Transformation of Getty Vocabulary data to MARC

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Why we're doing this



Current Data Structures

AAT, ULAN, and TGN are all currently formatted as Linked Open Data and is available via the SPARQL endpoint and through the online search as XML, JSON and JSON-LD, RDF, N3/Turtle, N-Triples

> Search Brief -

> > **Community Support Forum**

Embedded groups are no longe

view this group, visit Google Gro

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		Research Home + Tools + Art & Architecture Thesaurus + Full Record Display
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supported. 1		Semantic View (JSON. RDF. N3/Turtle, N-Triples)
ups. Learn mo		ID: 300198841 Page Link: http://vocab.getty.edu/page/aat/300198841

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The Getty Vocabularies

Welcome to the SPARQL endpoint vocab.getty.edu

Getty Vocabularies: LOD SPARQL

The Getty Vocabularies: The AAT, TGN, ULAN, and CONA contain structured terminology for art and other material culture, archival materials, visual surrogates and bibliographic materials, Compliant with international standards, they provide authoritative information for catalogers and researchers, and can be used to enhance access to databases and Web sites. The Getty Vocabularies are produced by the Getty Vocabulary Program (GVP) and grow through contributions.

Any -

Queries

NOW Available:

The Art & Architecture Thesaurus (AAT) ®

Catherine wheel or rose window? AAT is a structured vocabulary including terms descriptions and other information for generic concents related to art and architecture

The Getty Thesaurus of Geographic Names (TGN) ®

London or Londinium? TGN is a structured vocabulary, including names, descriptions, and other information for places important to art and architecture

The Union List of Artist Names (ULAN) @ Titian or Tiziano Vecellio? ULAN is a structured vocabulary, including names, biographies, and other information about artists and architects

Ontology Update Note: There are changes to the ontology and mapping, see Version 2.0 Changes and Version 3.0 Changes

Documentation and Downloads:

 NEW! Linked.Art Semantic Representation: Website, Model Default model for JSON and JSON-LD serializations Semantic Resolution Activity Stream: https://data.getty.edu/vocab/activity.stream SPARQL Endpoint: https://data.getty.edu/vocab/sparql SPAROL 14: https://data.getty.edu/vocab/spargl-ui

 G' P Semantic Playings, data in ("TML ("or linking), PDF (for printing) Si tions G) () A prefixes that we use are in prefixes that Col, hrehen ve Sample Jueri slare Juded · GVP ontology: HTML_RDF/XML_Turile · Datasets: (NTriples Zip, see doc section Export Files before usingl): AAT full zin (all statements), explicit zin (only explicit statements)

👗 rhyta (drinking vessels, <vessels for serving and consuming food>, ... Furnishings and Equipment (hierarchy name)) Note: Vessels from Ancient Greece, eastern Europe, or the Middle East that were typically made as a closed form with two openings, one at the top for filling and one at the base so that liquid could stream out. They are often in the shape of a horn or an animal's head, and were twically used as a drinking cup or for pouring wine into another vessal Drinking was done by holding the rhyton above the drinker's head and catching the stream of liquid in the mouth rhyta (preferred.C.U.LC.English-P.D.L.PN) (Greek (transliterated)-P.D.U.PN) (Erench, D.L, PN) (Spanish, UE, L, PN) rhyton (C.U.English.AD.L.SN) (Spanish-P.AD.L.SN) (French.AD.U.SN) (Greek (transliterated).AD.U.St rhytons (C.U.English, UF.U.PN (Spanish, D.U.PN) (French-P.D.U.PN) rhea (vessels) (C.U.English,UF.U.N rheons (C.U.English.UF.U.N) rheon (C.U.English.UF.U.N) rytons (C.U.English.UE.U.U) Rhyton (C.U.English.AD.U.SN) (German-P.AD.SN) puróv (C.U.Ancient Greek, UE,U,U) rhūtón (C.U.Ancient Greek (transliterated), UE,U,U) 莱坦酒杯 (C,U,Chinese (traditional)-P.D.U.U) 角狀杯 (C.U.Chinese (traditional).UF.U.U)
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2 Hel

*Representative Images: 1 2 3 4 5 6

Record Type: concep

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Libraries & Linked Open Data

Library of Congress has renewed work in getting BIBFRAME ready to use by libraries and ILS vendors

The work is slow, still limited to improving the Work and Instance elements, and not yet a recommended environment for adoption

Pre-MARC Practice to link Getty Vocabs to MARC Headings

- Headings are uncontrolled
- Some libraries create local authorities for Getty vocabs
- Updates can only happen manually

In practice, this means libraries aren't linking their headings to Getty Vocabs in their ILS and are therefore not receiving preferred term corrections or other services available with vocabularies like LCNAF, LCSH, FAST, RVK, NML MeSH, etc.



Goals



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024	7	‡a 300417856 ‡0 http://vocab.getty.edu/aat/300417856
035		‡a (CStmoGRI)aat300417856
075		‡a [Objects]
150		‡a rib weave
450		‡a ripsbinding ‡7 (dpeloe/dpsfa)nl
450		‡a rips ‡7 (dpeloe/dpsfa)nl
		‡i Woven fabrics with ribbed or corded effects in either t
680		faced rib weave has a fine warp covering a thicker weft.
		completely covers a thicker warp.
		‡i Algemene term voor geribbelde weefsels. Het gaat o
680		met twee varianten: kettingrips (ribben horizontaal) of in
		bedekt een ketting van dunne draden een inslag van di
		een inslag van dunne draden een ketting van dikkere dr

- 1. Transform AAT, ULAN, and TGN into MARC Authorities
- 2. Update VIAF and Ex Libris Knowledge Base
- Develop workflow for maitaining vocabularies as MARC

Process



Authority Types per Vocabulary



AAT

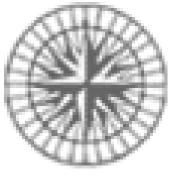
Getty

- Subject
- Genre/Form



ULAN

- Personal Name (both differentiated and undifferentiated)
- Corporate Name



TGN

• Geographic Name

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MARC Field	LDR	001	003	005	008
MARC Indicators					
MARC SubField					POSITIONS 00-05
AAT - JSON key	n/a - constant value for all AAT terms	identified_by.content IF identified_by.type = 'Identifier'	n/a - constant value for all AAT terms	dcterms.modified	dcterms.created
AAT - JSON value (example)		300033618		2021-08-09 8:34:4	19 1
	N	N	N	N	N
Does it need to be transformed? (y/n)	N	Y	N	N	Y
Describe Transformation		prefix with 'aat'		This is a date (yyyymmdd) that should represent the last time this record was updated.	Uses format YYMMDD for first 6 pos
Example MARCXML	<marc.leader> nz a nu#4500</marc.leader>	<marc:control field<br="">tag="001">aat300033618</marc:control>	<marc.controlfield tag="003">CStmoGRI</marc.controlfield 	<marc:controlfield tag="005">20210809</marc:controlfield 	<marc:controlfield tag="008">88010"</marc:controlfield>
Notes		Use 'aatgf as prefix for genre/form version of records		I could get date information from this page (not from JSON): <u>https://vocab.getty.edu/aat/300033618</u>	I could get date information from this JSON): https://vocab.getty.edu/aat/3
	-				

+ = AAT - TOPICAL - AAT - GENRE/FORM -



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Baum des Lebens (Motiv)		View	Select		550		e or style) ‡0 (CStmoGRI)aat300016000	
							re of the Akan-speaking peoples traditionally living in the savanna	
baume		View	Select				andama and N'zi rivers in central Côte d'Ivoire, West Africa. Since significant migration of the Baule to the southern, forested part of	
baume du Pérou		View	Select	.			of land more productive for coffee and cocoa planting. Baule art is	
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Progress



Thank you.

Sela Constan-Wahl Product Manager, Library & Archival Systems, Getty Digital

