercolor brushes* are used only for *watercolors*; *watercolorists* paint only *watercolors* = unique relationship

When to make Associative Relationships

Make links to Related Concepts when it is useful to the end-user to have a cross-reference to the other concepts and when the concepts are directly related to each other but they do not have a hierarchical relationship. Think in terms of retrieval: Would such a link be useful in a search engine? If the concept records are clearly related but they are not linked via the hierarchy, create an associative relationship to prevent the conceptual link from being lost. In the examples below, the Related Concepts are in different hierarchies from the record for *watercolors*.

• **Example**

[for "watercolors" paintings]

- **Relationship Type:** equipment needed/producing is
Related Concept: watercolor brushes (<artists' brushes by function>, artists' brushes, ... Furnishings and Equipment)

Relationship Type: material(s) used/producing is
Related Concept: watercolor (water-base paint, <paint by composition or origin>, ... Materials)

Relationship Type: material(s) used/producing is
Related Concept: watercolor paper (drawing paper, <paper by function>, ... Materials)

Relationship Type: creator(s) is
Related Concept: watercolorists (<painters by technique, implement, or material employed>, implement, ... People)

- Are these things associated **only** or primarily with this festival? If not, don't link. If so, okay.

	person	activity	thing	location	style	general (anything to anything)	species	material
person	2280	2310	2332- creation 2333- equipment	2290				2314
activity		2310	2425- creation 2426- equipment 2204- causes					2414
location		2290	2420	2207				
thing			2425- creation 2426- equipment 2324- equipment 2204- causes	2207	2550			2500
head of library								
condition	2284	2410	2396	2407				
material	2500	2606	2603					2207- common source 2313- comprise 2316- transform
style			2550			2554- comet 2557- common source 2558-based on 2510- inspired 2509- preceded 2513- parallels		
general (anything to anything)						2000-related to 2001- formerly revised 2100- disappeared from 2110- overlaps with		
species								2530



Spring rolls



Qingming Festival



Sweeping the tombs



Wearing willow

Avoid unbound 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*

Avoid unbound 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>
		ankles (animal or human components)
		antler [N]
		arms (animal or human components)
		baleen [N]
		beak (keratinous material) [N]
		bone (material) [N]
		chests (animal or human components)
		claws
		egg [N]
		elbows (animal or human components)
		<excretions and secretions> [N]
		faces (animal or human components)
		feather (material) [N]
		feet (animal or human components)

Qualifiers are needed: clarification

- Qualifiers for one language term are required where there is a homograph for another language
- This is often omitted
- We can periodically give reports to contributors listing terms that need qualifiers in the mother AAT

Qualifiers needed: clarification

- *arca* is a homograph and needs a qualifier no matter what the language

1.   **arcae**
(chests (case furniture), case furniture, ... Fur
arca (safe chests)
2.   **arks (case furniture)**
(case furniture, <storage and display furniture
[300139717]
arca

Spanish

Qualifiers needed: clarification

- *arca* is a homograph and needs qualifier
- Spanish, Dutch, and Italian terms need qualifier

arks (case furniture) (**preferred**,C,U,English-P,D,U,PN)
ark (case furniture) (C,U,English,AD,U,SN)
 (**kastmeubilair**) (Dutch,AD,U,U)
ark chests (C,U,English,UF,U,N)
arken (C,U,Dutch,D,U,U)
arcas (C,U,Spanish-P,D,U,PN)
arca (C,U,Spanish,AD,U,SN)

arcae (**preferred**,C,U,English-P,D,U,PN)
 (Dutch,D,U,U)
arca (safe chests) (C,U,English,AD,U,SN)
 (Dutch,AD,U,SN)
 (Italian,AD,U,SN)

Qualifiers needed or not

- Taiwan project steps for creating qualifiers: Yes, this is compliant with AAT rules

Disambiguation – Rules for

... creating qualifiers

- Step 1. Add Qualifiers to Chinese Terms
 - Chinese qualifiers are added according to the priority rules below:
 - Upper contexts*
 - Multiple parent nodes*
 - Special arrangement
- Step 2. Remove Qualifiers from Chinese Terms
 - Chinese qualifiers are removed according to the elimination of homograph

Step 1. Add Qualifiers

... to Chinese Terms:

Rule 1. Upper contexts



Disambiguation



bean
 豆
 (transliteration:
dou)
 Note :
 General term for any

dou
 豆 (transliteration:
dou)
 Note :
 Long-stemmed lidded
 vessel of the Western
 Zhou. The shape first
 appeared in ceramic



Materials Facet

- Materials (Hierarchy Name) (G)
- materials (matter) (G)
- <materials by origin> (G)
- <biological material> (G)
- plant material (G)
- <seed and seed components>
- seed (G) ... 種子
- bean (G) ... 豆



Objects Facet

- Furnishings and Equipment (Hierarchy Name)
- Containers (Hierarchy Name) (G)
- containers (receptacles) (G)
- <containers by function or content>
- ceremonial containers (G)
- ritual vessels (G) ... 禮器
- dou (G) ... 豆

豆 (種子 seed)

豆 (禮器 ritual vessels)

Step 1. Add Qualifiers ... to Chinese Terms:

Rule 2. Multiple parent nodes

Hierarchical Position:

- Objects Facet
- Built Environment (Hierarchy Name) (G)
- Single Built Works (Hierarchy Name)
- <single built works (Built Environment)> (G)
- <single built works by specific type> (G)
- <single built works by function> (G)
- <agricultural structures> (G)
- **agricultural building 農業建築**
- granaries (G) 穀倉

Additional Parents:

- Objects Facet
- Built Environment (Hierarchy Name) (G)
- Single Built Works (Hierarchy Name) (G)
- <single built works (Built Environment)> (G)
- <single built works by specific type> (G)
- **single built works 農業建築**
- storage facilities 倉庫
- granaries (G) 穀倉

Disambiguation

Objects Facet

- Built Environment (Hierarchy Name) (G)
- Single Built Works (Hierarchy Name) (G)
- <single built works (Built Environment)> (G)
- <single built works by specific type> (G)
- <single built works by function> (G)
- <agricultural structures> (G)
- **agricultural buildings 農業建築**
- terms (G) 穀倉


sliding doors, prominent roofs, and predominantly open spaces on the interior, primarily used as storage buildings for hay, grains, and farm equipment and shelters for livestock...

**穀倉 (農業建築或儲藏設施
agricultural buildings or storage facilities)**

穀倉 (農業建築 agricultural buildings)


Step 1. Add Qualifiers ... to Chinese Terms:

Rule 3. Special arrangement 1



Disambiguation

bell towers	clock towers
鐘塔 (transliteration: zhong ta)	鐘塔 (transliteration: zhong ta)
Note : Towers fitted and prepared for containing bells , can be either freestanding	Note : Towers whose primary function is to contain and prominently display a clock or clocks .



Objects Facet

- Built Environment (Hierarchy Name) (G)
- Single Built Works (Hierarchy Name) (G)
- <single built works (Built Environment)> (G)
- <single built works by specific type> (G)
- <single built works by form> (G)
- <single built works by form: massing or structure> (G)
- towers (single built works) 塔 (單一建)
- bell towers (G) 鐘塔
- "belfries."

Objects Facet

- Built Environment (Hierarchy Name) (G)
- Single Built Works (Hierarchy Name) (G)
- <single built works (Built Environment)> (G)
- <single built works by specific type> (G)
- <single built works by form> (G)
- <single built works by form: massing or structure> (G)
- towers (single built works) 塔 (單一建)
- clock towers (towers) (G) 鐘塔

鐘塔 (鐘bells)


鐘塔 (時鐘clocks)

Step 1. Add Qualifiers

... to Chinese Terms:

Rule 3. Special arrangement 2


Disambiguation

	bell towers	clock towers
	鐘塔 (transliteration: zhong ta)	鐘塔 (transliteration: zhong ta)
	Note : Towers fitted and prepared for containing bells , can be either freestanding	Note : Towers whose primary function is to contain and prominently display a clock or clocks .

Objects Facet

- Built Environment (Hierarchy Name) (G)
- Single Built Works (Hierarchy Name) (G)
- <single built works (Built Environment)> (G)
- <single built works by specific type> (G)
- <single built works by form> (G)
- <single built works by form: massing or s
- towers (single built works) ... 塔 (單一建
- bell towers (G) ... 鐘塔


Objects Facet

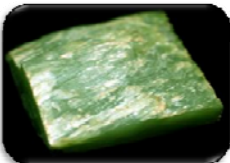

- Built Environment (Hierarchy Name) (G)
- Single Built Works (Hierarchy Name) (G)
- <single built works (Built Environment)> (G)
- <single built works by specific type> (G)
- <single built works by form> (G)
- <single built works by form: m
- towers (single built works) ... 塔 (單
- clock towers (towers) (G) ... 鐘塔

鐘塔 (bell towers)
鐘塔 (clock towers)

Step 2. Remove Qualifiers

... from Chinese Terms


Disambiguation

	jade(rock)	jade(color)
	玉 (transliteration: yu)	綠玉色 (transliteration: lǜ yu se)
	Hard, fine-grained rock composed either of jadeite or nephrite and usually having a color ranging from dark green to green-white. Jade takes a high polish and has been used since prehistoric times for ...	Refers to a range of greenish colors resembling the color of jade, which is a gemstone composed of nephrite or jadeite.

jade (rock)

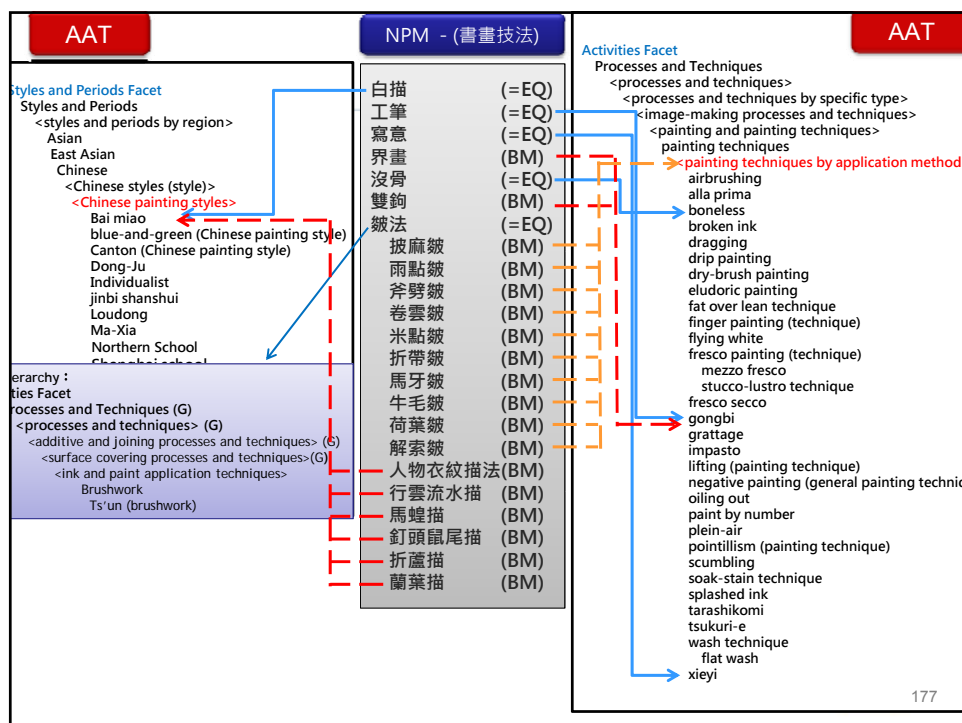
玉 (~~岩石~~)

← translated

jade (color)

綠玉色 (~~色彩~~)

← translated



Various Vocab controlled lists as published authorities

- Making controlled lists in vocabularies authorities in their own right
- Advantage is that others can use them in triples and elsewhere, Getty maintains brand on them
- When the list will eventually be linked to AAT, etc.; even so, this subset of the AAT has value as a separate thing
- When the controlled list (relationship types) is not directly link-able to another vocabulary

- To be decided
- Associative relationships are independent list
- Roles will eventually be linked to AAT

Code	Focus Entity	Related Code	Role ID	Role
1000	related to	1000	30001	architects
1001	miscellaneous	1001	30002	architectural firm
1003	associated with	1003	30003	architectural group
1005	possibly identified with	1005	30010	architect
1006	formerly identified with	1006	30050	amateur architect
1007	distinguished from	1007	30061	associated architect
1100	<person to person - teaching/learning>	1100	30065	executive architect
1101	teacher of	1102	30066	supervising architect
1102	student of	1101	30067	project architect
1105	apprentice of	1106	30081	architecture student
1106	apprentice was	1105	30201	government architect
1107	influenced	1108		

How to flag variations or dialects of one language

- Different terms for the same language (e.g., *German*, *Germany* or *German*, *Swiss*)
 - *Issue: Implementers will need to know which is preferred "German" overall; are "German" and "standard German" the same thing? Etc. Algorithms for implementers should be suggested (use 70101 German, if none, use 70104 Standard German)*
- Vocabulary Program will add new language designations as needed
- Dutch and Belgian collaboration, however, has discovered fewer issues than expected

Code	Description
70101	German
70102	High German
70103	Low German
70104	Standard German
70105	Germanic language

Code	Description
70261	Dutch
70262	Flemish
70263	Afrikaans

How to flag variations or dialects of one language

- There are 23 Chinese language designations so far

Code	Description
72550	Chinese
72551	Chinese (traditional)
72552	Chinese (simplified)
72553	Chinese (Zhuyin transcription)
72561	Chinese, Gan
72562	Chinese, Hakka
72563	Chinese, Huizhou
72564	Chinese, Jinyu
72565	Chinese, Mandarin
72566	Chinese, Min Bei
72567	Chinese, Min Dong
72568	Chinese, Min Nan
72569	Chinese, Min Zhong
72573	Chinese, Pu-Xian
72574	Chinese, Wu
72575	Chinese, Xiang
72576	Chinese, Yue
72581	Chinese (transliterated)
72582	Chinese (transliterated Wade-Giles)
72583	Chinese (transliterated Pinyin)
72584	Chinese (transliterated Hanyu Pinyin)
72585	Chinese (transliterated Tongyong Pinyin)
72586	Chinese (transliterated Pinyin without tones)

CONA Credit Line: Display issues

- Copyright display: Where must it display online?

In VCS

Repository Numbers	Credit Line	Address Note
242315	copyright J. Paul Getty Trust, Getty Research Institute,	1200 Getty Center Dr., Suite 1100, Los Ange

In results list online (currently not displayed)

1.  [Afbeelding van het vreugde Vuur afgestookten ter gedachtenisse van de Vreede tussen zyn Keyserlike Mayesteit van Rusland, etc. etc. en den Koning en de Croon van Sweeden, opgereg, door orde van de Ed: Heer Christoffel van Brants, Ryks Edelmán Hoffraed, en Resident van zyn Keyserly\[...\]](#)
 (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*)
 (Movable Work) [700000911]

CONA Credit Line: Display issues

- Copyright display

In full record online

Locations:

Current: Getty Research Institute, Special Collections (Los Angeles, Los Angeles county, California, United States) [500353615] Getty Research Institute, J. Paul Getty Trust, Corporate Bodies (Corp. Body)
 Repository Numbers: 541914; accession number: 2000.PR.31*
 Credit Line: copyright J. Paul Getty Trust, Getty Research Institute, Special Collections
 Address Note: 1200 Getty Center Dr., Suite 1100, Los Angeles, CA 90049-1688

In results list online (currently not displayed)

- First ◀◀ Previous ◀ Next ▶▶ Last ▶▶
1.   **Afbeelding van het vreugde Vúúr afgestooken ter gedagtenisse van de Vreede tussen zyn Keyserlike Mayesteit van Rusland, etc. etc. en den Koning en de Croon van Sweeden, opgereg, door ordre van de Ed: Heer Christoffel van Brants, Ryks Edelmán Hoffraed, en Resident van zyn Keyserly[...]**
 (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*)
 (Movable Work) [700000911]

Linking non-IA entries to IA: Iconclass etc.

- Iconclass code in the import format; Rijksmuseum captures this in their record, is it in the import format
- Could the outside iconography term be linked to the IA record somehow? Now is a reference inside the work record, not linked in any way to IA

Depicted Subject	Outside Iconography	Culture/Style	Other Displays	Events	Subject Contrbs/Sources	Notes	Media	Addl Subject Fields
	Outside Iconography Term	Outside Iconography Code	P	Source				
	<input type="text"/>	<input type="text"/>						

Include subject_id of linked vocab record if you know it

- Object type “panel painting” is translated from the Dutch AAT (subject_id?)
- Artist linked to ULAN
- Etc.

```

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  <Catalog_Level>Item</Catalog_Level>
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    <Type>repository</Type>
    <Language>Dutch</Language>
    <Title>The adoration of the Magi</Title>
    <Preference>variant/alternate</Preference>
    <Language>English</Language>
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    <Role>schilder</Role>
  </CREATOR>
  <Qualifier>
  </Qualifier>
  </record>

```

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Others issues?

- Male/Female designations:
 - AAT, as originally designed monolingual, inconsistently placed male and female roles in the same or separate records (*duke / duchess*)
 - Going forward with translations, this becomes a big problem, because the distinction between male and female will be different in different languages
 - Resolved with qualifiers?
 - No. Better solution is to eventually merge existing English 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
- Which is preferred, male or female? Is the other an AD?

duchesses (noblewomen)
(noblewomen, nobles (aristocrats), ... People) [300156290]
duchesses' (noblewomen)

dukes
(noblemen, nobles (aristocrats), ... People) [300132247]
duke's
dukes'

archivists
(people in history-related occupations), <people in history-related occupations>, <people in history-related occupations> [300162133]
Archivar
Archivarin



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