...AND THE GETTY VOCABULARIES

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Getty Research Institute
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THE GETTY VOCABULARIES

Art & Architecture Thesaurus (AAT)

Getty Thesaurus of Geographic Names (TGN)

Union List of Artist Names (ULAN)

Cultural Objects Name Authority (CONA)
VOCABULARIES - ACCESS AND AVAILABILITY
HTTP://WWW.GETTY.EDU/RESEARCH/TOOLS/VOCABULARIES/INDEX.HTML

- Online resource tool
- Data files: XML, Relational Tables
- Mapped to standards (online crosswalk)
- Partnerships: VIAF, Gallery Systems, Europeana, etc.
- Institutional Partnerships (V&A, Avery, Getty, Oxford)
- AAT translation partnerships
Art & Architecture Thesaurus Now Available as Linked Open Data

James Cuno | February 20, 2014

First of the Getty Research Institute’s four vocabularies released today, with more planned over coming 18 months

We’re delighted to announce that today, the Getty has released the Art & Architecture Thesaurus (AAT)® as Linked Open Data. The data set is available for download at vocabls.getty.edu under an Open Data Commons Attribution-ShareAlike (ODC-IA) license.

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Forecast = clouds
THE GETTY VOCABULARIES: LOD BENEFITS

• Share a core data structure
• Unique IDs
• Links: Hierarchical, Equivalence, Associative
• Multilingual
• Current and historic terms
QUESTIONS, DECISIONS

- Issue: Use RDBMS or Triple Store?
- Issue: Retrieving attributes
- Issue: Server upgrade?
- Issue: Editorial changes
- Decision: Ontotext: an open-source solution
- Decision: SKOS and SKOS-XL
OUR PATH TO LOD...

EDITORIAL CHANGE
Controlled Lists

- Place Types
- Roles
- Nationalities
- Event Terms
- Event Places
- Cultural Style
- Work Type
- Repository
- Artist, Creator

http://vocab.getty.edu
<table>
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<tr>
<th>Code</th>
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<th>Te Percent</th>
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Place Types, Nationalities…
TGN, EDITORIAL CHANGES

- TGN live as LOD in August 2014
- 5-6 million more places names from NGA
- Issue: First Level Subdivision restructuring
- All primary political units (countries, dependencies)
Vietnam hierarchy, before 2014

• 30 provinces
• 20 out of date
• 10 current, with boundary changes

Vietnam hierarchy, after 2014

• 58 provinces
• 5 municipalities
• 10 pre-existing, new boundaries
• 20 former subdivisions
• All new coordinates for top level places
• All place names under proper subdivisions

Auto-Merge Process against NGA Data Load

• Match against coordinates, place types
Triple Extract Process

Vocabulary Coordination System (Oracle RDBMS) → R2RML + Perl → NT Files

OWLIM Triple Store → vocab.getty.edu/sparql → Internet

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TRIPLES (“schema-neutral”)

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```

subject  predicate  object

rhyta  -  [are] distinguished from  -  stirrup cups
EXTERNAL ONTOLOGIES

- **RDF, SKOS, SKOSXL** – (Resource Description Framework, Simple Knowledge Organization System, SKOS extension for labels)
- **Dublin Core** (dct: for terms, dc: for elements)
- **Bibliography Ontology** (bibo:)
- **Provenance Ontology** (prov:)
- **W3C World Geodetic System** (wgs:)

Also: ISO 25946, Friend of a Friend ontology, OWL (Web Ontology Language), among others.
The Getty Vocabularies

Welcome to the SPARQL endpoint vocab.getty.edu

The Getty Vocabularies: The AAT, TGN, ULAN, and CONV contain structured terminology for art and other material culture, archival materials, visual surrogates, and bibliographic materials. Complaint 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.

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 concepts related to art and architecture.

Ontology Update Note: There are changes to:

- GVP Semantic Representation: HTML (as it appears on the site)
- Sections: GVP URLs and Prefixes and Structure
- Comparative Sample Queries are included
- GVP ontology: HTML, RDF, RCVX, Turtle
- Data files: (ARtriple zip see doc section for instructions)
- AAT, ULAN (all diacritics stripped), TGN, CONV
- AAT full file (all entities), explicit zip file
- VODL: void/tid/see doc section Description
- AAT Relationship Types: Crossref by GVP
- General information about the Linked Open Vocabulary

Openness:

The data is released under Open Data Commons Attribution License. Attribution to GVP Attribution instructions for the current assertion of attribution is recommended. The preferred form of attribution for AAT is:

“[This list or report or article or database] contains information from Art & Architecture Thesaurus (AAT), respectively Thesaurus of Geographic Names (TGN), which is made available under the ODC Attribution License.”

Special care is necessary when providing the full attribution statement above is not technically feasible, the use of canonical AAT/ULAN is advisable to satisfy Section 4.6 of the ODC Attribution License.

Future Publications

- The Union List of Artist Names (ULAN)©
  - July 2015
- The Cultural Objects Name Authority (CONA)©
  - July 2015

Additional Links:

- The Getty Vocabularies
- The Getty Research Institute
- The Getty (Main)
SAMPLE QUERIES FROM SPARQL PAGE

- Subjects by Contributor
- Terms by Language Tag
- Places by Coordinate Bounding Box
- Places Nearby Each Other
- Overseas Possessions
- Descendants of a Given Parent
- Scientific Names Not in English or Latin
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Click the icon to view the hierarchy.

ID: 300198841

**rhýta** (drinking vessels, <vessels for serving and consuming food>, ... Furnishings and Equipment (Hierarchy Name))

**Note:** Refers to vessels from Ancient Greece, eastern Europe, or the Middle East that typically have 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 typically used as a drinking cup or for pouring wine into another vessel. Drinking was done by holding the rhýton above the drinker’s head and catching the stream of liquid in the mouth.

**Terms:**
- **rhýta** *(preferred)*, C,U,I,C,English-P,D,U,PN
  - (Greek (transliterated)-P,D,U,PN)
  - (Spanish,U,F,U,PN)
- **rhýton** (C,U,English,AD,U,SN)
  - (Greek (transliterated),AD,U,SN)
  - (Spanish,AD,U,SN)
- **rhýtons** (C,U,English,AD,U,SN)
- **rhýnta** (C,U,English,AD,U,SN)
  - (French-P,D,U,PN)
  - (Spanish-P,D,U,PN)
- **rhýnta** *(preferred)*, C,U,English,UF,U,N
  - (Greek,UF,U,N)
- **rhýnta** *(preferred)*, C,U,English,UF,U,N
http://www.getty.edu/research/tools/vocabularies/lod/index.html

Getty Vocabularies as Linked Open Data

The Getty vocabularies are constructed to allow their use in linked data. A project to publish AAT, TGN, ULAN, and CONA to the LOD (Linked Open Data) cloud is underway. The documents on this page contain news and presentations about releasing the Getty vocabularies as LOD. These materials are subject to frequent modification and addition.

- News and Status of the Project
- What Is LOD?
- Introduction to Getty Vocabularies as LOD (PDF, 3.8 MB, 46pp)
- Linked Open Data Flier (PDF, 1 MB, 1pp)
- List of External Advisors (PDF, 88KB, 7pp)

The AAT and TGN are now available as LOD. They are published under the ODC-By 1.0 license.
FUTURE PLANS

- ULAN as LOD, April 2015
- CONA demo, late 2015
- CONA to CIDOC-CRM mapping
- Continual updates, support for all versions of the Vocabs
- Future webpage with tools, open-source code
- Questions: Semantic Web Q&A forum
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<td>對陳澄波而言，畫山川作品的先決條件是誠實，他說：「景先研究，不言所畫場所的時代精神，當地的物象等，便傳意畫的要件。」淡江中學的景點曾為何老先生創作的對象，這所學校將本世紀初創立的，至今仍為文教機構的學校，但在上個世紀初創立的，最後學校為冠絕的景點。在1915年被日本佔領後，校舍遭到侵蝕破壞的淡江中學，日本人聲名的田園風情中，山風陣陣的歌曲此起彼落，水龍頭帶來不殺生，傾斜的景點屬於景點的外觀，田園的水鳥與風光的持觀脫離形的色彩對照，豔麗的天際點綴，令畫面別具生氣。畫中景物說出現在社會形態，然而景物中的抽象手法，景點出現錯誤動態與錯誤關係，與陳澄波、觀眾的注意力被引導至畫幅中物的關聯上，淡江中學的紅磚樓台與八角尖塔相迎，創造出畫中聯繫的獨特意味。</td>
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Sources:
陳澄波，《美術季刊·作家訪問記(十)》，《台灣新民報》1936.10.19。（現藏於 NATIONAL GALLERY OF ART, WASHINGTON D.C.）
林育民，《圖像中的日常景物》(台北：雄獅，2001)，頁164-165。
曹義如，《現代中國景物中的中華傳統》(台北：雄獅，1998)，頁118-119。
陳澄波，《跨越時空的中華傳統景物》(台北：雄獅，1998)，頁201-218。

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Europeana enriches its data with the Art and Architecture Thesaurus

9/8/14 5:09 PM
By Valentine Charles and Cécile Devarenne, Europeana Foundation

The Getty Research Institute announced last March the release of their Art and Architecture Thesaurus (AAT) as Linked Open Data. This release opened many opportunities for Europeana.

AAT has always been an important resource for Europeana's data providers, especially museums. However, until now Europeana was not in the position to exploit it: firstly because the vocabulary was not openly available, secondly because Europeana didn't have the technical means to exploit it.

The Implementation of the Europeana Data Model (EDM) was the first step towards the re-use of widespread vocabularies such as AAT. EDM embraces the principles of the Semantic Web and therefore can be seamlessly integrated with a network of vocabularies at a semantic level. EDM gives support for contextual resources — the so-called ‘semantic layer’, including concepts from ‘value vocabularies’ like thesauri, authority lists, classifications, either coming from the network of Europeana’s providers or from third-party data sources. Since EDM is
Index Plugin for Adobe Bridge

Greg Reser, UC San Diego

modern Japanese periods
modern British revival styles
Mid-Century Modernist
modern European revival styles
Modernist
Streamline Moderne

Note: Refers to the architectural, interior and product design style that generally describes mid-20th century trends from ca. 1933 to 1965. The term was first used in the book "Mid-Century Modern: Furniture of the 1950s" (1983) by Cara Greenberg. In architecture, the style is characterized by the International Style and Bauhaus movements, the work of Frank Lloyd Wright and Mies van der Rohe. In design, sleek Scandinavian style furniture and objects were influential.

ID: 300343610
Parents: <post-1945 architecture and design styles and movements>, <international post-1945
Drupal

Web taxonomy plugin

Athanasios Velius
Ligatus Research Centre
University of the Arts, London
Special Thanks: Murtha Baca, Joan Cobb, Gregg Garcia, Melissa Gill, Patricia Harpring