Getty Vocabularies:

The Basics

OVERVIEW: ABRIDGED VERSION

Patricia Harpring
Managing Editor
Getty Vocabulary Program

revised May 2020

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Table of Contents

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Abridged Overview of Getty Vocabularies

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

PREFACE

- **Publications and online resources:**
  - This presentation is a condensed introduction of the Getty vocabularies, AAT, TGN, ULAN, CONA, and IA

  - Editorial guidelines
  - Training materials
  - How to translate
  - Other materials

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www.getty.edu/research/publications/electronic_publications/intro_controlled_vocab/

PREFACE

▶ For basic information on vocabularies, see *Introduction to Controlled Vocabularies* (Harpring, Baca editor, revised 2013) and its bibliography

▶ Defines the characteristics, scope, and uses of controlled vocabularies for art and cultural materials, and explains how vocabularies should be integrated in cataloging systems and utilized for indexing and retrieval

▶ Available in hardcopy and online

▶ Translated in Portuguese in 2016

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www.getty.edu/research/publications/electronic_publications/cdwa/index.html
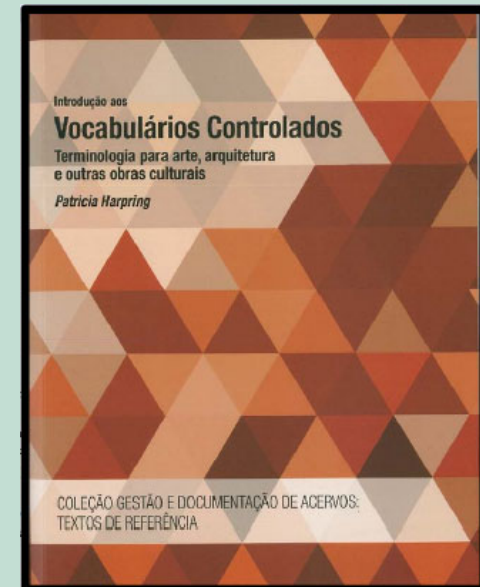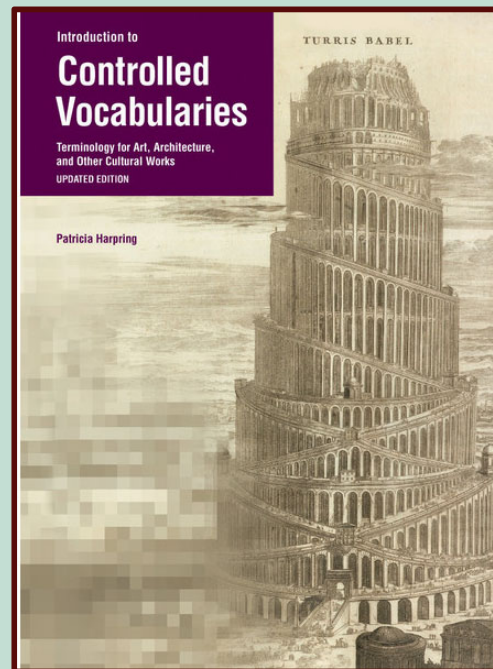
PREFACE

▶ For basic information on cataloging and standards for art information, see *Categories for the Description of Works of Art* (CDWA), and *Cataloging Cultural Objects* (CCO), a subset of the CDWA

▶ Guidelines and the set of required "core" fields, among over 500 total fields, were the result of consensus of participants representing diverse professional communities from several nations:

Art museums, art history community, archives, art libraries, special collections

▶ CDWA and CCO are complementary to the professional standards of their communities

▶ To inform use of other professional standards; maps to other standards

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Categories for the Description of Works of Art

Describe, catalogue, link works of art, architecture, and cultural heritage

Introduction
General Guidelines
Overview of Categories
Definitions of Categories
CDWA Lite
CDWA CATEGORIES: OBJECT, ARCHITECTURE, OR GROUP
Object/Work ♦
Classification ♦
Titles or Names ♦
Creation ♦
Styles/Periods/ Groups/ Movements
Measurements ♦
Materials and Techniques ♦
Inscriptions/

Definitions of Categories

OBJECT, ARCHITECTURE, OR GROUP

- 1. Object/Work **Core**
- 2. Classification **Core**
- 3. Titles or Names **Core**
- 4. Creation **Core**
- 5. Styles/Periods/Groups/Movements
- 6. Measurements
- 7. Materials and T
- 8. Inscriptions/Ma
- 9. State
- 10. Edition
- 11. Facture
- 12. Orientation/Arr
- 13. Physical Descri
- 14. Condition/Exam
- 15. Conservation/T
- 16. Subject Matter
- 17. Context
- 18. Descriptive Not
- 19. Critical Respon
- 20. Related Works
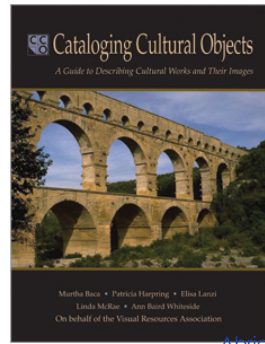
Cataloging Cultural Objects: A Guide to Describing Cultural Works and Their Images
Murtha Baca, Patricia Harpring, Elisa Lanzi, Linda McRae, Ann Baird Whiteside
Item Number: 978-0-8389-3564-4

Publisher: ALA Editions
Price: $103.00

Abridged Overview of Getty Vocabularies

What Are
Getty Vocabularies?

Discover, link, access, retrieve, research, catalogue, index

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Abridged Overview of Getty Vocabularies

Getty Vocabularies

Enabling digital art history

- **AAT**, the *Art & Architecture Thesaurus*® includes generic terms, relationships, sources, and notes for work types, roles, materials, styles, cultures, and techniques (e.g., *amphora, oil paint, olieverf, peintures à l'huile, acetolysis, 玉器, Jadekünste, sintering, orthographic drawings, Olmeca, Rinascimento, Buddhism, watercolors, asa-no-ha-toji*)
- **TGN**, the *Getty Thesaurus of Geographic Names*® includes names, relationships, and coordinates for current and historical cities, nations, empires, archaeological sites, lost settlements, and physical features; through LOD, TGN may be linked to GIS and maps (e.g., *Diospolis, Acalán, Ottoman Empire, Mogao, Ch'ien-fu-tung, Ganges River, गंगा नदी*)
- **ULAN**, the *Union List of Artist Names*® includes names, relationships, notes, sources, and biographical information for artists, architects, firms, studios, repositories, patrons, sitters, and other individuals and corporate bodies, both named and anonymous (e.g., *Mark Rothko, Cai Xiang, 葵襄, Crevole Master, Riza Abbasi, Altobelli & Molins, Rajaraja Museum*)
- **IA**, the *Getty Iconography Authority*™ includes proper names, relationships, and dates for iconographical narratives, religious or fictional characters, historical events, names of literary works and performing art (e.g., *Adoration of the Magi, Viaggio dei Re Magi, Flood of Deucalion, French Revolution, Olouaipipilele, Xibalba, Niflheim, शिव, Shiva, Bouddha couché*)
- **CONA**, the *Cultural Objects Name Authority*® includes titles, artist attribution, creation dates, relationships, and location for works of art, architecture, and other cultural works, whether extant or destroyed (e.g., *The Lacemaker, La Dentellière, Merlettaia, Lion Throne Room, 神奈川沖浪, Great Wave, Die große Welle, Chayasomesvara Temple, Hagia Sofia, Αγία Σοφία*)

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Abridged Overview of Getty Vocabularies
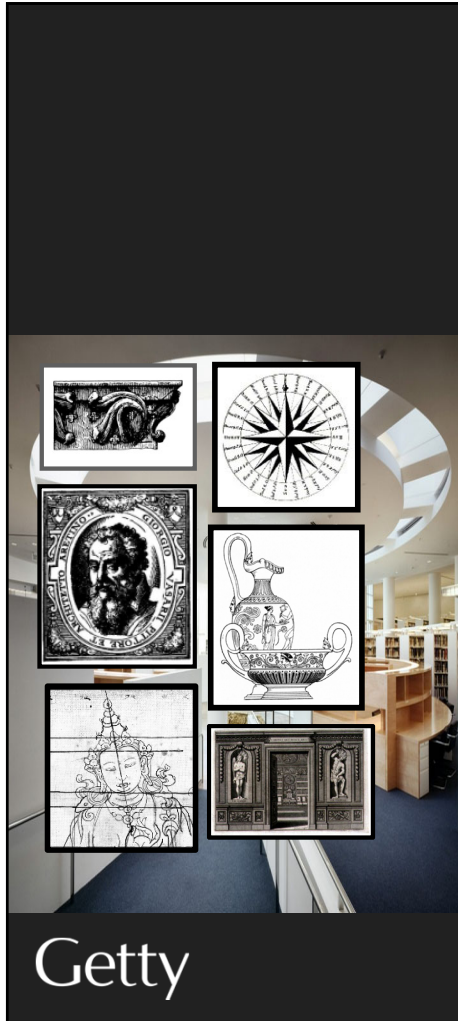
What Are Controlled Vocabularies?

- A controlled vocabulary is
  an organized arrangement of words and phrases

- Typically includes preferred and variant terms
- Has a defined scope or describes a specific domain

Purpose of Controlled Vocabularies

- To provide terminology to catalog, document, retrieve,
  categorize, and discover information
- To capture the richness of variant terms
- For some users, to promote consistency in assignment
  of terms
- In retrieval and discovery, to utilize variant terms
  and broader/narrower contexts as
  structured vocabularies
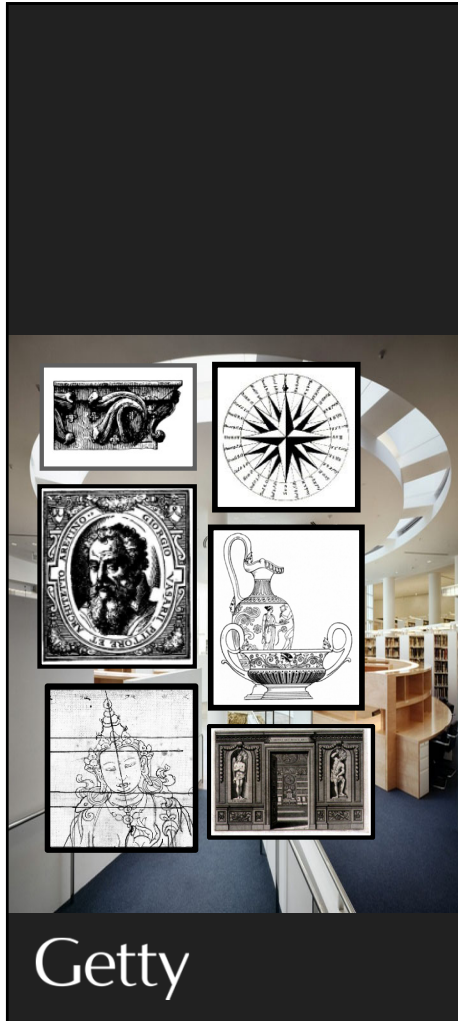
What Are the Getty Vocabularies?

- **Structured vocabularies**
- **Relationships**: Thesauri, 3 relationships: equivalence (synonyms), hierarchical (broader-narrower), associative (btwn records, not hierarchical)
- **Standards-compliant**: Comply with standards for controlled vocabularies (ISO, NISO)
- **Authoritative**: Vocabularies cite authoritative sources and contributors; but not authoritarian (may use variant terms)
- **Scope**: Getty Vocabularies strive to be ever more multilingual, multicultural, and inclusive → *contributions*
- **Audience**: Traditional audience (art and architecture domains: visual resources, catalogers, museums), plus scholars, and related disciplines (archaeology, conservation)
- **Collaborative**: Grow through contributions from expert user community: institutions, consortia, and projects

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Contributors to Vocabularies

Who are the contributors?
- Getty projects
- 300 institutions, consortia, research projects

How is the data generated?
- Contrib. may research and create original data for the purpose of contribution
  E.g., translations: Spanish, Dutch, Chinese, German, French, Croatian, Portuguese, Japanese

- Or may map data already collected in the course of their own work
  E.g., repositories and documentation projects, research projects
- Contributions = 10s of thousands per year

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Provenance Index   GRI Photo Archive   GCI
GRI Special Collections   GRI Library   JPGM

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Netherlands Institute for Art History (RKD)
Academia Sinica of Taiwan
Canadian Heritage Information Network
Avery Architectural & Fine Arts Library
Staatliche Museen zu Berlin Preussischer Kulturbesit
Ctro. de Documentación de Bienes Patrimoniales, Santiago
Istituto Centrale per il Catalogo e la Documentazione, Rome

National documentation agencies, consortia

Courtauld Institute
Canadian Centre for Architecture (CCA)
Frick Art Reference Library
Indiana University Digital Collections
Harry Ransom Center, University of Texas at Austin
Bunting Visual Resources Library, U. of New Mexico

Image collections, libraries

Pinacoteca do Estado de São Paulo
Rijksmuseum in Amsterdam
Mystic Seaport Museum in Connecticut
Smithsonian National Museum of African Art

Art repositories

Grove Art online

Publishers

Florentine Codex Initiative (GRI)
Traditional Chinese Architecture (Vanderbilt, SEU)

Research projects

Abridged Overview of Getty Vocabularies

Getty Vocabularies Used in an Object Record

Catalog Level: item   **Classification:** paintings
Work Type:
 painting (visual work) [AAT 300033618]
 scroll (information artifact) [AAT 300028629]

Title: Scene of Early Spring **Type:** repository **Lang.:** English
Title: 宋郭熙早春圖　軸 **Type:** repository **Lang.:** Chinese

Creator Display: Guo Xi, Song Dynasty
  Index: Guo Xi (Chinese painter, 1023 - ca.1085 CE) **[ULAN 500125758]**
    Role: artist
Creation Date: 1072 CE; fifth year of Xining, first era of the Shenzong
Emperor, Northern Song Dynasty
  Index: Start Date: 1072 **End Date:** 1072
Materials Display: painted scroll
  Index: color (pigment) [AAT 300264870]
  Index: ink [AAT 300015012]
  Index: silk (silkworm material) [AAT 300014072]
  Index: paper (fiber product) [AAT 300014109]

http://vocab.getty.edu/page/cona/700002851
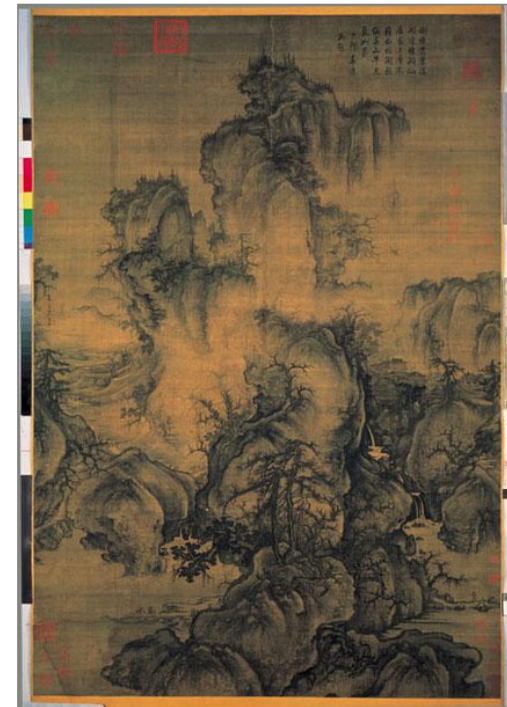
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[continued]   **Getty Vocabularies Used in an Object Record**

Dimensions: 158.3 x 108.1 cm
   Index: Value: 158.3 **Unit:** cm **Type:** height
   Index: Value: 108.1 **Unit:** cm **Type:** width   **[TGN 1000959]**
Location: National Palace Museum (Taipei, Taibei, Taiwan)
   [ULAN 500309392]   **Type:** current
Repository No.: Meta Data identification: 000053N000000000
Credit Line: National Palace Museum
Inscription: On the right side, the painter wrote: "Early Spring. Painted by Guo Xi in the year of Ren-Zi (49th year of the Chinese sexagenary cycle, referring to 1072 AD)."; 畫幅右側畫家自題：「早春。壬子（1072）年郭熙畫。」顧名思義，這幅畫作是在描寫瑞雪消融，雲煙變幻，大地復甦，草木發枝，一片欣欣向榮的早春景象
General Subject: landscapes
Specific Subjects: Renewal of Life [IA 901002238]
   spring (season) [AAT 300133097] | shan shui [AAT 300387301]
   trees [AAT 300132410] | streams [AAT 300008699]
   Pinus (genus) [AAT 300343658] | travel [AAT 300080094]
   floating perspective [AAT 300438516] Extent: design element
Descriptive Note: "Early Spring" is here conceived of as a mist and forest filled mountain. The brushwork registers infinite variations of pressure and ink: the silhouette of the rocks and boulders are delineated with a heavy touch, the fog-washed trees with a light one….
Sources: National Palace Museum database (2008-); Yangqiu, Viewing Metaphor: Work of Early Spring (2010)

http://vocab.getty.edu/page/cona/700002851

Abridged Overview of Getty Vocabularies

Getty Vocabularies' relationships

- Diagram illustrates how the Getty Vocabularies contain rich relationships

- Linked to each other

- Linked to other resources, through LOD

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{ "Subject": { "type": "uri", "value": "http://vocab.getty.edu/aat/300198841" }, "Predicate": { "type": "uri", "value": "http://www.w3.org/2000/01/rdf-schema#label" }, "Object": { "type": "literal", "value": "http://vocab.getty.edu/aat/300198841" }, "xml:lang": "el-latn", "type": "Type": }, "Object": { "type": "uri", "value": "http://www.w3.org/2000/01/rdf-schema#label" }, "Object": { "type": "uri", "value": "Predicate": { "type": "uri", "value": }, "xml:lang": "en", "type": "literal", "value": "Predicate": { "type": "uri", "value": "http://vocab.getty.edu/aat/300198841" }, "Subject": { "type": "uri", "value": "http://vocab.getty.edu/aat/300198841" }, "Predicate": { "type": "uri", "value": "http://www.w3.org/2000/01/rdf-schema#label" }, "Object": { "xml:lang": "es", "type": "literal", "value": "Predicate": { "type": "uri", "value": "http://vocab.getty.edu/aat/300198841" }, "http://www.w3.org/2000/01/rdf-schema#label" }, "Object": { "xml:lang": "en", "type": "literal", "value": "myron" } }, { "Subject": { "type": "uri", }

amfoor
amphorae
arc-boutant
brittleness
Buddhism
calligraphy
emulsifier
façades
flying buttress
飛扶壁
lithographer
litógrafos
luchtbogen
orthogonal plan
Macedonian
millwork
Rinascimento
ῥυτόν
stupa
Sturzbecher
travertine
weft wrapping
yastiks
zeppelin
Zigula
zinc oxide

AAT, the Art & Architecture Thesaurus®

The AAT is a thesaurus containing generic terms, dates, relationships, sources, and notes for work types, roles, materials, styles, cultures, techniques, and other concepts related to art, architecture, conservation, other cultural heritage

- Generic terms, not proper names
  oil paint, olieverf, acetolysis, sintering, orthographic drawings, Olmeca, Rinascimento, Buddhism, watercolors, asa-no-ha-toji, sralais
- AAT is multilingual; large translation projects are underway
- Conceptually organized from terms to describe abstract concepts to generic terms for concrete, physical artifacts
- Facets are the upper levels of the AAT structure
- AAT is not organized by subject matter or discipline

Associated Concepts	*Physical Attributes*	*Styles and Periods*	*Agents*	*Activities*	*Materials*	*Objects*	*Brand Names*

Abridged Overview of Getty Vocabularies

AAT, the Art & Architecture Thesaurus®

Sample record

ID: 300132869

Terms:
bobbin lace (pref, en)
bone lace (en)
cushion lace (en)
梭心蕾絲 (zh)
線軸編織花邊 (zh)
kloskant (nl)
dentelle aux fuseaux (fr)
encaje de bolillos (es)
encaje de bolillo (es)
Klöppelspitze (de)
Klöppelspitzen (de)

Associative Relationships
requires ... lace pillows (<textile
    fabricating tools and
    equipment>...Objects Facet)
    [300132869]

Hierarchical Relationships (poly)
.Objects Facet
... Visual & Verbal Communication
..... Visual Works
.... visual works (works)
.... <visual works by material >
.... needlework (visual works)
.... lace (needlework)
.... bobbin lace

Note: With "needle lace," one of two
primary types of handmade lace. It is
characterized by being made by ...

Chinese (traditional) ..... 與「針織蕾絲
    （needle lace）」同為主要的手工蕾絲,
    其特色是以纏繞於線軸或梭心...

Dutch ..... Een van de twee belangrijkste
soorten met de hand vervaardigde kant;
'naaldkant' is ...

German ..... Zusammen mit der
"Nadelspitze" eine der wichtigsten...

Spanish ..... Junto a "encaje a aguja",
uno de los dos tipos principales de …

Contributors: VP,CHIN,AS,RKD,IfM-SMB-PK,CDPB-DIBAM
Sources: Earnshaw, Clabburn, Needleworker's Dictionary (1976); Identification
of Lace, 2d ed. (1984); Ginsburg, Illustrated History of Textiles (1991)

Abridged Overview of Getty Vocabularies

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Contributors are cited

AAT records are merged information from multiple contributors

Getty Vocabularies grow through contributions from the expert user community

All information in a Getty Vocabulary record is attributed to a contributor and cites the published sources

bobbin lace (**preferred**,C,U,LC,English-P,D,U,Pl
bone lace (C,U,English,UF,U,N)
cushion lace (C,U,English,UF,U,N)
lace, bobbin (C,U,English,UF,U,N)
pillow lace (C,U,English,UF,U,N)
梭心蕾絲 (C,U,Chinese (traditional)-P,D,U,U)
線軸編織花邊 (C,U,Chinese (traditional),UF,U,U)
骨架花邊 (C,U,Chinese (traditional),UF,U,U)
枕墊花邊 (C,U,Chinese (traditional),UF,U,U)
suō xīn lěi sī (C,U,Chinese (transliterated Hanyu
suo xin lei si (C,U,Chinese (transliterated Pinyin
so hsin lei ssu (C,U,Chinese (transliterated Wad
kloskant (C,U,Dutch-P,D,U,U)
dentelle aux fuseaux (C,U,French-P,D,U,PN)
merletto a tombolo (C,U,Italian-P,D,U,PN)
encaje de bolillos (C,U,Spanish-P,D,U,PN)
encaje de bolillo (C,U,Spanish,AD,U,SN)
Klöppelspitze (C,U,German,AD,U,SN)
Klöppelspitzen (C,U,German-P,D,U,PN)

- **Getty Conservation Institute** (Los Angeles, California)
- **Academia Sinica** (Nankang, Taiwan)
- **Netherlands Institute for Art History** (RKD: Bureau AAT) (The Hague, The Netherlands)
- **Centro de Documentación de Bienes Patrimoniales** (Dirección de Bibliotecas, Archivos y Museos) (Santiago, Chile)
- **Staatliche Museen zu Berlin Preussischer Kulturbesitz** (Berlin, Germany)
- *[Canadian Heritage Information Network (CHIN) (Gatineau, Quebec, Canada), Istituto Centrale per il Catalogo e la Documentazione (Rome, Italy)(ICCD)] and other contributors of partial translations; future translations in French, Italian, Portuguese, other languages*

Abridged Overview of Getty Vocabularies

Thesaural structure

- Sub-facets (called "hierarchies") establish the context of the term
- Guide terms in angled brackets

Top of the AAT hierarchies
.... Objects Facet
.... Visual and Verbal Communication (hierarchy name)
.... Visual Works (hierarchy name)
.... visual works (works)
.... <visual works by material or technique>
.... photographs
.... <photographs by form>
.... <photographs by form: format>
.... card photographs (photographs)
.... boudoir midget mounts
.... boudoir photographs
.... cabinet photographs
.... cartes-de-visite (card photographs)
.... imperial photographs
.... panel photographs
.... promenade photographs
.... victoria cards (photographs)
.... gem photographs
.... lantern slides

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Work type: carte-de-visite

CONA
Titles:
Author:
Creation Date: 1890
Descrip   ed 105 mm. x 63 mm. Positive Process:
Albume   on verso, stating he is the successor to
O. Sch   o on verso.
Work
Genera
   Key
   Form
   Still
   Cov
   Cai
   ID/
   200
   Is Po
   Ken   ction
   See
   Coll
   Use
   Digi   be suitable for most purposes.
   Pers
   http

P. CALAMITA

Thesaural structure

- Indexers may choose the term that best describes the work
- The concept and each term are identified by unique numeric IDs
- e.g., singular for a single item, language
- Some systems or local cataloging rules do not allow linking at the term level

Work type: carte-de-visite

AAT subject_id 300127141

cartes-de-visite (card photographs) (**preferred**,C,U,English,P,D,U,PN)
      (fotografische kaarten) (Dutch-P,D,U,PN)
      (photographies) (French-P,D,U,PN)
carte-de-visite (card photograph) (C,U,English,AD,U,SN)
      (Dutch,AD,U,U)
cartes de visite (card photographs) (C,U,English,UF,U,N)
card photographs (cartes-de-visite) (C,U,English,UF,U,N)
carte-de-visite photographs (C,U,LC,English,UF,U,N)
cartes de visite photographs (C,U,English,UF,U,N)
sure cards (C,U,English,UF,U,N)
Visitenkartenporträts (fotografische Abzüge) (C,U,German...)
Visitenkartenporträt (fotografischer Abzug) (C,U,German...)
tarjetas de visita (obra visual) (C,U,Spanish-P,D,U,PN)
tarjeta de visita (obra visual) (C,U,Spanish,AD,U,SN)

term_id 1000127141
term_id 1000299275
term_id 1000271610
term_id 1000271607
term_id 1000271609
term_id 1000271613
term_id 1000606079
term_id 1000606080
term_id 1000438273
term_id 1000438274

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Abridged Overview of Getty Vocabularies

Achilles Painter
Abasi, Riza
رضا عباسی
An Qi
安岐
Bartolo di Fredi
Galleria degli Uffizi
Gilbert & George
Katsushika Hokusai
Kicking Bear
Master of Boí
Méraud, Pierre-Antoine, père
Ngapatari, Hakaraia
O'Keeffe, Georgia
Pei, I. M.
Rothko, Mark
Sa'īd, Mahmūd
Skidmore, Owings & Merrill
unknown Mende
Vikramaditya I
Wren, Christopher
Zeuxiades
Ζευξιάδης

ULAN, the Union List of Artist Names®

ULAN contains names, relationships, notes, sources, and biographical information for artists, architects, firms, studios, repositories, patrons, sitters, and other individuals and corporate bodies, both named and anonymous

- Named people and corporate bodies
  Bartolo di Fredi, Xueshi Bai, 白雪石, National Palace Museum (Taipei)
- Anonymous creators known by appellation: *Santa Eufemia Master*
- Scope also includes "Non-Artists" (e.g., sitters and patrons)
- "Unknown People by Culture" (e.g., *unknown Aztec*)
- "Unidentified Named People" (e.g., known from archival documents)

- ULAN includes current and historical associative relationships
  (e.g., students to teachers; firm and studios to members)
- Contributions to ULAN are from experts at authorized institutions (e.g., museums, special collections, art libraries, cataloging projects, bibliographic projects, etc.)

Abridged Overview of Getty Vocabularies

ULAN, the Union List of Artist Names®

Sample record

ID: 500060426

Names:

Hokusai, Katsushika (pref,en,ja-trans,de)
Katsushika Hokusai (en,ja-trans)
Hokusai (en,ja-trans)
葛飾 北斎 (ja)
Shunrō (en,ja-trans)
Tawaraya Sōri (en,ja-trans)
Kakō (en,ja-trans)
Tatsumasa (en,ja-trans)
Gakyōjin (en,ja-trans)
Taito (en,ja-trans)
Iichi (en,ja-trans)
Manji (en,ja-trans)
Tokitarō (en,ja-trans)
時太郎 (ja)
葛飾北濟 (ja)

Nationalities:
Japanese (pref)

AAT

Roles:
artist
printmaker
painter
designer
calligrapher
draftsman
landscapist
marine artist
figure artist
ukiyo-e artist

Gender: male

Birth and Death Places:
Born: Tokyo (Kanto, Japan)) (inhab place)
Died: Tokyo (Kanto, Japan)) (inhab place)

AAT   **TGN**

Events:
active: Tokyo (Kanto, Japan)) (inhab place)
.... in Edo, modern-day Tokyo

Associative Relationships:
teacher of Taito, Katsushika, II
..............(Japanese printmaker, active ca. 1820-1850)
child of Nakajima Ise
.............(Japanese mirror maker, 18th century)
possibly identified with ... Tōshūsai Sharaku
.... (Japanese printmaker, active 1794-1795)

Contributors:
VP,Avery,GRL,BHA,CCA
Sources: Bowie, Drawings of Hokusai (1964);
Grove Dictionary of Art online (1999-2002); Library
of Congress Authorities database (n.d.);
Metropolitan Museum of Art [online] (2003-);
Bouquillard, Hokusai: First Manga Master (2007)

Abridged Overview of Getty Vocabularies

Getty

Abthugni
Angel Falls
Athínai
Αθήναι
Bhārat
Býčí Skála
Bora-Bora
Casablanca
Chichén Itzá
Cueva Cerro Sota
Donner Pass
Dos Cabezas Site
Firenze
Fort Rouillé
Gdansk
Genna Bogai, Arcu
Святой Престол
Jabal Mayyah
Kush
Luxor
מישְׂרָאֵל
Mare Cantabricum
Nan Madol Ruins
Rapa Nui
臺北
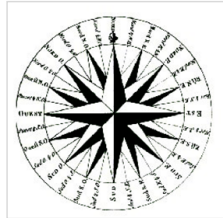
TGN, the Getty Thesaurus of Geographic Names®

TGN focuses on places relevant to art, architecture, and related disciplines, recording names, relationships, place types, dates, notes, and coordinates for current and historical cities, nations, empires, archaeological sites, lost settlements, and physical features

- Places relevant to art history
  Thebes, Diospolis, Ottoman Empire, Mogao Caves, Ch'ien-fu-tung, Ganges

- TGN is a structured vocabulary
- TGN is a thesaurus compliant with ISO standards

- Focus on historical regions, archaeological sites, lost settlements, built upon a skeleton of the modern world from NGA/NIMA and USGS data sets

- TGN is not GIS, is a thesaurus focused on names and links. Why invent the wheel over again? Many sources of geographic data exist. However, TGN may be linked to GIS, maps, and other geographic resources

Abridged Overview of Getty Vocabularies

TGN, the Getty Thesaurus of Geographic Names®

Sample record   Linked to other vocabularies

ID: 7011179

Names:
Siena (it,en,es,fr,nl,de)
Σιένα (el)
Siyenah
锡耶纳 (zh)
シエーナ (ja)
Sienese (en-adj)
Sienna (h-en)
Sena Julia (h-la)
Sanna (h)
Saena (h)

Hierarchical Rels. (polyhier.)
World (facet)
.. Europe (continent)
... Italy (nation)
.... Tuscany (region)
...... Siena (province)
.... Siena (inhabited place)

World (facet)
.. Europe (continent)
... Italian Peninsula (peninsula)
..... Etruria (former confederation)
.... Siena (inhabited place)
        Historical: Late Etruscan

Associative Rels
ally of Pisa ..(inhabited place) [7006082]
    Ghibelline allies, 13th-14th centuries

Place Types
inhabited place   settled by Etruscans
    (flourished by 6th century BCE)
city
archiepiscopal see   **AAT**
commune (administrative) since 1125
cultural center
university center
world heritage site

Lat: 43 19 07 N (43.3180)
Long: 011 19 50 E (11.3300)
Elevation: 1056.430 feet (322.0000 meters)

Note: Siena was founded as an Etruscan hill town; later was the Roman city of Sena Julia (3rd century BCE). It flourished under the Lombard kings (6th century CE) and was Medieval self-governing commune ...

Contributors: BHA, FDA, GRLPSC, VP
Sources: Annuario Generale (1980); Canby, Historic Places (2007) 2/861; Dizionario Corografico Toscana (1977) 1508; Library of Congress Subject Headings (2002-); Milanesi, Storia dell'Arte Senese (1969) passim; NGA/NIMA database (2003-) -129709; TCI: Toscana (1984) 479 ff; Times Atlas of the World (1992) 183; UNESCO World Heritage Centre [online] (1992-) accessed 20 July 2010; Webster's Geographical Dictionary (2007) 1114

Abridged Overview of Getty Vocabularies

Getty

Adorazione dei Magi
Apedemak
Baby Jaguar
Death and the Miser
Ehecatl
Ganesh
Hades
Hercules
Herakles
Mithras
Niflheim
Noli me tangere
Olouaipipilele
Prajnaparamita
Penance of Indra
Reclining Buddha
Bouddha couché
涅槃仏
Storming the Bastille
The Divine Comedy
Tumatauenga
Virgin Hodegetria
World War I
Xibalba

IA, the Getty Iconography Authority ™

IA is a thesaurus that covers topics relevant to art, architecture, and related disciplines; includes multilingual proper names, relationships, and dates for iconographical narratives, religious or fictional characters, themes, historical events, and named literary works and performing arts

- Includes the proper names of subjects not covered by other Getty Vocabularies
- Scope is multicultural and multilingual, grows through contributions
- Includes links to other sources where there is overlap, such as Iconclass and US Library of Congress subject authorities
- The IA is compliant with the Subject Authority of CDWA and CCO (*Categories for the description of Works of Art* and *Cataloging Cultural Objects*)
- The IA has a thesaural structure; it includes equivalence, associative, and hierarchical relationships
- The IA is linked to the other Getty Vocabularies

Abridged Overview of Getty Vocabularies
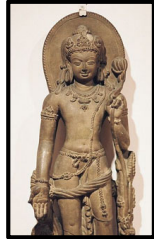
IA, the Getty Iconography Authority ™

Sample record

Names in multiple languages

Users may choose the name appropriate for their needs

ID: 1000085

Names:
Avalokiteshvara
Avalokiteśvara
अवलोकितेश्वर
སྤྱན་རས་གཟིགས་
Spyan ras gzigs

AAT links
role/characteristic is ... bodhisattva
symbolic attribute is ... lotus
culture/religion is ... Mahayana (Buddhism)
culture/religion is ... Theravada (Buddhism)

**AAT
TGN
ULAN
CONA**

Associative Relationships
associated with .... Krishna (Hindu iconography)
counterpart is …. Guanyin (Buddhist iconography)

Note The bodhisattva of infinite compassion and mercy; embodies the compassion of all Buddhas. This bodhisattva is portrayed in different cultures as either female or male…

Hierarchical Relationships
Top of the IA hierarchies
  Legend, Religion, Mythology
    Buddhist iconography
      Buddhist characters
        Avalokiteshvara (Buddhist iconography)

Contributors & sources
[VP] Encyclopedia Britannica Online (2002-); Bowker, Oxford Dictionary of World Religions (1997); Huntington, Art of Ancient India (1985); *LC:* LC control no.: sh 85010492

Getty

Abridged Overview of Getty Vocabularies

Bhimesvara Temple
Bradshaw rock
    paintings
Case Study House 21
Château de Versailles
Empire State Building
En liberté comme toi
Himeji Castle
姫路城
Irises
Kashmir Gate
Mona Lisa
La Gioconda
Model for the Façade
    of San Lorenzo
MS Ludwig XV
Pantheon
Portrait of Napoleon
Ronda di notte
Square Ting Vessel
    of Duke Kang
西周早期 康侯方鼎
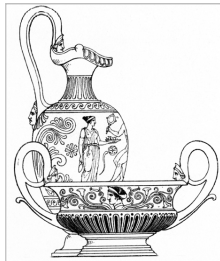
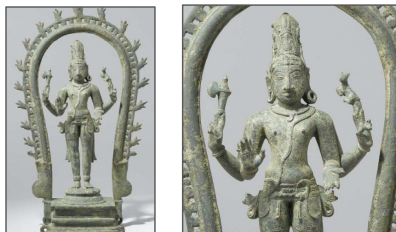# CONA, the Cultural Objects Name Authority®

CONA compiles titles/names and other metadata for works of art, architecture, and other cultural works, current and historical, documented as items or in groups, whether works are extant, destroyed, or never built

- In development, may be used to record works depicted in visual surrogates and for other purposes

- CONA compiles titles, attributions, depicted subjects, and other metadata about works of art, architecture, and cultural heritage, both extant and historical works, works never built, disassembled works, conceptual works for multiples
  Hagia Sophia, Mona Lisa, Thirty-six Views of Mount Fuji, 富嶽三十六景

- Scope is multicultural and multilingual; grows through contributions
- CONA is linked to images; CONA is linked to the AAT, TGN, ULAN, and IA
- Through this rich metadata and links, CONA may provide a powerful conduit for research and discovery for digital art history

The Simplified entity-relationship diagram for CONA
is the same as CDWA / CCO

Getty

Abridged Overview of Getty Vocabularies
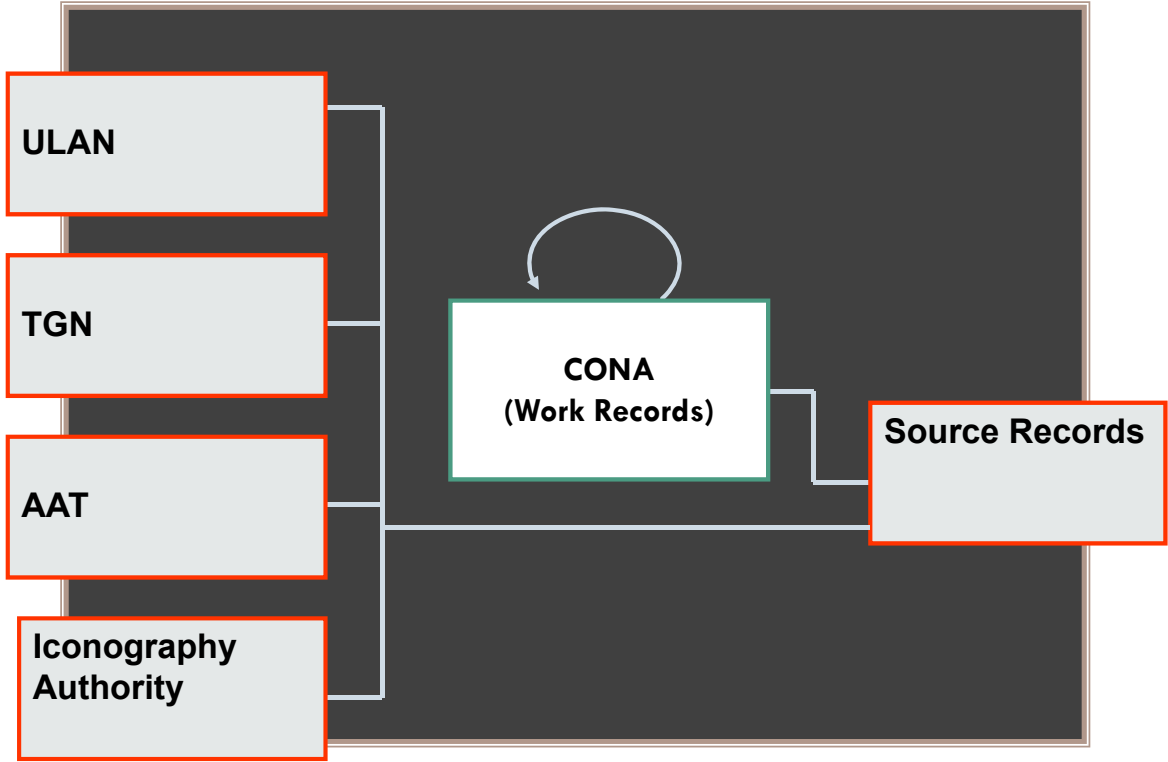
CONA, the Cultural Objects Name Authority®

Sample record

ID: 700001950

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

Catalog Level: item

Work Types:
sculpture (visual work)   AAT

Classifications:
sculpture (preferred)

Creation Date: 1000/1200

Creator Display:
anoniem
sculptor: unknown Chola   ULAN

Locations: ULAN   TGN
Current: Rijksmuseum (Amsterdam, North Holland, Netherlands) AK-MAK-1291; RM001.collect.910; Bruikleen van de Vereniging van Vrienden der Aziatische Kunst
Creation: Tamil Nādu (India)

Materials: bronze founding   AAT
Dimensions: 40 cm (height) x 24cm (width) x 10.5 (depth)
Events: exhibition: Metamorfoze/Geheugenproject Willem Witsen   AAT

Cultures:
Indian   Chola   AAT

General Subject: AAT   TGN   ULAN   CONA   CONA IA
human figure(s) (preferred)
religion and mythology

Specific Subjects:
Shivá (Hindu iconography)
mudrā (pose, <visual and representational concepts>)
[link to Iconclass]

Contributors & Sources: [Rijksmuseum;VP]; Rijksmuseum XML file

Abridged Overview of Getty Vocabularies

Getty

CONA, the Cultural Objects Name Authority®

Sample record

ID: 700000141

Titles/Names:
Hagia Sophia (en,de,nl)
Ayasofya (tr)
Αγία Σοφία (el)
Agia Sofia
Haghia Sophia
Sainte-Sophie (fr)
Santa Sofía (es)
Santa Sofia (it)
Sancta Sophia (la)
Sancta Sapientia (la)
Holy Wisdom (en)
Saint Sophia (en)
聖蘇菲亞大教堂 (zh)

Work Types: church; mosque; museum **AAT**

Date: original structure dated from 4th century CE; present structure built 532-537 CE; rebuilt in 12th century

Creators: Anthemios of Tralles (Byzantine architect, ca. 474-ca. 534) and Isidoros of Meletus, the Elder (Byzantine architect, active mid-6th century); **ULAN**
Patron: Justinian I (Byzantine emperor, ca. 482-565)

Built Work
... Hagia Sophia
Associative Relationship
depicted in *View of the Hagia Sophia in Constantinople*; Eduard Hildebrandt; watercolor; ca. 1852; Hermitage Museum (Saint Petersburg, Russia) [700008345]

Location: İstanbul (Marmara, Turkey) **TGN**
Address Note: 41.008548°N; 28.979938°E

Materials: system bearing masonry, **AAT** centralized plan; interior surfaces are sheathed with polychrome marble, porphyry, and mosaics
Dimensions: central dome: diameter 31 m (102 feet); height 56 m (184 feet)

General Subject: architecture **AAT TGN ULAN CONA CONA IA**
Specific Subject: Holy Wisdom Religion/Mythology)

Note: Domed basilica was con... by the Emperor Justinian; built in Constantinople in 6th century...

Contributors: Avery, BHA, FDA, VP
Sources: Fleming, Penguin Dictionary of Architecture (1999); Herrin, Judith, Byzantium (2007); Maidstone, Hagia Sophia (2002); Theoharidou, Architecture of Hagia Sophia (1988); Xydis, Chancel Barrier of Hagia Sophia (1947)

Abridged Overview of Getty Vocabularies

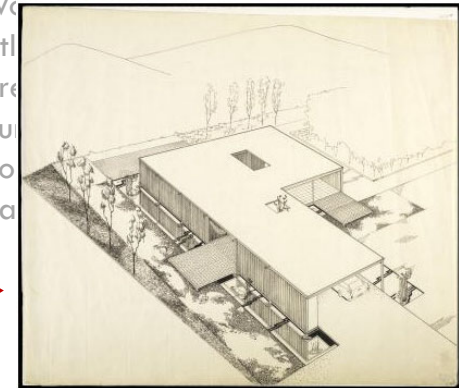# Movable works linked to architecture depicted

CONA ID 700000090   Class. architecture
Work Type: house
Title: Case Study House No. 21
Title: Bailey House Title: CSH #21
Creator: architect: Pierre Koenig
Creation Date: 1956-1958; renovated 1998
Dimensions: 1 story, 1320 square feet, 4 rooms
and 2 baths, on a 110 x 160 foot lot
Mat & Tech: steel frame and flat roof deck
Current Location: Los Angeles (California, USA)
Address Note: 34.116634 -118.391623; 038
Wonderland Park Avenue, Hollywood Hills, Los
Angeles, 90046

LINKS

preparatory for

based on

depicts

depicted in

CONA ID 700000120

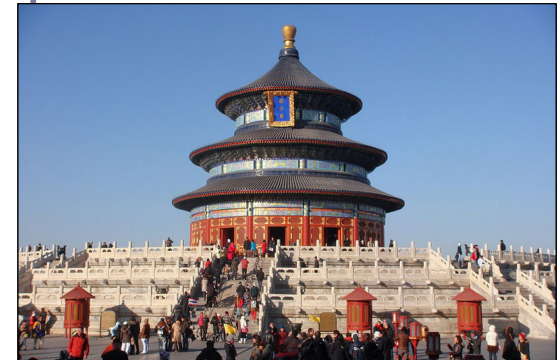CONA ID 700008539 Work Type:

Abridged Overview of Getty Vocabularies

Getty

Possible implementations of CONA

Works linked to outside resources

Merging information from multiple contributors

- CONA ID uniquely identifies the work in CONA
- Links to other IDs, such as LOC, VIAF, BWR

CONA ID: 700002923
Catalog Level item **Classification** architecture
Work Type building complex | temple
Title/Name Temple of Heaven (en)
 Tian Tan (zh-tr) | T'ien-t'an (zh-tr) | 天坛 (zh)
 | 天壇 (zh) | 천단 (ko)
Creator [display] first built by Ming Chengzu (1360-1424);
extended by Ming Shizong (1507-1567); renovated by Qianlong
(1711-1799)
Creation Date [display]: 1530, during Ming dynasty
General Subject architecture **Type:** isness
Specific Earth [TGN 7030638] **Extent:** dedication
Current Location Beijing (Beijing Shi (municipality), China)
(nation) **Address Note**: 39°57′05″N 116°24′36″E
Dimensions [display] entire complex: 237 hecatres
Mat & Tech [display] wood and stone [wood AAT 300011914 |
stone AAT 300011176]
Style: Chinese [AAT 300018322] | Taoist [AAT 30014366]
Contributors JPGM VP GRISC BWR
Sources Built Works Registry **BWR3792244**; Library of Congress
Authorities online (2002-) **n2011019454**; Fodor's Travel (2016); J.
Paul Getty Museum, collections online (2000-); Great Buildings
Online (1997-)

LINKS

Abridged Overview of Getty Vocabularies

Getty

Possible implementations of CONA

Multiple opinions are accommodated

- Opinions vary, all may be included in the CONA record

CONA ID: 700000178
Catalog Level item
Classification paintings
Work Type panel painting | altarpiece
Title Adoration of the Magi
  Adorazione dei Magi **(repository title)**
Creator Bartolo di Fredi (Sienese painter, active by 1353, died 1410)
Creation Date [display]
1380s/1390s; some scholars date it ca. 1400 or later

execution   Start Date **1380** End Date **1399**
alternative date Start Date **1395** End Date **1409**
General Subject religion and mythology | human figures
Specific | Adoration of the Magi **Extent:** foreground |
Siena | horses | Holy Family | gold | frankincense | myrrh |
Journey of the Magi **Extent:** background | king | deity |
death | Epiphany | Three Ages of Man
Current Location Pinacoteca Nazionale di Siena (Siena, Italy);
Repository No no. 104
Dimensions 195 x 158 cm (76 x 61 5/8 inches)
Mat & Tech tempera on panel
Contributors BHA VP CD PNS GRI-PA

LINKS

Sources Pinacoteca Nazionale di Siena (2002-); Boucher and Fiorini, Magi Reconstructed (2012); Cole, Sienese Painting (1985); Freuler, Bartolo di Fredi (1994); Harpring, Bartolo di Fredi (1992)

Abridged Overview of Getty Vocabularies

Possible implementations of CONA

LINKS

IA ID **1000045**
Names
• Xibalba
• Place of Fear

AAT ID **300191778**
Terms
• skeleton [English]
• beendergestel [Dutch]
• esqueleto [Spanish]
• squelette [Italian]
• 骨架 [Chinese]

Getty

Works linked to subjects depicted
Value added: Contributions to CONA may be indexed for subject depicted access

OCLC survey, of core fields missing is subject depicted
Mining titles and text for subjects depicted, missing from museum data
Controlled by AAT, ULAN, TGN, CONA, and IA

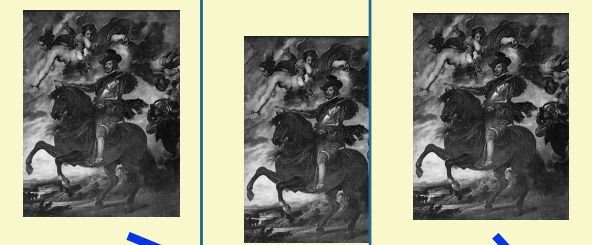**CONA ID 70000012** Class: Pre-Colombian art

General Subject:
• religion and mythology [General Subject ID 31801]

Specific Subjects:
• Xibalba (Maya underworld) [IA 1000045]
• Baby Jaguar (Maya character) [IA 901002211]
• Chahk (Maya deity) [IA 901002210]
• man (male human) [AAT 300025928]
• skeleton (animal component) [AAT 300191778]
• ax (weapon) [AAT 300024664]
• altar [AAT 300003725]
• death [AAT 300151836]
• celebration [AAT 300152441]

Abridged Overview of Getty Vocabularies

Works depicted in visual surrogates

- What is advantage to linking to CONA for work depicted?
- Access for all surrogates for same work
- Multilingual access, links, etc.

Surrogate in Photo Archive

LINKS

specific subject

Velázquez et al copy in the Uffizi after Ruben...

Enough information in surrogate records to make minimal record for work depicted

CONA_ID: 700008694   Class.: paintings
Titles: Equestrian Portrait of Philip IV
        Filippo IV, re di Spagna
        Felipe IV a caballo
Work Types: painting (visual work)   **AAT**
Creation Date: ca. 1645
Creator Display: Diego Velázquez and assistants;
after Peter Paul Rubens, now lost   **ULAN**
Locations: Galleria degli Uffizi (Flore... ze
province, Tuscany, Italy) [500125191]   **TGN**
Repository Numbers: 1890:792   **ULAN**
Address Note: Room 41: Ruben...
Display Materials: oil on canvas   **AAT**
Dimensions: 338 x 267 cm
General Subject: portraits
Specific Subjects:
        equestrian portrait [300403976] (AAT)   **AAT**
        Philip IV, King of Spain (Spanish king,
        1605-1665) [500282775] (ULAN)   **ULAN**
Related Works:
        pastiche copy after .... Equestrian Portrait
        of Philip IV [700008695] painting (visual
        work); Peter Paul Rubens; now lost;
        1628-1629
Sources and Contributors:
[VP] [GRIPA]   **CONA**
.... Fossi, Uffizi Gallery (2001)
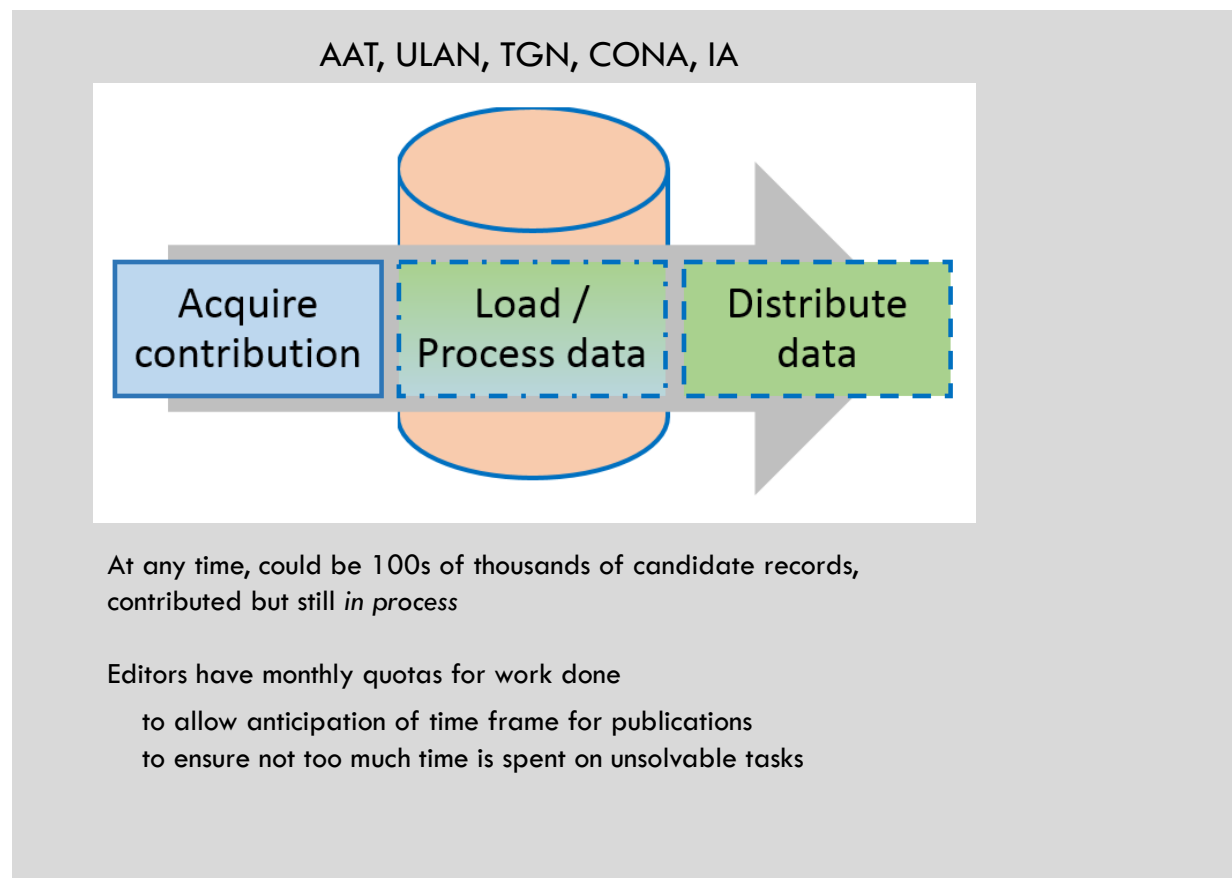........ GRI Photo Archives database (1974-)

Getty

What Do We Do?

Discover, link, access, retrieve, research, catalogue, index

Getty

Processing records

- Contributors' data is loaded and processed by the Getty Digital team and the Getty Vocabulary Program
- Data is merged, normalized, and published
- Exported data is refreshed for users every month
- Releases: Online search, Web services APIs, LOD, XML, and relational tables

Getty

AAT, ULAN, TGN, CONA, IA

At any time, could be 100s of thousands of candidate records, contributed but still *in process*

Editors have monthly quotas for work done

    to allow anticipation of time frame for publications
    to ensure not too much time is spent on unsolvable tasks

Coordinating contributions

- Nurturing relationships with contributors
- Advising re. mapping their existing data to format for loading into our editorial system
  E.g., Szeemann finding aids to ULAN
- Advising re. translation methodology and content issues
- Meetings and online conversations

Getty

The **International Terminology Working Group (ITWG)**—a collective of metadata and controlled vocabulary professionals and scholars from North and SouAmerica, Europe, Asia, and the Middle East—meet every year or so to discuss four AAT translation Projects (including the Dutch AAT), as well as new projects, the other vocabularies, and overall the challenges and opportunities in developing and maintaining multilingual electronic thesauri for use by cultural heritage institutions. Getty Center, February 2020.

Abridged Overview of Getty Vocabularies

Relationships and linking are built into and among the Getty vocabularies

Merging data in one record

- Getty vocabularies merge contributed records representing the same concept
- Example from ULAN: Three contributions; are any of these records for the same person? Yes, 1st and 3rd rows
- Merged by algorithm, if possible; if not, merged by editors

ULAN ID	Matching name	Display biography	Roles (AAT-controlled)	Nationality (AAT-controlled)	Estimated birth date	Estimated death date
500017409	Guardi, Francesco	Venetian painter, 1712-1793	artist painter landscapist	Venetian Italian	1712	1793
500312969	Guardi, Francesco	Italian noble, born 1514	noble	Italian	1514	1614
500412666	Guardi, Francesco	Italian artist, ca. 1712-1793	artist	Italian	1707	1793

A name matches exactly; role matches; a nationality matches; dates within range?

Publishing data

- Contributors' data is loaded and processed by the Getty Digital technical team and the Vocabulary Program editorial team
- Data is merged, normalized, and published
- Refreshed for users every two weeks
- Releases: Online search, XML, relational tables, APIs, LOD

Abridged Overview of Getty Vocabularies

ULAN record is a merged, homogenous entity

Union List of Artist Names® Online
Full Record Display

🔍 New Search   ◄ Previous Page   ❓ Help

Click the 🔧 icon to view the hierarchy.

Semantic View (JSON, JSONLD, RDF, N3/Turtle, N-Triples)   ▪ Representa

🔧 **Guardi, Francesco** (Italian painter, 1712-179

Note: Venetian painter, during the first half of his
on decorations and church paintings; later becam
vedutista (view painter) of Venetian urban life.

Names:
Guardi, Francesco (**preferred**,V,index,LC)
Francesco Guardi (V,display)
Gardi, Francesco (V)
Garde, Francesco (V)
Gardis, Francesco (V)
Gauda, Francesco (V)
Guada, Francesco (V)
Guarde, Francesco (V)
Guardet, Francesco (V)
Gvardi, Franchesko (V)
Guardi, François (V)
Guardi, Francisco (V)

Contributors
AVERY, BHA, GRISC, GRL, GRLPA, PROV, VP, WCI, WCP, WL-Courtauld
Sources
Avery Authority files (1963-)
Harald Szeemann papers, Finding Aid, GRI Special Collections (2011-)
J. Paul Getty Museum, collections online (2000-)
Library of Congress Authorities database (n.d.) n 50074509
M. Knoedler & Co. records, Finding Aid, GRI Special Collections (2012-)
Provenance Index Databases, Authority file (1985-)
RILA/BHA (1975-2000)
Witt Library, Authority files

Merged in one record

Attribution to contributor and source is maintained, but merged and unified, and various "preferred" data is flagged

Abridged Overview of Getty Vocabularies
Images may be under additional copyright

ULAN record is a merged, homogenous entity

Union List of Artist Names® Online
Full Record Display

🔍 New Search   ◀ Previous Page

Click the 🔗 icon to view the hierarchy.

Semantic View (JSON, JSONLD, RDF, N3/Turtle, N-Triples) ▪ Representa

🔗 **Guardi, Francesco** (Italian painter, 1712-179

Note: Venetian painter, during the first half of his
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Names:
   Guardi, Francesco (**preferred**,V,index,LC)
   Francesco Guardi (V,display)
   Gardi, Francesco (V)
   Garde, Francesco (V)
   Gardis, Francesco (V)
   Gauda, Francesco (V)
   Guada, Francesco (V)
   Guarde, Francesco (V)
   Guardet, Francesco (V)
   Gvardi, Franchesko (V)
   Guardi, François (V)
   Guardi, Francisco (V)

Contributors
AVERY, BHA, G
Courtauld
Sources
Avery Authority
Harald Szeem
Collections (20
J. Paul Getty M
Library of Con
M. Knoedler &
Collections (20
Provenance Inc
RILA/BHA (197
Witt Library, A

Nationalities:
   Italian (**preferred**)
   Venetian   **AAT** ☐

Roles:
   artist (**preferred**)
   painter
   landscapist   **AAT**

Gender: male

Birth and Death Places: **TGN**
   Born: Venice (Venezia province, Veneto, Italy) (inhabited place)
   Died: Venice (Venezia province, Veneto, Italy) (inhabited place)

Related People or Corporate Bodies:
member of .... Guardi family
         (Italian painters, active 18th century) [500060865]
parent of .... Guardi, Giacomo
         (Italian painter, 1764-1835) [500023608]
sibling by marriage (in-law) of .... Tiepolo, Giovanni Battista
                     (Venetian painter, 1696-1770)
         ULAN   [500018523]
                     Cecilia Guardi married Tiepolo in 1719
sibling of .... Guardi, Antonio
         (Italian painter, 1699-1760) [500025094]
sibling of .... Guardi, Niccolò
         (Italian painter, 1715-1785) [500029088]

Merged information,
redundancy eliminated

Note links to other ULAN
records, to AAT and
TGN

Using data

- Online Web searches
- Access to training materials and editorial guidelines
- Highest number of pages accessed at GRI every month (17,000 page views, 200,000 queries)
- Among the highest at Getty overall
- Demonstrating usefulness is important to proving the value of the project, re. budgets, etc.

- In addition, Getty Vocabularies released as LOD with very high use
- AAT and other vocabs available at satellite sites and in vendor systems

Getty

Top 15 GRI-wide page views per month (March 2019)		
No.	Page	Views
1	**Vocabs: AAT**	**16,106**
2	**Vocabs: ULAN**	**11,826**
3	**Vocabs: TGN**	**9,479**
4	GRI landing page	5,676
5	GRI list of resources	5,171
6	Exhibition: monumentality	4,273
7	**Vocabs: general information**	**4,245**
8	**Provenance: search**	**3,895**
9	Library	3,345
10	**Provenance: general information**	**2,690**
11	BHA (Bibliography for History of Art)	2,091
12	Photo Archive	1,759
13	GRI: Digital Collections: Turkey photos	1,673
14	**Vocabs: CONA**	**1,489**
15	**Vocabs: CDWA (cataloging rules for art)**	**1,143**

Abridged Overview of Getty Vocabularies

Using data

- Vocabulary data is licensed and used by hundreds of institutions and vendors
- Collections management systems (e.g., TMS)
- We contribute to VIAF
- Now linking vocabulary data in LOD in hundreds or thousands of new ways

Getty

http://viaf.org/

The VIAF® (Virtual International Authority File) combines multiple name authority files into a si... authority files by matching and linking widely-used authority files and making that information a...

VIAF Contributors

Library of Congress/NACO
National Library of Mexico
British Library
National Agricultural Library (U.S.)
National Library of Medicine (U.S.)
National Library of New Zealand

Vatican Library
Swiss National Library
Library and Archives Canada
Union List of Artist Names [Getty Research Institute]
NUKAT Center of Warsaw University Library

..., Hungary
... f Western Switzerland

... Center)
...

...ia

Louis XIV, roi de France, 1638-1715
Louis XIV, King of France, 1638-1715
Louis XIV, koning van Frankrijk, 1638-1715
Ludwik XIV (król Francji ; 1638-1715).
Lluís XIV, rei de França, 1638-1715.
Luis XIV, Rey de Francia
Louis 1638-1715 King of France XIV
Ludwig XIV. Frankreich, König 1638-1715
Ludvig XIV, kung av Frankrike, 1638-1715
Louis XIV roi de France et de Navarre de 1643 à 1715
Louis XIV, re di Francia, 1638-1715
Ludvikis XIV, Francijas karalis, 1638-1715
Ludvík XIV., francouzský král, 1638-1715
1638-1715, לואי 14, מלך צרפת
Louis 14世, 1638-1715, フランス国王
Louis <re di Francia ; 14.>
Louis XIV, King of France (French monarch, collector, and patron, 1638-1715)

- GRI (with ULAN and TGN) contributes to VIAF, the Virtual International Authority File.
- Link to other sources in Linked Open Data

Abridged Overview of Getty Vocabularies

Thank you.

Patricia Harpring
Managing Editor
Getty Vocabulary Program

pharpring@getty.edu
vocab@getty.edu

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