

The Way We Were

Finding information by hand

Discovery, Knowledge Creation, and Dissemination of research and art information: pillars of GRI mission

- How did art historians do research in the past?
- By hand, physical resources and card catalogs, bibliographic indexes such as BHA (Bibliography for the History of Art)
- Printing out , photocopying, taking photos, note taking
- Traveling around the world, many months to find all data
- Needed better methods and tools for research and discovery
- Solutions would also address needs of repositories, other cataloging institutions with mission to disseminate their data
- The Getty Vocabularies, CDWA, etc. were developed to allow consistency in cataloging and improvement of retrieval

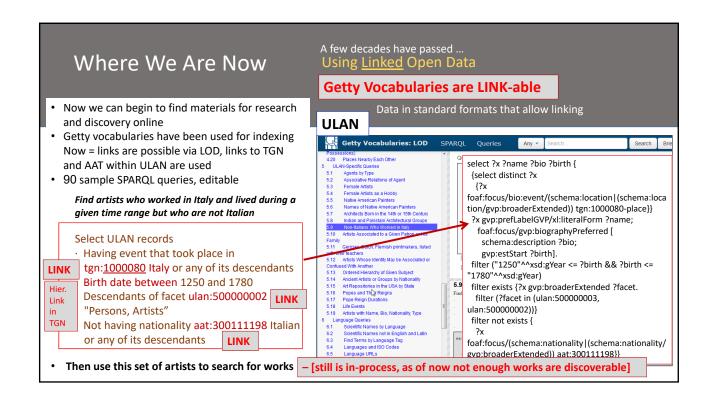
Getty

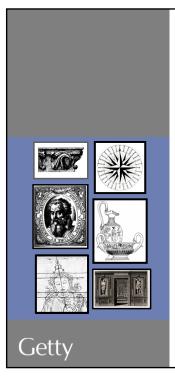
My box of research materials for one project, many years ago



Goal = data linked to other data, discoverable -

First = deal with human factor, links/consensus across different disciplines; repositories (archives, special collections, visual resources, museums, bibliographic, scholars); languages and cultures; current and historical





Getty Vocabularies: Our History

- The Getty Vocabularies were established to meet the needs of art museum, visual resources, archives, and art library communities
- Authoritative vocabularies -- indexing and retrieval of art information, architecture, conservation, archaeology; but not authoritarian = flexibility to achieve buy-in
- Why standards and controlled vocabularies? To make data more consistent, more usable in-house, and in broader environments
- Better able to withstand changes in technology and practices over time
- Greatest investment in cataloging is the human investment, with experts analyzing and recording data -- preserve that investment via standards
- Sources of data? For Getty Vocabularies, core initial data was compiled from existing Getty projects' data and a few open data resources
- Vocabularies are <u>compiled through contributions</u> from qualified and trained contributors (visual resources collections, museums, art libraries, special coll., bibliographic indexing projects, international translation projects)
- Authoritative -- Contributors and published sources are cited
- Authoritative -- Persistent numeric identifiers for records, terms, and other data; co-referencing to other IDs for the same concept in other resources

Furomed 2020: Getty Vocabularies

- Getty was a trailblazer

 a) committing
 resources to
 standards and
 vocabularies for art
 information, and
 b) bringing together
 disparate communities
 under Getty leadership
- AAT (Toni Peterson), ULAN and TGN were begun 1980s-1990s (director, Eleanor Fink)
- Informed by CIHA TAU (Thesaurus Artis Universalis)
- CONA and IA based on CDWA
- Getty Vocabulary Program formerly part of the Art History Information Program

Getty

Getty Vocabularies: Our History

https://www.getty.edu/research/tools/vocabularies/faq.html#1a





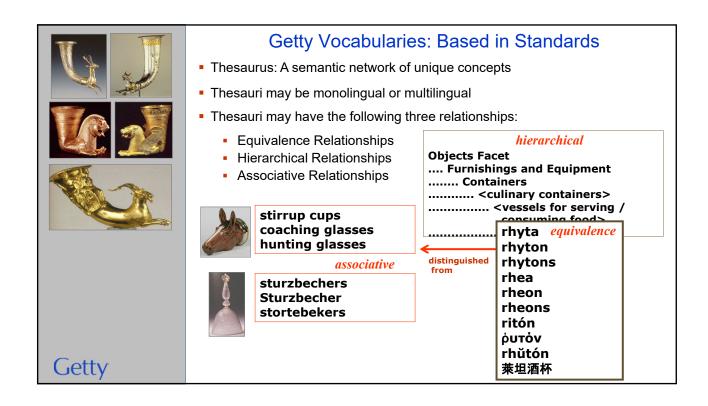


Getty Vocabularies: Based in Standards

Standards for data content and structure

There are several types of controlled vocabularies and related specifications relevant for art and other cultural heritage information

- · Subject heading lists
- · Controlled lists
- Synonym ring lists
- · Authority Files
- Taxonomies
- Alphanumeric classifications
- Thesauri Getty Vocabularies are thesauri
- Ontologies
- Folksonomies



Compliant with national (NISO) and international (ISO) standards for thesaurus construction: ISO 25964-1:2011; ISO 25964-2:2013; ANSI/NISO Z39.19-2005, Getty Vocabularies are compliant with / map to other standards: CDWA (Categories for the Description of Works of Art) CCO (Cataloging Cultural Objects) VRA Core (Visual Resources Association core categories) LIDO (Lightweight Information Describing Objects) CIDOC CRM (CIDOC Conceptual Reference Model) (ISO 21127:2014) Editorial rules based on common practice, reflect best practice Metadata Standards Crosswalk https://https://www.gettv.edu/research/publications/electronic_publications/intrometadata/crosswalks.html CIDOC LIDO **CDWA Lite** VRA Core MARC/AACR [RDF CRM Coming coming soon] soon] coming 1. OBJECT/ WORK (core) 1.1. Catalog Level (core) Creator_Other_Displays. cdwalite: recordType> 655 Genre/Form <vra: work> or <vra: <genre> catalog_level Description - Extent 1.2. Object/Work Type Work Type PType Role Rels, subject id and <cdwalite: objectWorkType> <vra: worktype> in <vra:</pre> 655 Genre - Form <aenre>

Getty Vocabularies: Based in Standards

ptype_role_id [link to AAT]

(core)

Getty Vocabularies: Based in Standards

Standards for data releases

- Compiled, merged, edited, and published by the Getty; refreshed monthly
- Open Data Commons Attribution License (ODC-By) v1.0
- Allows sharing, creation, adaptation of data with attribution
- Data is made available in various ways, use technical standards for releases
 - online searching, https://www.getty.edu/research/tools/vocabularies/index.html
 - Web services APIs
 - Relational tables and XML format
 - Linked Open Data: structured and published to make it openly accessible and shareable on the Semantic Web:
 JSON, RDF, N3/Turtle, N-Triples formats'
- Links to LOD and Sparql end point https://www.getty.edu/research/tools/vocabularies/lod/index.html

Getty

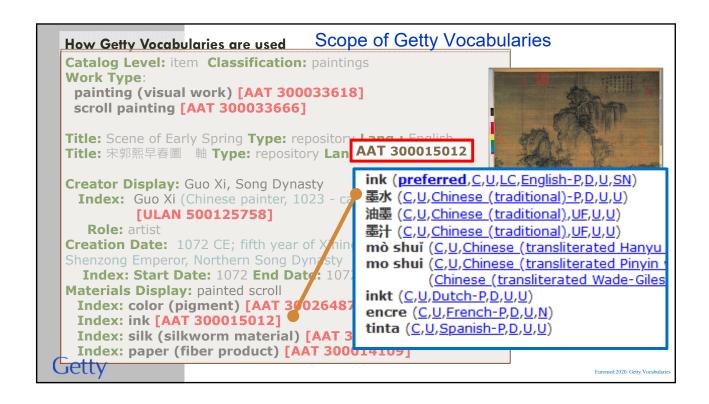


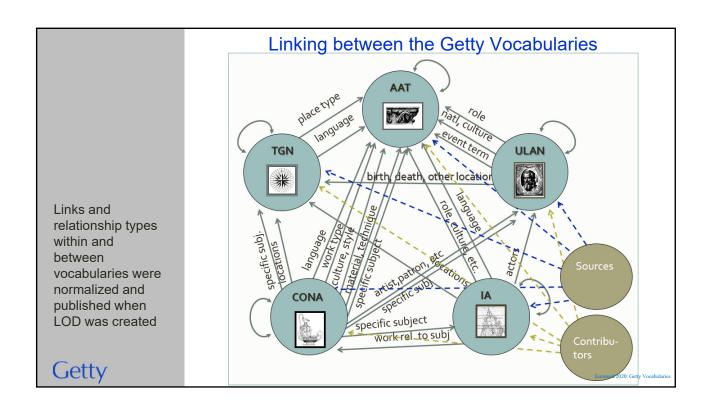
Scope of Getty Vocabularies

The mission of the Getty Vocabulary Program (GVP) is to produce **rich**, **structured**, **authoritative vocabularies**, in compliance with **international standards**, that provide a powerful conduit for **inter-related**, **linked**, **and meaningful research**, **discovery**, **and understanding of the visual arts** and their various histories, in collaboration with the **international community**, and utilizing **training and outreach** to inform the field.

A primary goal of the Getty Vocabulary Program is to broaden and enrich the scope and coverage of the Getty Vocabularies to become ever more multilingual, multicultural, inclusive, and representative of the subjects and priorities of the GRI, the Getty, and global art history.

https://www.getty.edu/research/tools/vocabularies/faq.html#1aa





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

What is AAT?



AAT, the Art & Architecture Thesaurus®

The AAT is a thesaurus containing **generic terms**, dates, relationships, related to art, architecture, conservation, other cultural heritage

https://www.getty.edu/research/tools/vocabularies/aat/index.html https://www.getty.edu/research/tools/vocabularies/guidelines/index.html#aat

- Used for work types, roles, materials, styles, cultures, techniques, etc.
- Generic terms, not proper names
- Multilingual; large translation projects are underway
- Facets are the upper levels of the AAT structure
- AAT is not organized by subject matter or discipline

Totals as of 25 Oct 2020

Vocab	Records	Terms
AAT	70,959	400,334

Euromed 2020: Getty Vocabulari

Scope of AAT

Associated Concepts

Terms for all abstract concepts and phenomena that relate to the study and execution of various areas of human thought and activity, including architecture and art in all media, as well as related disciplines. Also covered here are theoretical and critical concerns, ideologies, attitudes, and social or cultural movements

beauty, balance, connoisseurship, metaphor, socialism

Physical Attributes

Terms for the perceptible or measurable characteristics of materials and artifacts as well as features of materials and artifacts that are not separable as components. Included are characteristics such as size and shape, chemical properties of materials, qualities of texture and hardness, and features such as surface ornament and

borders, round, waterlogged, brittleness

Styles and Periods

The names of art and architecture styles, historical periods, and art movements. Names of peoples, cultures, individuals, and sites are included if they designate distinct styles or periods

Yoruba, Louis XIV

Agents

Terms for designations of people, groups of people, and organizations identified by occupation or activity, by physical or mental characteristics, or by social role or condition

printmakers, landscape architects, corporations, religious orders Animals will also be included in this facet

Activities

Terms for areas of endeavor, physical and mental actions, discrete occurrences, systematic sequences of actions, methods employed toward a certain end, and processes occurring in materials or objects. Activities may range from branches of learning and professional fields to specific life events, from mentally executed tasks to processes performed on or with materials and objects, from single physical actions to complex games

archaeology, engineering, analyzing, contests, exhibitions, running, drawing (image-making), corrosion

Materials

Terms for physical substances, whether naturally or synthetically derived. These range from specific materials to types of materials designed by their function, such as colorants, and from raw materials to those that have been formed or processed into products that are used in fabricating structures or objects iron, clay, adhesive, emulsifier, artificial ivory, millwork

Objects

Terms for discrete tangible or visible things that are inanimate and produced by human endeavor; that is, that are either fabricated or given form by human activity. These range, in physical form, from built works to images and written documents. They range in purpose from utilitarian to the aesthetic. Also included are landscape features that provide the context for the built environment paintings, amphorae, facades, cathedrals, Brewster chairs, gardens

Brand Names

Names for materials, processes, and objects having names that are under trademark protection $% \left(1\right) =\left(1\right) \left(1\right) \left($

Agfacolor (TM) Araldite (TM) Arches paper (R)



AAT Sample Record

AAT. Art & Architecture Thesaurus® http://vocab.getty.edu/page/aat/300041363

- [partial record]
- preferred term is flagged, but not required to use it: based on local rules
- IDs for record and for terms

Getty

ID: 300190536

steel engravings (pref, en) [1000041363]

Qualifier: visual works steel engraving (en)

[1000299348]

Qualifier: visual work

鋼版刻印 (zh) [1000551901] gāng bǎn kè yìn (zh) [1000551903] staalgravures (nl) [1000482814] gravures sur acier (fr)

[1000304335]

grabados al acero (es) [1000429838]

Stahlstiche (de) [1000655952]

Associative Relationships

produced by ... steel engraving (printing process) [300190536]

Hierarchical Relationships (poly)

Objects Facet

- .. Visual and Verbal Communication (G) Visual Works (hierarchy name) (G)
- visual works (works) (G)
- <visual works by material or technique> (G) prints (visual works) (G)
-cyrints by process or technique
 - ... <prints by process: transfer method> (G)
- intaglio prints (G) engravings (prints) (G)

 - steel engravings (visual works) (G)

Note: Prints made by the process of "steel engraving (printing process)," in which plates of steel or steel-faced copper are used, having replaced the use of less durable copper plates in the early 19th century

Chinese (traditional) 以鋼版雕刻程序製成的版畫 Dutch Gravures waarbij de afbeelding is gesneden

German Druck, der im Verfahren des Stahlstichs

hergestellt wurde.

Spanish Estampas realizadas mediante el proceso de grabado en acero.

Contributors: VP CHIN AS RKD IfM-SMB-PK,CDPB-DIBAM Sources: Koschatzky, Die Kunst der Graphik (1988); Lucie-Smith, Thames & Hudson Dictionary of Art Terms (1986); Newman, Innovative Printmaking (1997)

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 techniques <photographs by picture-taking technique> aerial photographschronophotographs instantaneous photographs motion photographs photobooth pictures photomicrographs radiographs beta radiographs x-radiographs snapshots space photographs stereoscopic photographs half stereographs parallax stereograms stereographs Jetty tissue stereographs

View of the AAT hierarchy

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

Work type:

stereoscopic photograph



View of the terms for a concept in AAT record

http://vocab.getty.edu/page/aat/300162872

AAT subject id 300162872

Terms:

stereoscopic photographs (preferred, C, U, English-P, D, U, PN)

stereoscopic photograph (C.U.English,AD,U,SN) stereoview (C,U,English,AD,U,SN)

photographs, stereoscopic (C,U,English,UF,U,N)

stereograms (stereoscopic photographs) (C,U,English,UF,U,N)

stereo pairs (C,U,English,UF,U,N)

stereophotographs (C,U,English,UF,U,N)

stereo photographs (C,U,English,UF,U,N)

stereos (photographs) (C,U,English,UF,U,N)

stereo views (C,U,English,UF,U,N)

stereoviews (C,U,English,UF,U,N)

sterescopic views (C,U,English,UF,U,N)

views, stereo (C,U,English,UF,U,N)

stereofoto's (C,U,Dutch-P,D,U,U)

stereofoto (C,U,Dutch,AD,U,U)

stereoscoopfoto (C,U,Dutch,UF,U,U)

stereoscoopfoto's (C,U,Dutch,UF,U,U)

stéréogramme (C,U,French-P,AD,U,MSN) coppie stereoscopiche (C,U,Italian-P,D,U,PN)

fotografías estereoscópicas (obras visuales) (C,U,Spanish-P,D,U,PN)

fotografía estereoscópica (obra visual) (C,U,Spanish,AD,U,SN)

Terms for a single item, language

 Some systems or local cataloging rules do not allow linking at the term level

Work type:

stereoscopic photograph AAT term id 1000299214



Euromed 2020: Getty Vocab

Scope of AAT

Complying with standards and rules

Editorial rules are drawn from common practice, represent best practice

Example: AAT Preferred terms

• Preferred term: The word or phrase used most often in authoritative sources, scholarly literature to refer to the concept in that language

still lifes or still liVes?





- Preference for POS may vary
- · Synonymity: All terms in one record must be exact synonyms, used interchangeably for the concept
- With allowances for parts of speech, some historical usage

still lifes (preferred, C, U, LC, English-P, D, U, PN) still life (C,U,English,AD,U,SN)

still-life (C,U,English,AD,U,SN)

still lives (C,U,English,UF,U,N) still-lifes (C,U,English,UF,U,N)

靜物畫 (C,U,Chinese (traditional)-P,D,U,U) 靜物 (C,U,Chinese (traditional),UF,U,U)

jîng wù huà (C,U,Chinese (transliterated Hanyu jing wu hua (C,U,Chinese (transliterated Pinyin

ching wu hua (C,U,Chinese (transliterated Wad stillevens (C,U,Dutch-P,D,U,U)

stilleven (C,U,Dutch,AD,U,PN) nature morte (C,U,Italian,UF,U,N)

(French-P,D,U,PN)

Still-Leben (visuelles Werk) (C,U,German,D,B) Stillleben (visuelles Werk) (C,U,German-P,AD,

Stilleben (C,U,German,UF,U,PN) natura morta (C,U,Italian-P,D,U,PN)

naturaleza muerta (C,U,Spanish-P,D,U,PN)

naturalezas muertas (C,U,Spanish,AD,U,PN)



Patricia Harpring

Getty

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

What is ULAN?



ULAN, the Union List of Artist Names®

ULAN contains **personal names**, relationships, biographical information for artists, architects, firms, studios, repositories, patrons, sitters, both named and anonymous

https://www.getty.edu/research/tools/vocabularies/ulan/index.html https://www.getty.edu/research/tools/vocabularies/guidelines/index.html#ulan

- For people and corporate bodies associated with the creation and documentation of art, architecture, and in related disciplines
- Includes current and historical associative relationships (e.g., students to teachers; firm and studios to members)

Totals as of 25 Oct 2020

Vocab	Records	Terms
ULAN	313, 260	935,147

Euromed 2020: Getty Vocabulario

Persons, Artists Scope of ULAN ... Agami, Alyssa (Mexican sculptor, born 1955)Abbate, Ercole dell' (Italian painter, 1563/1573-1613)Abeyta, Narciso (Native American painter, 1918-1998) Ashmolean Master (Early Cycladic sculptor, active 25th century BCE) An, Yuan (Chinese architect, active 1404-1420) **Corporate Bodies**Abbate family, dell' (Modenese painters, active 16th-17th centuries)Abbot Hall Art Gallery (British museum, contemporary)Abdullah Freres (Turkish photography and painting studio,1858-1899) Non-ArtistsAah-Hotep, Queen (Egyptian queen, ca. 1560- 1530 BCE)Abelard, Peter (French theologian, philosopher, 1079-1142)Ancaster, Mary Bertie, Duchess of (English aristocrat, died 1793) **Unidentified Named People and Firms**Abady, Sheila (artist)Facius, Friedrich Wilhelm (artist, born 1764) **Unknown People by Culture**unknown Abakwariga (Abakwariga cultural designation) unknown Abbevillian (Abbevillian cultural designation unknown Aztec (Aztec cultural designation) Getty





ULAN Sample Record

ULAN, the Union List of Artist Names® http://vocab.getty.edu/page/ulan/500060426

Linked to other vocabularies, Other resources (LOC)

TGN

ID: 500060426

Names:

Katsushika Hokusai (en,ja-trans) [1500235399] Hokusai (en,ja-trans) [1500235408]

Date: name taken by the artist in 1798, and used for his prints and paintings Start: 1798 End: 9999

葛飾 北斎 (ja) [1500705416]

Shunrō (en,ja-trans) Date: gō (artist's name), used in his years of training, when painting hosoban (narrow prints) [1500235400]

Sōri (en,ja-trans) Date: gō used in early career, named taken from his Rinpa-school master Tawaraya Sōri [1500235401]

Kakō (en,ja-trans) Date: used for the production of commecial prints and books [1500235402]

Tatsumasa (en,ja-trans) Date: used for the production of privately published illustrations [1500235403]

Display bio: (Japanese printmaker, painter, 1760-1849

Birth date: 1760

Death date: 1849

Nationalities:

Japanese (pref)

Roles: AAT 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)

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 n 80043599; Metropolitan Museum of Art [online] (2003-); Bouquillard, Hokusai:

First Manga Master (2007)

Scope of ULAN

Rich data and relationships

• E.g., ULAN, reciprocal relationships teacher/student **1101** person – *teacher of* – person **1102** person – **student of** – person

Japanese printmaker Katsushika Hokusai [was] teacher of Katsushika Taito II

As with other relationships in vocabulary records, the relationship may be circumscribed with dates







Page Link: http://vocab.gettv.edu/page/ulan/500060426

👗 Katsushika Hokusai (Japanese printmaker and painter, 1760-1849)

Relationship Type	Record Type	Name	Display Date	Start	End
1101 - teacher of	Person	Taito, Katsushika, II	ca. 1820-before 1830	1819	1830
1102 - student of	Person	Shunshō, Katsukawa	ca. 1778-1793	1777	1793

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 מישראל Mare Cantabricum Nan Madol Ruins Rapa Nui 臺北

What is TGN?



TGN, Getty Thesaurus of Geographic Names®

TGN contains **place names** relevant to art, architecture, and related disciplines

https://www.getty.edu/research/tools/vocabularies/tgn/index.html https://www.getty.edu/research/tools/vocabularies/guidelines/index.html#tgn

- Names, relationships, place types, dates, notes, coordinates
- · Scope includes cities, nations, empires, physical features
- Focus on historical, regions, archaeological sites, lost settlements
- Built upon a skeleton of the modern world, but only as much as needed for historical information and cataloging art; not comprehensive
- TGN is a thesaurus compliant with ISO standards
- TGN is not GIS, but may be linked to GIS, maps, etc.
- Co-references other geographic resources

Totals as of 25 Oct 2020

Vocab	Records	Terms
TGN	2,532,907	4,088,303

Euromed 2020: Getty Vocabulario

Scope of TGN

World

-Africa (continent)
-Abyssinia (historical) (general region)
-Aden, Gulf of
-Ethiopia (nation)
-Tigray (state)
-Āksum (inhabited place)
-Gonja Kingdom (former nation/state/empire)

Extraterrestrial Places

-Milky Way Galaxy (galaxy)
-Solar System (planetary system)
-Jupiter (planet)
-Metis (moon)
- Historical and current world, administrative and physical features in same hierarchy
- · Small number of Extraterrestrial Places, as needed by contributors

Getty



ID: 7011179 Names:

Siena (pref,it,en) [47413] Sienna [140808] Sienne (fr) [1002860953] Σιένα (el) [1002038443] 锡耶纳 (zh) [1002038446] Сиена (ru) [1002038445] シエーナ (ja) [1002038441] Sienese (adj) (en) [1159549] Senae (hist.) [181416] **Date:** Medieval Start: 800 End: 1500 Sena Julia (hist.) (la) [181415]

Sena (hist.) [181414] Date: Etruscan

TGN Sample Record

TGN, Getty Thesaurus of Geographic Names® http://vocab.getty.edu/page/tgn/7011179

Linked to other vocabularies. Other resources (LOC, NGA)

Hierarchical Relationships (poly.)

World (facet)

- .. Europe (continent)
- ... Italy (nation) Tuscany (region)
- Siena (province)
- Siena (inhabited place)

World (facet)

Contributors:

VP,BHA, Avery,GRI

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

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

Place Types

inhabited place

Date: settled by Etruscans (flourished 6th century BCE)

AAT

city

archiepiscopal see

commune (administrative) Date: since 1125

cultural center university center world heritage site

Lat: 43 19 07 N (43.3180) Long: 011 19 50 E (11.3300)

Flevation: 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 . Sources: Annuario Generale (1980); NGA/NIMA database (2003-) -129709; Library of

Congress Authorities n 79013822; UNESCO World Heritage Centre [online] (1992-); VIAF: Virtual International Authority File [online] (2009-) VIAF ID: 239842096 (Geographic)

Adorazione dei Magi Apedemak Baby Jaguar Death and the Miser Ehecatl Ganesh Hades Hercules Herakles Mithras Niflheim Noli me tangere Olouaipipilele

涅槃仏 Storming the Bastille The Divine Comedy Tumatauenga Virgin Hodegetria World War I

Prajnaparamita

Penance of Indra

Reclining Buddha

Bouddha couché

Xibalba

What is IA?



IA, the Getty Iconography Authority TM

IA contains iconography names describing topics relevant to art, architecture, and related disciplines

https://www.getty.edu/research/tools/vocabularies/cona/index.html https://www.getty.edu/research/tools/vocabularies/guidelines/index.html#ia

- 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

Totals as of 25 Oct 2020

Vocab	Records	Terms
IA	1,968	5,527

Scope of IA

Religion, Mythology, Legend

-Buddhist Iconography
-Buddhist allegory, symbolism, theme
-Buddhist characters
-Buddhist legendary places
-Buddhist narratives
-Four Encounters (Buddhist narrative)

Literature and Performing Arts

-Literary characters
-Beatrice (Italian literary character, Dante, ca. 1293)

Named Events

-Ancient history (Egyptian, Greek, Roman, other western)
-Battle of Salamis (Greek history, 480 BCE)

Miscellaneous Topics

-Miscellaneous Legendary Places
-Cockaigne (legendary place, medieval western)

Getty

Euromed 2020: Getty Vocabular



Names in multiple languages

Users may choose the name appropriate for their needs

Getty

IA Sample Record

IA, the Getty Iconography Authority TM

http://vocab.getty.edu/page/ia/901000085

ID 901000085

Names

Avalokiteśvara (en) [5000191] Avalokitesvara [5001067] Avalokitesvara [5003150] अवलोकितेश्वर (sa) [5001068] মুম্ব'ম্ম'শ্ৰিশ্ম (bo) [5002308] Spyan ras gzigs [5002309]

Hierarchical Relationships
Top of the IA hierarchies

Legend, Religion, Mythology Buddhist iconography Buddhist characters

Avalokiteshvara (Buddhist iconography)

AAT links

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

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...

Contributors VP, BHA

Sources Bowker, Oxford Dictionary of World Religions (1997); Huntington, Art of Ancient India (1985); Encyclopedia Britannica Online (2002-);

LC: LC control no.: sh 85010492

Euromed 2020: Getty Vocabulari

AAT

TGN

ULAN

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

What is CONA?



CONA, Cultural Objects Name Authority®

CONA compiles **titles/names** with other metadata for works of art, architecture, and other cultural works

https://www.getty.edu/research/tools/vocabularies/cona/index.html https://www.getty.edu/research/tools/vocabularies/guidelines/index.html#cona

- For works current and historical, documented as items or in groups, whether extant, destroyed, or never built
- May be used to record works depicted in visual surrogates, architecture, multiples (prints), and for other purposes

Totals as of 25 Oct 2020

Vocab	Records	Terms
CONA	6,763	13,431

Euromed 2020: Getty Vocabulario

Scope of CONA

Built Works

Abbotsford House (country house; designed by William Atkinson, (British architect, ca. 1773-1...; constructed 1817-1819, 1822-1825; Melrose (Scottish Borders, Scotland, UK)... Attagudi (Siva temple) (temple (building); patron: Ganapatideva; unknown Telingana; first quarter of 13th century, Chandravalli (Karnātaka, India) ...)

Movable Works

Abraham Lincoln and His Second Son Thomas (Tad) (albumen print; Alexander Gardner (American, born Scotland, 1821 - 1882) (Am...; April 9, 1865; J. Paul Getty Museum at the Getty Center (Los Angeles, Los A...; 85.XM.285)

Boy with a Dragon (sculpture (visual works); Gian Lorenzo Bernini (Italian, 1598 - 1680); about 1617; J. Paul Getty Museum at the Getty Center (Los Angeles, Los A...; 87.SA.42)

Visual Surrogates

Foto arte minore / Max Hutzel (collection (object grouping)); photographers: Max Hutzel and Roberto Sigismondi; 1960-1990); Getty Research Institute (Los Angeles...

Conceptual Works

Adam and Eve (multiples); engraving (print); Albrecht Dürer (German painter, printmaker, 1471-1528); 1504; (Conceptual Works)

Getty



CONA ID: 700002923

Titles/Names:

Temple of Heaven (en) [1000016889]
Tian Tan (zh-tr) [1000016890]
T'ien-t'an (zh-trl) [1000019041]
Tiantan [1000016892]
Temple du Ciel (fr) [1000019264]

Templo del Cielo (es) [1000019265] Himmelstempel (de) [1000019266]

天壇 (zh) [1000016894] 天坛 (zh) [1000016893] 천단 (ko) [1000019043]

Getty

CONA Sample Record

- Multiple contributors
- Co-reference multiple IDs for the same work

CONA, Cultural Objects Name Authority®

http://vocab.getty.edu/page/cona/700000141

Catalog Level: item

Work Types: building complex temple

AAT

Classification: architecture

Creator Display:

first built by Ming Chengzu (1360-1424); extended by Ming Shizong (1507-1567); renovated by Qianlong (1711-1799)

[ULAN 500356295] Role: patron/38121 [ULAN 500372663] Role: patron/38121 [ULAN 500372572] Role: patron/38121

Locations:

Location current Beijing (Beijing Shi (municipality), (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]

AAT

TGN

Style: Chinese [AAT 300018322] | Taoist [AAT 300143666]

General Subject:

architecture *Type:* isness

religion and mythology *Extent*: purpose

Specific Subjects:

Heaven [AAT 300185658] Extent: dedication Chinese heaven [IA 901002236]

TGN ULAN CONA CONA IA

ΔΑΤ

Contributors:

JPGM VP GRISC BHA 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-); UNESCO World Heritage Centre [online] (1992-) Ref: 881

Scope of CONA

Recording information about lost works

Work was documented in contemporary sources, is now lost

CONA ID 700009685 Class: architecture

Work Type: storehouse Work Type: destroyed work

Title: Totocalco Title: Totocalli

Creator: unknown Aztec; under Montezuma II

Dimensions: unavailable Materials: masonry construction Current Location: Mexico City (Mexico) 19 26 06 N, 99 07 53 W Location: Sacred Precinct (Tenochtitlan, Mexico) Type: former

Date: 15th century

Related Work: distinguished from Totocalco (aviary)

General Subject: architecture Type: isness

Note: Storehouse in 16th-century Tenochtitlan (now Mexico City). Totocalco and Totocalli were terms used interchangeably in different sources to refer to one of two places, the first was a storehouse to the east of the main temple precinct where Mexica precious goods were kept, while the other was housed birds of the realm.

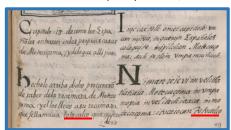
Contributors:: FloCo VP

Sources: GRI, FloCo terminology (2019-); Sahagún, Historia general (1989) v3:1189; Simeón, Diccionario nahuatl (1992) v13:49



What is the Florentine Codex Initiative?

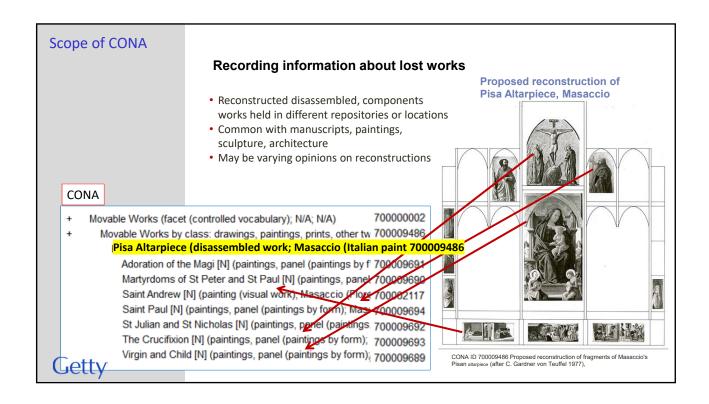
mexico-and-the-fall-of-the-aztec-empire/

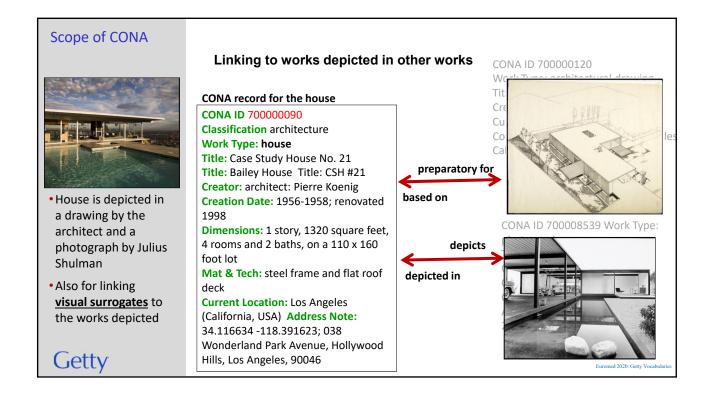


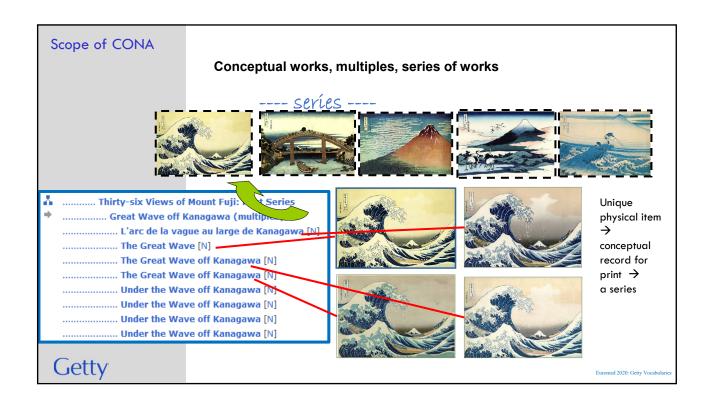
Florentine Codex, Book 12, Ch 18, Folio 28 recto, 1577



Tenochtitlan, map published in Nuremberg in 1524









Getty Vocabularies: The Community

- Target audiences are researchers, art museums, special collections, art libraries, and archaeological and conservation projects, although other audiences are frequent users as well
- · Developers and information providers
- The researchers themselves are also now users

Contributors to the Getty Vocabularies

 Institutions that catalog or index art, architecture, related disciplines; translation consortia

Users of the Getty Vocabularies

- Catalogers, researchers, vendors (e.g., TMS)
- Examples of users include Europeana, CHIN, American Art Collaborative (AAC), Linked.Art
- Through links or contributions to other resources, e.g., VIAF (Virtual International Authority File)

Contributors to the Getty Vocabularies

https://www.getty.edu/research/tools/vocabularies/contribute.html



Contribute to the Getty Vocabularies

The Getty vocabularies are compiled resources that grow through contributions from Getty projects and other institutions. Contributors to the Getty vocabularies include museums, libraries, archives, special collections, visual resources collections, bibliographic and other documentation projects, and large translation projects.

- Contributors agree to conditions via online click through
- Proposed contribution is reviewed by governance groups, accepted
- Send sample data, send full data contribution in bulk
- Processed and loaded by Getty
- Published in various formats monthly

Gettv

Who are the contributors?

- Getty projects
- Over 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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Examples of Contributors to Vocabularies

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

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Academia Sinica of Taiwan

Canadian Heritage Information Network

Collaborative Vocabulary of Arts and Architecture, Brazil Staatliche Museen zu Berlin Preussischer Kulturbesit Ctro. de Documentación de Bienes Patrimoniales, Santiado

Tokyo National Research Institute for Cultural Properties **Built Works Registry**

Istituto Centrale per il Catalogo e la Documentazione, Rome

Courtauld Institute

Canadian Centre for Architecture (CCA) Avery Architectural & Fine Arts Library

Frick Art Reference Library

Indiana University Digital Collections

Osterreichische Galerie Belvedere

Bunting Visual Resources Library, U. of New Mexico

Pinacoteca do Estado de São Paulo

Rijksmuseum in Amsterdam

Israel Museum, Jerusalem Smithsonian National Museum of African Art

Grove Art online

Florentine Codex Initiative (GRI)

Traditional Chinese Architecture (Vanderbilt, SEU)

Getty

National

Belgian Initiative to Broaden the Network for the French T documentation agencies,

consortia

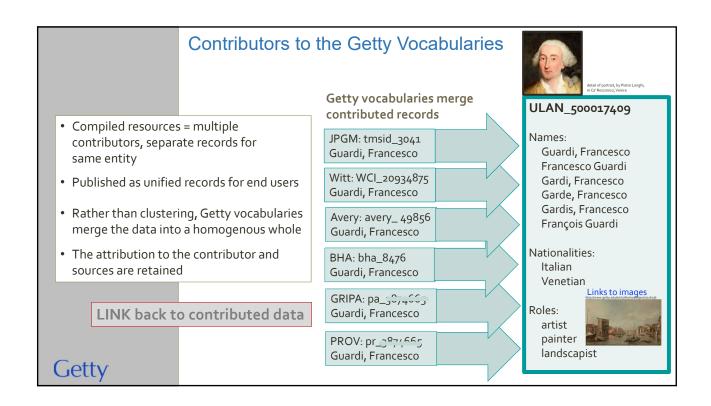
Image collections,

libraries

Art repositories

Publishers

Research projects



Users of	fthe	e Getty Vocabularies				
		Top 15 GRI-wide page views per month				
• Online usage	No.	Page	Views			
doago	1	Vocabs: AAT	16,106			
Vocabularies	2	Vocabs: ULAN	11,826			
are always among top	3	Vocabs: TGN	9,479			
resources	4	GRI landing page	5,676			
accessed at	5	GRI list of resources	5,171			
GRI	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			
Getty	15	Vocabs: CDWA (cataloging rules for art)	1,143	cabularies		

Patricia Harpring

Users of the Getty Vocabularies

Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Jan 2020	5,838	23,282	7,079,022	7,258,638	158-21 GB
Feb 2020	4,832	70,284	3,485,623	3,662,727	98.46 GB
Mar 2020	5,850	76,705	3,807,539	3,965,035	76.42 GB
Apr 2020	5,870	48,994	4,220,451	4,395,790	98.85 GB
May 2020	5,506	61,111	8,432,795	8,623,338	123.66 GB
Jun 2020	4,946	83,586	7,926,110	8,072,675	127.28 GB
Jul 2020	6,409	50,648	6,408,614	6,555,148	161.38 GB
Aug 2020	5,077	55,552	5,938,987	6,065,860	117.42 GB
Sep 2020	0	0	0	0	0
Oct 2020	0	0	0	0	0
Nov 2020	0	0	0	0	0
Dec 2020	0	0	0	0	0
Total	44,328	470,162	47,299,141	48,599,211	961.69 GB
*Not includin	g robots, worn	ns, or replies wit	th special http a	address	

- Data release files also have high numbers of users
- · Relational Tables, XML, APIs
- Example illustrates LOD with very high use for one month
- · AAT is also available at satellite sites in Germany, Taiwan, Chile, the Netherlands
- · Vocabularies are available in various vendor systems

Euromed 2020: Getty Vocabulari





Getty Vocabularies: The Future

- Continued contributions focusing on our core mission
- Multilingual, multicultural, inclusive, Ancient Worlds Now
- Make public criteria for contributions, targeted vs opportunistic
- Establish clear guidelines, more pre-processing by contributors
- Methods to aid contributors, training, tools (e.g., OpenRefine, workshops, tutorials)
- Co-referencing of overlapping, similar resources; multiple IDs
- Publication is Open and Free of charge (LOD, and all formats);
 relational tables and XML may be discontinued
- Formats for export and integration in other resources
 - Advanced and useful to emerging technology
 - Hope to not exclude users who are not wealthy, elite technical support

