Table of Contents

- Preface ... 3
- What Are Getty Vocabularies ... 7
- Background for Contributions ... 27
- How to Contribute ... 44
- Contributing to AAT ... 59
  - Scope of AAT ... 62
  - Required Fields ... 69
  - Sources ... 93
- Contributing to ULAN ... 105
  - Scope of ULAN ... 108
  - Required Fields ... 113
  - Sources ... 130
- Contributing to TGN ... 134
  - Scope of TGN ... 137
  - Required Fields ... 142
  - Sources ... 155
- Contributing to CONA ... 161
  - Scope of CONA ... 164
  - Required Fields ... 168
  - Sources ... 193
- Contributing to IA ... 197
  - Scope of IA ... 200
  - Required Fields ... 204
  - Sources ... 217
- Exercise ... 224
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.

Why contribute?

The Getty Vocabularies are recognized as premier resources for indexing and retrieving information about art, architecture, and related disciplines such as art conservation. They contain coreferences and cross references to other resources where topics overlap; however, the Getty Vocabularies are unique in their global coverage of the defined domain, in citing published sources and contributors, in allowing interconnections among historical and current information, in accommodating the sometimes debated and ambiguous nature of art historical information, and in allowing complex relationships within and between Vocabularies. Although each Vocabulary requires a small set of minimum data, the data model allows for rich data that may be exploited for research and discovery. By contributing, institutions benefit from having their data incorporated in the greater whole of these standard Vocabularies, for their own use and for sharing with the broader community for linking, research, and discovery.
Preface

- This presentation is a brief overview of general issues surrounding contributions to the Getty Vocabularies.
- It includes examples of various issues surrounding contributions; it is not comprehensive.
- The complex and extensive rules and examples surrounding the fields are not included in this presentation.
- For extensive guidance concerning rules and issues, in a field-by-field discussion, see the online Getty Vocabulary Editorial Guidelines, which contain the detailed instruction for every field.

http://www.getty.edu/research/tools/vocabularies/guidelines/index.html
http://www.getty.edu/research/tools/vocabularies/contribute.html

- For general information about contributions and links to contribution schemas and forms, see the Contribute to the Getty Vocabularies page.
See *Introduction to Controlled Vocabularies* for full discussion of the general topic.

Patricia Harpring  
*Series edited by Murtha Baca*

This primer on the characteristics, scope, uses, and methods for building and maintaining controlled vocabularies for art and cultural materials explains how vocabularies should be integrated in cataloging systems; utilized for indexing and retrieval; and structured to group synonyms and arrange concepts into categories.
What Are Getty Vocabularies?
AAT, *Art & Architecture Thesaurus®* includes generic terms in several languages, relationships, sources, and scope notes for agents, 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, *Getty Thesaurus of Geographic Names®* includes names, relationships, and coordinates, with special focus on historical information for current cities, historical nations, empires, archaeological sites, lost settlements, and physical features as necessary for cataloging art; not GIS but may include coreferences to GIS and maps (e.g., *Diospolis, Acalán, Ottoman Empire, Mogao, Ch’ien-fu-tung, Ganges River, गंगा नदी*).

ULAN, *Union List of Artist Names®* includes names, relationships, notes, sources, and biographical information for artists, architects, firms, studios, repositories, patrons, and other individuals and corporate bodies, both named and anonymous; may include coreferences to other resources for same entity (e.g., *Mark Rothko, Cai Xiang, 蔡襄, Crevoles Master, Riza Abbasi, Altobelli & Molins, Rajaraja Museum*).

IA, *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; special focus on non-Western with coreferences to other resources including Iconclass for Western (e.g., *Viaggio dei Re Magi, Flood of Deucalion, French Revolution, Olouaipipilele, Xibalba, Niflheim, शिव, Shiva, Bouddha couché*).

CONA, *Cultural Objects Name Authority®* focuses on architecture, multiples, works depicted in other works, lost works; includes titles, artist attribution, creation dates, relationships, and location for works whether extant or destroyed (new contribution: 70,000 works from BWR) (e.g., *Chayasomesvara Temple, Hagia Sofia, Αγία Σοφία, The Lacemaker, La Dentellière, Merlettaia, Lion Throne Room, 神奈川沖浪, Great Wave, Die große Welle*).

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[Contributing to Getty Vocabularies](http://www.getty.edu/research/tools/vocabularies/index.html)
Compliant with national (NISO) and international (ISO) standards for thesaurus construction

They 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)

Features that allow the Getty Vocabularies to be used in cataloging, retrieval, and linking

- Each Getty Vocabulary record, each term, and other data are identified by unique numeric IDs (rather than relying solely on text matching)
- Many other fields are controlled by lookup lists
- The vocabularies are linked to each other
- The vocabularies share a core data structure
Thesaurus: A semantic network of unique concepts

Thesauri may be monolingual or multilingual

Thesauri may have the following three relationships:

- Equivalence Relationships
- Hierarchical Relationships
- Associative Relationships

**Hierarchical**

- Objects Facet
  - Furnishings and Equipment
  - Containers
  - <culinary containers>
  - <vessels for serving / consuming food>
  - rhyta

**Associative**

- stirrup cups
- coaching glasses
- hunting glasses

- sturzbechers
- Sturzbecher
- stortebekers

**Equivalence**

- rhyta
- rhyton
- rhytons
- rhea
- rheon
- rheons
- ritón

Getty Vocabularies Are Thesauri
**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](http://vocab.getty.edu/page/cona/700002851)  

Contributing to Getty Vocabularies
### 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  
  
**Location:** National Palace Museum (Taipei, Taipeh, Taiwan)  
  
**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….  

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[continued]
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 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.
For over four decades, Getty Vocabularies have been a linchpin in cataloging, retrieval, research, and discovery for art, architecture, diverse cultural works, archival materials, visual surrogates, and art conservation, by providing standards for the naming and identification of artists, artworks, place names, and art terminology.

The Vocabularies are in many ways unique among other terminology resources; for example, they accommodate debated and ambiguous information, and they provide complex relationships between themselves and other resources.

Over the years, Getty has improved the Vocabularies for the evolving requirements of traditional and new users, leading in content development and technology, while still ensuring that the Vocabularies remain accessible and useful to all tiers of core users.

See Diversity and Inclusion Issues
Features of Getty Vocabularies

- Getty Vocabularies are rich, structured, authoritative resources for the visual arts domain
- Built on contributions from the international community
- Compiled, curated, and distributed by the Getty
- In a global environment where we strive to be more open and equitable, while maintaining high standards for scholarship and research, Getty Vocabularies facilitate these goals for art history and related disciplines
- They contain terminology for art, architecture, decorative arts, other cultural objects, archival materials, visual surrogates, and conservation
- However, they are not simple 'value vocabularies' or lists of terms; due to rich contextual data, they are 'knowledge bases' in themselves
- Compiled, curated, and distributed by Getty, the Vocabularies grow through contributions from the expert user community, including institutions, consortia, and individuals
Benefits of Getty Vocabularies

- They comply with international standards
- They, in an increasingly data-driven society, function as the glue joining varied and separate resources, regardless of language or domain within visual arts
- They provide rich context as “knowledge bases” not serving only as simple “value vocabularies”
- They, through contextual data, would allow multiple views of the data (e.g., by language, by historical/current, by culture, etc.)
- They are non-authoritarian in application, yet provide default terms and coreferences
- They accommodate multiple opinions and the sometimes debated and ambiguous nature of art historical and multicultural information (e.g., dates on terms, extent may be “possibly”, etc.)
- They may provide a powerful conduit for inter-related, linked, and meaningful research, discovery, and understanding of the visual arts and their various histories
Benefits of Getty Vocabularies

- They are enriched with domain-specific semantic links, which can be queried with a high level of precision, thereby addressing ambitious questions about history and culture.
- They, in order to serve several critical audiences, are made available free of charge and without restrictions in online displays, with multiple iterations of the data (e.g., full to simple), and in multiple formats, including Linked Open Data (LOD).
- They work in collaboration with the international community of users and over 350 contributors.
- They have clearly defined boundaries of scope.
- They are committed to broaden and enrich coverage to become more multilingual, multicultural, inclusive (DEAI), and representative of the subjects and priorities of the GRI, the Getty, global art history.
Benefits of Getty Vocabularies

- They are subjects of Getty training and outreach to inform and assist the field in contributing to and application/use of the Vocabularies
- They are represented in broader realm of standards as Getty participates in ISO and other standards organizations
- They have high score in functional metrics for LOD KOS products and as 5-Star LOD data, serving as a controlled vocabulary, tree of knowledge, faceted framework, and knowledge base
- They are produced by a trusted cultural institution who has a commitment to users and the continuation of the Vocabularies may be expected into the future

from Marcia Zeng
How to Obtain and Use Getty Vocabularies

- Getty Vocabularies may be used and reused under the Open Data Commons Attribution License (ODC-By) 1.0.
- They are intended to support research and cataloging efforts.
- Getty Vocabularies are made available in online displays accessed via Web search interfaces.
- Click to see the search screens: AAT, TGN, ULAN, CONA, and IA.
- The Vocabulary data is also released in several formats:
  - AAT, TGN, and ULAN are available as as Linked Open Data and in XML, relational tables, and Web services APIs
  - CONA and IA are available via Web services
  - Please find more information at the Download Center
  - Also see the Getty Vocabularies SPARQL End Point and the Open Refine Reconciliation Service
Scope of Getty Vocabularies

- **Scope**: The domain of Getty Vocabularies is the visual arts. The scope of each Getty Vocabulary is clearly defined, including what is included and what is excluded.

Please click to read about Scope:
- Scope of AAT
- Scope of TGN
- Scope of ULAN
- Scope of CONA
- Scope of IA
Purpose of Getty Vocabularies

**Purpose:** Getty Vocabularies are used for several purposes:

- **Cataloging:** For some users, the Getty Vocabularies are utilized as data value standards at the point of documentation or cataloging, to promote consistency in assignment of a term or to provide options among multiple terms referencing the same concept. The Vocabularies provide preferred names/terms and synonyms for people, places, and things. They also provide structure and classification schemes that can aid in documentation.

- **Linking:** For other users, the Getty Vocabularies are used in linking, in order to reference the unique identifier of the Vocabulary record, or to otherwise reconcile their data.

- **Retrieval:** For other users, the Getty Vocabularies aid in retrieval and discovery, as search assistants to enhance end-user access to online resources. These users may utilize synonymous terms, broader/narrower contexts, and other rich contextual data in search assistants, in database retrieval systems, and more broadly in a linked environment. The Vocabularies are rich knowledge bases that contain dozens of fields of rich contextual data about each concept, and semantic networks that highlight links and paths between concepts.

- **Research tools:** For other users, the Getty Vocabularies are used as look-up resources, valuable because of the rich information and contextual knowledge that they contain.

- **Other:** Other uses may be as a target for enriching free-text descriptions of cultural objects; and as a pivot vocabulary for coreferencing (interlinking) other art vocabularies.
About AAT

Includes generic terms, dates, relationships, sources, and notes for work types, roles, materials, styles, cultures, techniques, and other concepts

Five Getty Vocabularies

Sample record

**AAT_ID:** 300011329

**Terms:**
- bas-reliefs (pref, en, fr)
- bas-relief (en, fr)
- low reliefs (en)
- bas-reliëfs (nl)
- travertino (es)
- bassorilievo (it)
- bajos relieves (es)
- travertin (fr)
- Flachreliefs (de)
- 浮雕 (雕塑)(zh; Chinese traditional)
- qiān fú diāo (Chinese (transliterated Hanyu Pinyin))
- qian fu diao (Chinese (transliterated Pinyin without tones))
- ch’ien fu tiao (Chinese (transliterated Wade-Giles))

**Hierarchical Relationships**

Objects Facet
- ... Visual and Verbal Communication
- ... Visual Works
- ...... <visual works by material or technique>
- ........ sculpture (visual works)
- .......... <sculpture by technique>
- ........... reliefs (sculptures)
- ............ bas-reliefs (sculpture)

**Associative Relationships**

produced by ...
- bas-relief (technique) [300053623]
distinguished from ...
- high reliefs (sculpture) [300184782]

**Scope Notes:**
- Refers to works executed in relatively shallow relief. (en)
- Beeldhouwwerken uitgevoerd in relatief laag reliëf. (nl)
- Úsese para obras ejecutadas en relieve relativamente superficial. (es)
- 指浮雕圖案較淺的作品。（zh)
- Bezeichnet eine Arbeit, die in relativ flachem Relief ausgeführt ist. (de)

**Contributors:** AS-Academia Sinica, CDBP-DIBAM, GCI, ICCD, IfM-SMB-PK, RKD, AAT-Ned, VP

**Sources:**

Contributing to Getty Vocabularies
About ULAN

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

Sample record

ULAN_ID: 500014514

Names:
Gaudí, Antoni (ca,es,en,fr,it)
Antoni Gaudí
Cornet, Antoni Gaudí
Cornet, Antonio Gaudí y Gaudí, Antoní
Gaudí i Cornet, Antonio
Gaudí Jornet, Antoni
Gaudí y Cornet, Antoni
Gaudí Jornet, Antoni
Gaudí, Antoni
Gaudi, Antonio
גאודי, אנטוניו (he)
安东尼·高迪 (zh)

Nationalities:
Spanish (pref)
Catalan

Roles:
artist (pref)
architect
landscape architect
furniture designer

Gender: male

Birth and Death Places:
Born: Reus (Tarragona province, Catalonia, Spain) (inhab place)
Died: Barcelona (Barcelona province, Catalonia, Spain) (inhab place)

Associative Relationships:
collaborated with .... Torres-García, Joaquín (Uruguayan painter and theorist, 1874-1949) 1903-1904 [500031259]
worked with … Martorell y Montells, Joan (Spanish architect, 1833-1906) [500072753]
student of .... Sala Cortes, Emilio (Spanish architect, active late 19th century) [500287019]

Contributors:
VP, JPGM, Avery, FRICK, WCI, Prov, GRLPSC, BHA, CCA

Sources:
About TGN

*Getty Thesaurus of Geographic Names®*

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**

Is a thesaurus, but through LOD **TGN may be linked to GIS and maps**

---

**Sample record**

**TGN_ID:** 300011329

**Names:**
- Siena (pref, en,it,de,nl,fr,es)
- Sienna (en, it)
- Sienne (fr)
- Σιένα (el)
- 锡耶纳 (zh)
- Сиена (ru)
- סienne (he)
- シエーナ (ja)
- Sienese (en,adj)
- Senae (historical, la)
- Saena Julia (historical, la)
- Sena (historical, Etruscan)

**Hierarchical Rels.** *(polyhierarchical)*

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

**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
- commune (administrative) since 1125
- cultural center
- university center
- world heritage site

**Loc:** 43.19.07 N (43.3180)

**Long:** 11.19.50 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


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*Contributing to Getty Vocabularies*
Sample record

**CONA ID:** 700000141

**Titles/Names:**
Hagia Sophia (en)
Ayasofya (tr)
Αγία Σοφία (el)
Agia Sofia
Haghia Sophia
Sainte-Sophie (fr)
Santa Sofía (es)
Sancta Sophia (la)
Sancta Sapientia (la)
Holy Wisdom (en)
Saint Sophia (en)
圣索菲亚大教堂 (zh)

**Catalog Level:** item

**Work Types:**
church (historical)
mosque (historical)
museum
basilica

**Classification:**
architecture

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

**Creator Display:**
Anthemios of Tralles (Byzantine, ca. 474-ca. 534) and Isidoros of Meletus, the Elder (Byzantine, active mid-6th century)

**Locations:**
Current: İstanbul (Turkey)
Address Note: 41.008548°N; 28.979938°E

**Mat & Tech:**
system bearing masonry, centralized plan; ashlar and brick; interior surfaces are sheathed with polychrome marble, porphyry, and mosaics

**Dimensions:**
central dome: diameter 31 meters (102 feet); height 56 meters (184 feet)

**Styles:**
Byzantine | Ottoman

**General Subject:**
architecture Type: isness
religion and mythology Extent: purpose

**Specific Subjects:**
Holy Wisdom (Christian allegory)

**Contributors:**
VP; BWR

**Sources:**
About IA

New resource that focuses on subjects and topics relevant to art, architecture, and related disciplines

Includes multilingual and multicultural proper names, relationships, and dates for iconographical narratives, religious or fictional characters, themes, historical events, and named literary works and performing arts

Sample record

IA_ID: 1000085

Names:
Avalokiteshvara (en)
Avalokiteśvara (en)
Avalokitesvara (en)
अवलोकितेश्वर (sa)
Spyan ras gzigs (Tibetan transliterated)

Contributors & sources

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…
Relationships in Vocabularies

- All Getty Vocabularies have the same Core Structure (as of Sept 2023)
- Getty Vocabularies are linked to each other
Background for Contributions
 Getty was trailblazer in committing resources to standards and vocabularies for art information in 1980s

TAU, Thesaurus Artis Universalis; CIHA, Comité international d'histoire de l'art

Getty engaged disparate communities (visual resources, museums, libraries, special coll., archives, some scholars) under Getty leadership to reach consensus (*AAT)

1. Cataloging practice
2. Vocabularies for cataloging, research & discovery, knowledge bases [classification model] [semantic structure]

*1970s, Williamstown, MA

1997

History

Art History Information Program (AHIP)

https://www.getty.edu/research/tools/vocabularies/
Over the years, Vocabs have changed with the requirements of our core community; need to remain relevant.

Getty partners with international visual arts information community.

Multilingual, multicultural, inclusive.

Staff: Small editorial staff, working small technical team at Getty and consultants.

Contributions: Rely upon > 350 contributors: institutions, consortia, scholarly projects, scholars.

History

International Terminology Working Group (ITWG)

https://www.getty.edu/research/tools/vocabularies/
History

25-year comparison 1997-2022

- **Steady growth:** in terms AAT, ULAN, and TGN, CONA, and IA
- **Global reach:** content, partners in contributions and users
- **Scope:** defined domain, with growth to be multicultural (non-Western) and multilingual; inclusivity
- **Core audience:** beyond visual resources, museums, special collections, but also art historians, conservation, archaeology, among other closely allied fields
- **Partners:** greatly enlarged number of contributors (23 vs 350) and users; e.g., VIAF
- **Free and open access:** LOD, search online, other releases
  Open Data Commons Attribution License (ODC-By) 1.0
- **Developers:** incorporation in search engines and collections management software, other applications; not abandoning credit and warrant, nor users without access to funds and technical support
- **Outreach:** from documentation for internal Getty to 100s of Web pages, participate in standards creation, workshops, and rules for cataloging art and creating vocabularies, *Introduction to Controlled Vocabularies*, *Multilingual Equivalency Work*
Meet the Getty Vocabulary Program (GVP)

- PhD or MA in Art History, or MLIS with strong Art History
- All are recognized experts in vocabulary creation
- Cross-trained on all Getty Vocabularies

Contact us: vocab@getty.edu
What do we do?

• Getty Research Institute
• Vocabs grow through contributions: We train contributors, process incoming contributions, 1000s per year
• Is data compliant with standards, within scope, correct? Updates published regularly by Getty Digital

• Contact us: vocab@getty.edu

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

Our Workflow

Patricia Harpring
Jonathan Ward
Robin Johnson
Antonio Beecroft
Our Workflow

Coordinating contributions

• Nurturing relationships with contributors
• Advising re. mapping their existing data to format for loading into our editorial system
• Advising re. translation methodology and content issues
• Meetings and online conversations
• Receiving contributions, preprocessing, transforming to XML, then contribution is loaded
• Outreach, workshops, individual training for users and contributors
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

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
Our Workflow

- Contributed records are merged as necessary
- i.e., if multiple contributors submit records for the same concept (AAT), person (ULAN), place (TGN), or object/work (CONA), the information is merged into one record, with contributors noted at certain key fields
Relationships and linking are built into and among 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

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

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
ULAN record is a merged, homogenous entity

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

Note: Venetian painter, during the first half of his life focused on decorations and church paintings; later became 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)
Guarde, Francesco (V)
Guardet, Francesco (V)
Gvardi, Franchesko (V)
Guardi, François (V)
Guardi, Francisco (V)

Attribution to contributor and source is maintained, but merged and unified, and various “preferred” data is flagged.
ULAN record is a merged, homogenous entity

Contributors
AVERY, BHA, GRISC, GRL, GRLPA, PROV, VP, WCI, WCP, WL

Sources
Avery Authority files (1963-)
Harald Szeemann papers, Finding Aid, GRI Special Collections (2011-)
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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 information, redundancy eliminated
Note links to other ULAN records, to AAT and TGN

Guardi, Francesco (Italian painter, 1712-1793)

Note: Venetian painter, during the first half of his life on decorations and church paintings; later became 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)
Guardet, Francesco (V)
Gvardi, Franchesko (V)
Guardi, François (V)
Guardi, Francisco (V)

Nationalities:
Italian (preferred)
Venetian

Roles:
artist (preferred)
painter
landscapist

Gender: male

Birth and Death Places:
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) [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]
Usage of the Vocab 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 vocabrs available at satellite sites and in vendor systems

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Usage of the Vocab data

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

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

- The Getty Vocabularies are compiled resources that grow through contributions from various Getty projects and outside institutions.
- Contributors to the Getty Vocabularies include museums, libraries, archives, special collections, visual resources collections, bibliographic and documentation projects, and large translation projects.
Who contributes to the Getty Vocabularies?

• Contributors generally represent institutions or consortia such as museums, archives, special collections, visual resource collections, large national or international translation or cataloging projects, or others who catalog art

• In rare exceptions, a contributor may be an individual scholar

• Institutions wishing to contribute to the vocabularies should send an email to the Getty Vocabulary Program (vocab@getty.edu), subject line: Contributions

• Include the name of your institution and the type and quantity of terms you wish to contribute

• Read about contributions here: http://www.getty.edu/research/tools/vocabularies/contribute.html
Full list of contributors

Please see the full list of over 300 contributors at this page

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

### Contributors to the Getty Vocabularies

The Getty vocabularies grow in large part through continued efforts and contributions from the expert user community. Below is a list of contributors to the Getty vocabularies. The list is extensible and subject to frequent updates.

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How to Contribute
Criteria for contributions

• See the Quick Reference Guide for Contributions
• Contributions must meet the following criteria:
  • must be submitted by an authorized contributor
  • must be within scope of the vocabulary
  • must include the minimum information *
  • must be submitted in the prescribed format

• By contributing data to the vocabulary, the contributor agrees to its contributed data becoming a permanent part of the vocabulary, which is licensed in various formats and made available, including as Linked Open Data

• Contributors agree to conditions in a click-through Data Contribution and License Agreement

  * Note that there are default values for required fields and flags, used when the source database has no corresponding data for the element; see online Guidelines and XML contribution schema instructions
Data Contribution and License Agreement

This data contribution and license agreement (the “Agreement”) is made and entered into as of the date of its online submission, by and between the J. Paul Getty Trust, a California charitable trust, with its principal place of business at 1200 Getty Center Drive, Los Angeles, California, 90049 (“Getty”), and you (“Contributing Institution”).

WHEREAS, the Getty Research Institute, a program of the Getty, has developed and makes freely available to the public a set of computer reference databases that includes the Union List of Artist Names®, Art & Architecture Thesaurus®, Getty Thesaurus of Geographic Names®, Cultural Objects Name Authority®, and Getty Iconography Authority™ (“Vocabularies”), which are compilations of data from various sources, supplemented and updated based on new contributions of data; and

WHEREAS, the Contributing Institution is developing or has developed data within the scope of the Vocabularies (“CI Data”), and the Contributing Institution wishes to contribute such CI Data to the Vocabularies.

NOW THEREFORE, the parties agree as follows:

1. The Contributing Institution agrees to supply CI Data in the format indicated in the Getty Vocabularies XML Schemas for Contributions, or such other format as agreed upon with the Getty.

2. To the extent copyright exists in CI Data, the Contributing Institution grants to the Getty a perpetual, royalty-free, sub-licensable license to reproduce, make derivative works from, distribute, publish, display, and/or perform CI Data for the purposes stated herein. The Getty shall hold the copyright in the Vocabularies as compilations.

3. The Contributing Institution acknowledges and agrees that Vocabularies are offered to users under open license terms. The Getty currently uses the Open Data Commons Attribution 1.0 License but reserves the right to change the license at any time.

4. The Getty agrees to incorporate appropriate CI Data into the merged format of the Vocabularies, and to cite the Contributing Institution as the source for incorporated names or terms contributed by the Contributing Institution.

5. The Getty maintains final editorial control over the Vocabularies and reserves the right to refuse CI Data if the Getty, in its sole discretion, determines that such CI Data does not follow the guidelines and format indicated in the Vocabularies Editorial Guidelines, or is outside the scope of, or otherwise inappropriate for, the Vocabularies.

6. The Getty is under no obligation to maintain the Vocabularies and may discontinue them at any time.

7. The Contributing Institution warrants (i) that the CI Data is within the scope of the Vocabularies, and (ii) that the CI Data does not infringe any personal or proprietary rights or any statutory copyright and is not offensive or defamatory. The Contributing Institution will indemnify and hold harmless the Getty against any and all allegations, claims, and causes of action (whether threatened or pending), costs, fees, and expenses (including reasonable attorney fees), losses, damages, judgments, and liabilities arising from or relating to a breach of the foregoing warranties.
Scope of acceptable contributions

• Contributions must lie within scope for the vocabulary
  • To learn about the scope of each vocabulary, please read About AAT, About TGN, About ULAN, About IA, and About CONA

Contributions must comply with the Editorial Guidelines

• **Controlled fields:** must contain values from supplied lists or linked vocabulary
• **Free-text fields:** Use Unicode. Do not use special characters.
• Do not use formatting, such as line returns, indentations, bold, or italics. Rather than italics, use quotes to distinguish references to other terms or titles in the text
• Legacy data and characters outside Unicode (e.g., *eszett* as distinct from *double-s*) are represented with codes for diacritics, see Appendix A: Diacritics
• Data must be entered in the appropriate field.
  • For example, do not include qualifiers, parentheses, or other data in the Name/Term field; only the value for the name/term should be entered in that field
Turnaround of contributions

- The turnaround time for contributions is dependent upon various factors, including how closely the contributor has followed the editorial guidelines and the status of editorial priorities and technical support available at the Getty during a given period.

- In general, individual contributions entered via the online Web form in a given month will appear when the Web data is refreshed two months later.

- The turnaround time for large bulk contributions varies, and will be discussed individually with the contributor.

- If the large contribution is supplied in the prescribed XML format, if all required data is included, and if the contributor has closely followed our editorial rules and consulted with us throughout the process, turnaround time will be much faster than if the Vocabulary Program must edit the incoming records to meet prescribed criteria.

- A list of records that have been loaded but not yet edited and published is available for contributors via the online contribution site.
Releasing the Vocabulary data

- The AAT, TGN, ULAN, CONA and IA are refreshed every month
- [http://www.getty.edu/research/tools/vocabularies/index.html](http://www.getty.edu/research/tools/vocabularies/index.html)
- As of this writing, AAT, TGN, and ULAN are available under the Open Data Commons Attribution License (ODC-By) 1.0
  - Data is available for searching online
  - Data is also available via Web services, XML and relational tables
    - [may be discontinued eventually]
  - Data is also available as JSON, RDF, N3/Turtle, and N-Triples
    - Visit the Sparql end point to get the data or subset of data that you need
      - [http://vocab.getty.edu/](http://vocab.getty.edu/)
  - For more information about release formats, see [Obtain the Getty Vocabularies](#)
How to Contribute

• **Standard spreadsheets**

• Contribution via spreadsheet is currently our preferred method of contribution

• Contributors may send data in spreadsheets where each column is a field and each row is a conceptual record (i.e., each row contains information for one Getty Vocabulary concept)

• Contributed data will be parsed into our prescribed [Getty Vocabulary Contribution Spreadsheets](XLSX, 43.2 KB, 7pp)

• The standard spreadsheet contains the full set of columns available for contributing rich data

• But only a small subset of fields is **required**. See a list of the required fields at [Minimum Required Information](#)

• Further discussion of required fields and appropriate content are available in the [Editorial Guidelines](#)

• Please contact us at [vocab@getty.edu](mailto:vocab@getty.edu) with questions

• Signing the [Contribution Agreement](#) is required
Contribute

• **Standard spreadsheets** *(example for AAT)*

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</tbody>
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Contribute

• Online contribution form
  • Small or sporadic contributions to AAT, TGN, and ULAN may be made via the online Web form
  • User ID and password will be issued for your project
  • To receive a login, write to vocab@getty.edu
  • The Contribution Agreement is click-through when you use the form; no separate agreement is necessary

• XML contribution format
  • Batch loads are accepted in increments of 1,000 or more records; smaller contributions should use spreadsheets or the online contribution form
  • Signing the Contribution Agreement is required
  • Contributions for AAT, TGN, ULAN, and CONA may be accepted via batch loads in our prescribed Getty Vocabulary XML Schemas for Contributions
  • Schemas for AAT, TGN, and ULAN and CONA are available in zipped files linked from www.getty.edu/research/tools/vocabularies/contribute.html
  • Schema for the IA is not yet available, although data may be submitted in spreadsheets
In Online Form, click on field names to access instructions for that field.
- The required fields are marked with red asterisk.
- Lists for controlled values are supplied in the form (e.g., "role" for a ULAN entry).
- For questions, write to vocab@getty.edu.
**Contribute**

**XML: Mapping your data to the Getty Vocabularies**

What is XML? "Extensible Markup Language" was developed by the World Wide Web Consortium (WC3)

- to provide rules for a structure and semantics for information exchange
- that would allow information to be encoded in a way that computers could understand and humans could read

**Uses tags in a structure to identify the data**

- The online documentation explains the format and rules
- Some rules are embedded in the schema

*Note that there are default values for required fields and flags, used when the source database has no corresponding data for the element; see online Guidelines and XML contribution schema instructions*
Contribute
XML: Mapping your data to the Getty Vocabularies

- Example of Display Biography “Czech painter, 1905-1986”

```xml
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    <Biography_ID>-1</Biography_ID>
    <Biography_Text>Czech painter, 1905-1986</Biography_Text>
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</Biographies>
```
- <xs:restriction base="xs:string">
  <xs:enumeration value="1000/related to"/>
  <xs:enumeration value="1001/miscellaneous"/>
  <xs:enumeration value="1003/associated with"/>
  <xs:enumeration value="1005/possibly identified with"/>
  <xs:enumeration value="1007/distinguished from"/>
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  <xs:enumeration value="1112/master was"/>
  <xs:enumeration value="1113/fellow student of"/>
</xs:restriction>
Contribute
Open Refine is available to help prepare your data

*Wrangling messy data and reconciling to Getty Vocabularies’ as controlled values:*
To link your contributed data to the controlled values from Getty Vocabularies (e.g., Birth Place in a ULAN contribution is linked to TGN), you may edit and reconcile using the OpenRefine reconciliation service

**Begin on this page:**
[https://www.getty.edu/research/tools/vocabularies/obtain/openrefine.html](https://www.getty.edu/research/tools/vocabularies/obtain/openrefine.html)

**Learn using the Tutorial:**
[https://www.getty.edu/research/tools/vocabularies/obtain/getty_vocabularies_openrefine_tutorial.pdf](https://www.getty.edu/research/tools/vocabularies/obtain/getty_vocabularies_openrefine_tutorial.pdf)

**More training for OpenRefine and Reconciliation, for both beginners and advanced users:**
[https://www.getty.edu/research/tools/vocabularies/g_garcia_openrefine_workshop_itwg2020.pdf](https://www.getty.edu/research/tools/vocabularies/g_garcia_openrefine_workshop_itwg2020.pdf)
Contribute

Open Refine is available to help prepare your data

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Contributing to AAT
The following slides include only a brief overview of contributing to the AAT

- For full editorial instruction, see the AAT Editorial Guidelines [www.getty.edu/research/tools/vocabularies/guidelines/index.html#aat](www.getty.edu/research/tools/vocabularies/guidelines/index.html#aat)
- For an overview presentation on the AAT data, see AAT: Introduction and Overview [www.getty.edu/research/tools/vocabularies/aat_in_depth.pdf](www.getty.edu/research/tools/vocabularies/aat_in_depth.pdf)
- To search for AAT terms online, see Art & Architecture Thesaurus® Online [www.getty.edu/research/tools/vocabularies/aat/index.html](www.getty.edu/research/tools/vocabularies/aat/index.html)
- For guidance on translating the AAT, see AAT: Contributing Large Translations [www.getty.edu/research/tools/vocabularies/guidelines/aat_4_4_appendix_d_contributors.html#4_4_2](www.getty.edu/research/tools/vocabularies/guidelines/aat_4_4_appendix_d_contributors.html#4_4_2) and a briefer presentation, Translating the Art & Architecture Thesaurus [www.getty.edu/research/tools/vocabularies/multilingual_vocabs.pdf](www.getty.edu/research/tools/vocabularies/multilingual_vocabs.pdf)
- For terminology for diverse and inclusive topics, see Diversity and Inclusion [https://www.getty.edu/research/tools/vocabularies/Vocabs_unbiased_terminology.pdf](https://www.getty.edu/research/tools/vocabularies/Vocabs_unbiased_terminology.pdf)
AAT contribution: First steps

• Communicate with the Getty Vocabulary Program (vocab@getty.edu) regarding the number of terms and topics to be covered by your contribution

• Are you supplying variant terms or translations for existing AAT records? Or are you creating entirely new AAT records?

• Arrange for the proper staff and resource materials for your project

• For each new term, determine that the proposed new AAT concept
  • is not already in AAT and
  • is within scope of AAT

• Be prepared to supply data for all required fields, adhering to the AAT Editorial Guidelines (online)

• Or does your project wish to supply a translation of the AAT? See instead AAT: Contributing Large Translations
**AAT, Art & Architecture Thesaurus®** includes generic terms in several languages, relationships, sources, and scope notes for work types, roles, materials, styles, cultures, and techniques (477,898 terms) (e.g., *amphora, literati (painters), oil paint, olieverf, peintures à l'huile, acetolysis, 玉器, Jadekünste, sintering, orthographic drawings, Olmeca, Rinascimento, Buddhism, emakimono, watercolors, asa-no-ha-toji*)

- Facets are the upper levels of the AAT structure
- AAT is not organized by subject matter or discipline
Scope of AAT

- **Scope of AAT** AAT includes generic terms, and associated dates, relationships, and other information about concepts related to or required to catalog, discover, and retrieve information about art, architecture, and other visual cultural heritage, including related disciplines dealing with visual works, such as archaeology and conservation, where the works are of the type collected by art museums and repositories for visual cultural heritage, or that are architecture. It is our goal to be ever more inclusive of various cultures and their visual works. Also, in recognition of diverse collections found in art museums, the AAT contains terminology to describe objects and associated activities that are ceremonial or utilitarian in nature, but are not necessarily labeled as art according to traditional Western aesthetics.

- The AAT is used for work types, roles, materials, styles, cultures, techniques, subject, and other fields in a work record, so long as terms fit into established AAT facets.

- **What is excluded in AAT?** In general, terminology from domains other than visual arts is excluded from AAT, except to the extent that such terminology is necessary to catalog or discover information about visual works, including new media art, conceptual art, and performance art (as distinct from the performing arts).

- Excluded are proper names and iconographical subjects for the domain of art and architecture, but which are included in the other Getty Vocabularies: examples are names of people (ULAN), geographic names (TGN), titles of works of art (CONA), or iconographical topics (IA). Also excluded from AAT are unbound compound terms, which combine words from distinct hierarchies; for example, *Baroque cathedral* is an unbound compound term combining terms for a style and for a work type. Excluded are phrases or words that do not have literary warrant, organizational warrant, or user warrant. Overall, records that lack the minimal information for an AAT record are excluded; see [guidelines for contributions](#) for more information regarding minimum contribution requirements.
**Scope of AAT**

- AAT is a thesaurus, compliant with ISO and NISO standards for thesaurus construction
- Scope of the AAT is from prehistory to the present
- No geographic limitations
- Terms for concepts, activities, and objects
  - from scholarly literature and cataloging
  - for art, architecture, decorative arts, archaeology, material culture, art conservation, archival materials, or related topics
- Must fit into the hierarchies already established in the AAT
- Concepts identified by terms excluding proper names
- thus contains generic concepts (as opposed to proper nouns or names)
- AAT is multicultural and multilingual; several full translations have been done or are underway
Scope of AAT

**Outside scope of AAT**

- Geographic names (TGN)
- Personal names (ULAN)
- Corporate body names (ULAN)
- Iconographic themes, named literature, named events, fictional and religious characters (IA, Iconography Authority)
- Titles of individual works of art or names of buildings (CONA)

**Organization by culture or discipline is outside scope of AAT**

- AAT is a generic thesaurus (e.g., you cannot find all terms used for *art conservation* or all terms used for *Chinese art* in one hierarchy of the AAT); terms are spread throughout

- Long descriptive phrases or headings, which are not terms, are outside the scope of AAT
Terms:

- steel engravings (pref, en-P,PN) [1000041363] Contrib. [VP,BHA] Sources. *
  Gascoigne 1986, Lucie-Smith 1986, Brit 2000- *
  Qualifier: visual works
  Date: from 1792
  Start: 1792 End: 9999

- Steel engraving (en, SN) [1000895990] Contrib. [VP,BHA] Sources. *
  Qualifier: visual work
  Engravings on steel (en) (Hist) [1000304335] Contrib. [CHIN] Sources. *
  gravures sur acier (fr-N, PFN) [1000049348] Contrib. [Morem] Sources. *
  steel engraving (en) (Hist) [1000482814] Contrib. [RKD-AAT ned] Sources. *
  gäng bān kè yìn (zh-Latn-pny-P) [1000551901] Contrib. [AS] Sources. *
  鋼版刻印 (zh_TW-P) [1000551903] Contrib. [AS] Sources. *
  gravuras em metal (pt-P) [1000884616] Contrib. [CVAA-BR] Sources. *

- steel engraving (accel 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)
  .......... <prints by process or technique> (G)
  ........... <prints by process: transfer method> (G)
  ............ intaglio prints (G)
  ............ engravings (prints) (G)
  .......... ... steel engravings (visual works) (G)

Sample record (partial)

Terms (cont):

- grabados al acero (es-N) [1000429838] Contrib. [CDBP-SNPC] Sources. *

Stahlstiche (de-N) [1000655952] Contrib. [IfM-SMB-PK] Sources. *

Associative Relationships

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

... siderographs [300389774] Date: from early 1800s
  Start: 1800 End: 9999

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) 以鋼版刻印程序製成的版畫

Dutch Gravures waarbij de afbeelding is gesneden in een stalen plaat.

German Druck, der im Verfahren des Stahlstichs hergestellt wurde.

Spanish Estampas realizadas mediante el proceso de grabado en acero...

Contributors: VP,BHA,CHIN,AS,RKD,IfM-SMB-PK,CDPB-DIBAM

Sources: Griffiths, Prints (1996);
Hunnisett, Steel-Engraved (2020);
Koschatzky, Die Kunst der Graphik (1988);
Thes.Graph.Mat. tgm010117; Lucie-Smith, Thames & Hudson Dictionary of Art Terms (1986); Newman, Innovative Printmaking (1997)
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

- Getty Conservation Institute (Los Angeles, California)
- Morem, Missouri Remembers consortium (St. Louis, Missouri)
- BHA (Bibliography of the History of Art)
- Academia Sinica (Nankang, Taiwan)
- Netherlands Institute for Art History (RKD: Bureau AAT) (The Hague, The Netherlands)
- CHIN (Canadian Heritage Information Network)
- Staatliche Museen zu Berlin Preussischer Kulturbesitz (Berlin, Germany)
- Centro de Documentación de Bienes Patrimoniales (Dirección de Bibliotecas, Archivos y Museos) (Santiago, Chile)

Contributors are cited
• Indention: broader/narrower (genus/species)
• Sub-facets (called “hierarchies”) establish the context of the term
• Guide terms in angled brackets
• Qualifiers display in parentheses

Concept

steel engravings (visual works)
Required Fields for AAT

- preferred term
- required if applicable, variant terms
  (alternate descriptors, UFds)
- hierarchical position
- scope note
- sources for the terms and scope note

* Note that there are default values for required fields and flags, used when the source database has no corresponding data for the element; see online Guidelines and XML contribution schema instructions
# List of Fields for AAT

### 3.1 HIERARCHICAL RELATIONSHIPS
- **3.1.1 Parents** *(required)*
- **3.1.2 Sort Order*
- **3.1.3 Historical Flag: Current or Historical parents and other flags*
- **3.1.4 Dates for relationship to parents*
- **3.1.5 Parent String*
- **3.1.6 Facet or Hierarchy Code*

### 3.2 IDENTIFYING NUMBERS, STATUS FLAGS, AND SUBJECT SOURCES
- **3.2.1 Subject ID** *(required-default)*
- **3.2.2 Parent Key** *(required)*
- **3.2.3 Merged Status** *(required-default)*
- **3.2.4 Published Status** *(required-default)*
- **3.2.5 Review Status** *(required-default)*
- **3.2.6 Record Type** *(required-default)*
- **3.2.7 Candidate Status** *(required-default)*
- **3.2.8 Label** *(required-default)*
- **3.2.9 Contributors for the Subject Record** *(required)*
- **3.2.10 Sources for the Subject Record** *(required)*

### 3.3 TERMS
- **3.3.1 Term ID** *(required-default)*
- **3.3.2 Term** *(required)*
- **3.3.3 Preferred Flag** *(required-default)*
- **3.3.4 Qualifier*
- **3.3.5 Sequence Number** *(required-default)*
- **3.3.6 Historical Flag** *(required-default)*
- **3.3.7 Term Type** *(required-default)*
- **3.3.8 Vernacular Flag** *(required-default)*
- **3.3.9 Language for Terms*
- **3.3.10 Preferred Flag for Language*
- **3.3.11 Contributor for Term** *(required-default)*
- **3.3.12 Preferred Flag for Contributor** *(required-default)*
- **3.3.13 Sources for Terms** *(required)*
- **3.3.14 Page Number for Term Source** *(required)*
- **3.3.15 Preferred Flag for Source** *(required-default)*
- **3.3.16 Dates for Terms*
- **3.3.17 Display Term Flag** *(required-default)*
- **3.3.18 AACR Flag (LC heading)*
- **3.3.19 Other Flags*
- **3.3.20 Assigned To*

---

**Editorial guidelines at**
[www.getty.edu/research/tools/vocabularies/guidelines/index.html#aat](http://www.getty.edu/research/tools/vocabularies/guidelines/index.html#aat)

**Contribution formats are available from links on this page**
[www.getty.edu/research/tools/vocabularies/contribute.html](http://www.getty.edu/research/tools/vocabularies/contribute.html)
List of Fields for AAT

3.4 SCOPE NOTE
  3.4.1 Scope Note
  3.4.2 Sources for the Scope Note
  3.4.3 Contributor for the Scope Note

3.5 ASSOCIATIVE RELATIONSHIPS
  3.5.1 Related Concepts
  3.5.2 Relationship Type
  3.5.3 Historical Flag
  3.5.4 Dates for Related Concepts
Topics re. AAT Terms: covered in online documentation

www.getty.edu/research/tools/vocabularies/guidelines/aat_3_3_terms_names.html#3_3_2

Values
Sources
Discussion
...Descriptors and preferred term
...Compound terms
...Precoordinated and postcoordinated terms
Rules
Minimum requirements
Alphabet and diacritics
Capitalization
Punctuation
Single-word vs. multiword terms
...When to create a compound term
...When to avoid making a compound term
..."Modified descriptors" created by end users
...Application protocol for modified descriptors
Facet and hierarchy names
Preferred term
Non-Preferred terms
...Descriptors
...Alternate Descriptors
...Used For terms
Spelling variants
Lexical variants
Synonyms

Abbreviations
Brand names
Singular vs. plural
Only one term per field
Homographs
Guide terms and node labels
Language of the terms
...Loan terms
TRANSLATIONS of AAT terms
...Translations should be true synonyms
Possessives
Natural order and inverted terms
Initial articles
Historical terms
Neologisms
Slang and jargon
Pejorative terms
Popular and scientific terms
...For Living Organisms
Misspellings
Constructed terms
Language
Order of the terms
Editing contributed terms
AAT Terms

- **Definition:** A word or words used to refer to a definable, unique concept

- Excludes proper names; refers to generic concepts

- Terms for any concept may include the plural form of the term, singular form, natural order, inverted order, spelling variants, scientific and common forms, various forms of speech, and synonyms that have various etymological roots

<table>
<thead>
<tr>
<th>Columns</th>
<th>Stained glass (visual works)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caisson piles</td>
<td>Stained glass (material)</td>
</tr>
<tr>
<td>Acid-free paper</td>
<td>Travertine</td>
</tr>
<tr>
<td>Piles, caisson</td>
<td>Orthogonal plan</td>
</tr>
<tr>
<td>Cathedrals</td>
<td>Orthographic drawings</td>
</tr>
<tr>
<td>Cathedral ceilings</td>
<td>Artists</td>
</tr>
<tr>
<td>Flying buttresses</td>
<td>Painters</td>
</tr>
<tr>
<td>Retouch varnish</td>
<td>Artists' colormen</td>
</tr>
<tr>
<td>Drafting equipment</td>
<td>Acrylic paint</td>
</tr>
<tr>
<td>Early Renaissance</td>
<td>Buddhism</td>
</tr>
<tr>
<td>Macedonian</td>
<td>&lt;British Renaissance-Baroque styles&gt;</td>
</tr>
</tbody>
</table>
Fields associated with AAT terms

- Example of AAT terms and related fields
- Each term has a persistent, unique term_ID
- Unique ID for concept record is called “subject_ID”
- Languages, sources, and much other information are also identified with unique IDs
- Historical flag: H or C
- “AACR2” = LOC preferred Yes
- Other Flags (see Guidelines)
- Dates for terms

for AAT ID 300015638
Required AAT terms

- It is required to record at least one term -- the record-preferred term, which is the word or phrase used most often in scholarly literature to refer to the concept
- Excluded are proper names of persons, organizations, geographic places, named subjects, and named events
- Include Alternate Descriptors where required (e.g., singular and plural nouns for Objects)

Warrant for terms

- For a source to be considered valid warrant, the spelling, meaning, and usage of the term must be the same in the source as intended in the AAT
- The descriptor must be found in at least three authoritative, published sources
- All other terms, including alternate descriptors or used for terms, must be found in at least one authoritative source
- List as many synonymous terms or translated terms as have at least one legitimate source or have been contributed by an authorized translation project
- Include references to Library of Congress Authorities, other pertinent authorities

still lifes........... [CDBP-DIBAM, GCI Preferred, VP Preferred]
........................ AATA database (2002- ) 129251 checked 26 January 2012
........................ Eisler, Seeing Hand (1975)
........................ Library of Congress Authorities online (2002- ) Thes for
........................ graphic mats: TGM II, Genre & phys char
........................ Mayer, Dictionary of Art Terms and Techniques (1992) 379
........................ Sterling, Still Life Painting (1959) 9
........................ Tesaur de Arte & Arquitectura (2000- )
........................ Webster's Third New International Dictionary (1993)
........................ Zinkham and Parker, Descriptive Terms for Graphic
........................ Materials (1986)
still life........... [VP]
........................ RIIA, Subject Headings (1975-1990)
**AAT Synonymity**

- The Term in AAT is analogous to the Name in ULAN, TGN, and IA, and the title in CONA
- Note that the term must stand for a unique, definable concept
- The term must be used or described in the source in the same way as intended in the AAT in order for that source to be valid

**All terms must be exact synonyms**

- All terms in the record must be exact synonyms, interchangeable in describing the concept
- Plus historical terms, other languages, and parts of speech
- If the same spelling of a term has different meaning, create second record for second concept; use qualifiers for both homographs
- If term B (presumptive Used For) does not have exactly same meaning as term A (Descriptor), make a separate record for term B
- May have Display Dates, containing implication of date or other information; must have Start and End Dates for usage of term

---

**Ancestral Puebloan** *(preferred, C,U,English-P,D,U,A) .......... preferred by Native Americans, and in most common usage*

- **Ancestral Pueblo** *(C,U,English,UF,U,U)*
- **Moki** *(Ancestral Puebloan)* *(C,U,English,UF,U,U)*
- **Moqui** *(Ancestral Puebloan)* *(C,U,English,UF,U,U)*

**Basketmaker-Pueblo** *(C,U,English,UF,U,U)*

- **Hisatsinom** *(C,U,English,UF,U,U) (Hopi,UF,U,U)*
- **Oude Pueblo** *(C,U,Dutch-P,D,U,U)*
- **Pueblo Ancestral** *(C,U,Spanish-P,D,U,U)*
- **cultura Pueblo** *(C,U,Spanish,AD,U,U)*
- **Anasazi** *(C,U,Navaajo,UF,U,U)*
- **Anasazi** *(H,U,English,UF,U,U) .......... avoided in modern usage, non-preferred by contemporary Pueblo peoples*
A homograph is a term that is spelled like another term, but the meanings of the terms are different.

When adding a term, always check to see if there is a homograph for the term in the AAT.

If so, you are required to add qualifiers for both terms (or advise the Vocabulary Program).

It is also required to add qualifiers for terms that do not have homographs in the AAT, but for which there are homographs in common language.

In displays, qualifiers appear in parentheses with the term; in the data, qualifiers are recorded in a field separate from the term.

How to devise a qualifier? Qualifiers should be words taken from a parent term if possible.

Qualifiers should be the same part of speech as the term (e.g., for a term that is a noun, the qualifier should be a noun, not an adjective).
AAT Compound terms

- Multiword or *compound terms* in natural language are *lexemes*, bound together as lexical units.
- Dictionaries differ in their policies regarding the inclusion of compound terms, and thus they are not always authorities regarding what is and is not a compound term in the AAT.
- A compound term must express a single concept or unit of thought capable of being arranged in a genus-species relationship within the AAT hierarchy.

- Each AAT term represents a single concept:
  - Gothic
  - cathedral
  - stained glass
  - rose windows
  - flying buttresses
  - naves

- Each of the above terms represents a concept applicable to this church.

- *Gothic cathedral* is NOT a term; it comprises two terms *style* + *work type*.

Contributing to Getty Vocabularies
AAT Preferred terms

- The record-preferred term in each AAT record is always a "descriptor".
- There may be multiple descriptors in a record, one for each language represented, but there is only one record-preferred term.
- A record-preferred term is sometimes the only term in the record. The preferred term is the American English term used most often in standard general reference sources.
- Include any alternate descriptor. Additional used for terms for the concept should be included if warranted.
- Flag American and British English terms, if they differ.

Generally, terms in other languages are supplied by authorized translation projects.
Descriptors, alternate descriptors, used for

- **Rules** guiding descriptors and alternate descriptors vary by facet; see online guidelines
- **Descriptor**: The term used most commonly in authoritative sources to refer to the concept in the language; the rules for the form of the descriptor vary by facet / hierarchy
- **Alternate descriptor**: In AAT, terms derived from the descriptor, but having a different grammatical form than the descriptor
- **Used For terms**: Terms that are true synonyms for the descriptor, but are not derived from the descriptor

Descriptors, alternate descriptors, and used for terms:

- **Descriptor** = plural noun
- **Alternate descriptor** = singular noun
- **Variant spellings or other terms that are not directly based on Descriptor** are **Used For terms**

Each language may have descriptors, alternate descriptors and used for terms

- watermarks (preferred, C,U, English-P,D,U,PN)
- watermark (C,U, English, AD,U,SN)
- water marks (C,U, English, U,F,U,N)
- water mark (C,U, English, U,F,U,N)
- water-marks (C,U, English, U,F,U,N)
- water-mark (C,U, English, U,F,U,PN)
- filigrains (C,U, English, U,F,U,N)
- filigrain (C,U, English, U,F,U,N)
- 浮水印 (C,U, Chinese (traditional)-P,D,U,U)
- fú shuǐ yìn (C,U, Chinese (transliterated Han), U,F,U,U)
- watermerken (C,U, Dutch-P,D,U,PN)
- watermerk (C,U, Dutch, AD,U,SN)
- filigranes (C,U, French-P,D,U,PN)
- filigrane (C,U, Italian-P,D,U,PN)
- Wasserzeichen (C,U, German-P,D,U,B)
- filigrana (C,U, Italian, AD,U,SN)
- (Spanish, AD,U,SN)
- filigranas (C,U, Spanish-P,D,U,PN)
- papermarks (H,U, English, U,F,U,N) term used prior to ca. 1790

Contributing to Getty Vocabularies
Descriptors, alternate descriptors, used for

Examples:

For Processes and Techniques: Descriptors are in gerund or noun form according to need and usage (e.g., abrasion, tuning, tapestry); adjectival forms are provided as alternate descriptors where appropriate.

For Objects: Descriptors are plural nouns, with the singular form provided as an alternate descriptor where appropriate.

For Materials: Most descriptors are singular nouns, except where common usage warrants the plural form; where appropriate, the plural forms of singular descriptors are provided as alternate descriptors.

Etc., etc.

watermarks (preferred, descriptor, English-P)
watermark (alternate descriptor, English)

embroidering (preferred, descriptor , English-P)
embroidered (alternate descriptor , English)
Languages in AAT

- As in all of Getty Vocabularies, the language designation of the term does not necessarily designate the etymological derivation of the word.
- Language designation indicates which term is used in texts written in that language.
- Loan terms may be used.
- A single term may have multiple languages, because the term may be spelled the same in multiple languages.

Loan terms

- Terms borrowed from other languages that have become naturalized in American English:
  - *lits à la duchesse*
  - *mihrabs*
  - *pagodas*
  - *gongs*
  - *Schnitzaltars*

- One term may be both preferred English and preferred for another language (e.g., French).
- Plurals of loan terms may be anglicized with “s” (e.g., *violincellos*, *Schnitzaltars*), as dictated by published warrant.

Example

- *Sendom (The Protecting Lion); Mongolia; 19th century; Papier-mâché, polychrome, beads; Rubin Museum of Art C2006.47.1 (HAR 65680). http://rubinmuseu*

Contributing to Getty Vocabularies
AAT Hierarchical Relationships

**Definition:** The broader context(s) for the concept record; *parents* refer to Hierarchical Relationships, which are broader/narrower, reciprocal relationships between records.

Contributors should suggest hierarchical placement; Vocabulary Program editors will approve or adjust hierarchical placement.

The AAT is *polyhierarchical*, meaning that concepts can belong to more than one parent.

Hierarchical relationships referred to by genealogical terms: *child, children, siblings, parent, grandparent, ancestors, descendents*, etc.

G=Genus/Species (generic), P=Whole/Part (partitive), I=Instance

The relationship between parent and child is usually *genus/species* in the AAT; occasionally *instance* relationships exist.

Example:

*presentation albums* belongs to two parents; one parent is flagged *preferred*.

<table>
<thead>
<tr>
<th>Hierarchical Position:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Objects Facet</td>
</tr>
<tr>
<td>... Visual and Verbal Communication (hierarchy name) (G)</td>
</tr>
<tr>
<td>... Information Forms (hierarchy name) (G)</td>
</tr>
<tr>
<td>... Information forms (objects) (G)</td>
</tr>
<tr>
<td>... Information artifacts (G)</td>
</tr>
<tr>
<td>... &lt;information artifacts by physical form&gt; (G)</td>
</tr>
<tr>
<td>... books (G)</td>
</tr>
<tr>
<td>... &lt;books by internal form&gt; (G)</td>
</tr>
<tr>
<td>... albums (books) (G)</td>
</tr>
<tr>
<td>... presentation albums (G)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Parents:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Objects Facet</td>
</tr>
<tr>
<td>... Object Genres (hierarchy name) (G)</td>
</tr>
<tr>
<td>... object genres (object classifications) (G)</td>
</tr>
<tr>
<td>... &lt;object genres by function&gt; (G)</td>
</tr>
<tr>
<td>... presentation pieces (G)</td>
</tr>
<tr>
<td>... presentation albums (G)</td>
</tr>
</tbody>
</table>
AAT Hierarchical Relationships

- Siblings are usually ordered alphabetically; however, an order may be *forced* manually through sort order number (e.g., chronological order, if applicable)
- Hierarchical relationships may have dates

- The primary record types are *facets*, *subfacets* (called *hierarchies*), *guide terms* (display in angled brackets), and *concepts* (postable terms)
# Facets and “hierarchies” (subfacets) of the AAT

<table>
<thead>
<tr>
<th>ASSOCIATED CONCEPTS FACET</th>
<th>OBJECTS FACET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hierarchy: Associated Concepts</td>
<td>Hierarchies:</td>
</tr>
<tr>
<td></td>
<td>Object Groupings and Systems</td>
</tr>
<tr>
<td></td>
<td>Object Genres</td>
</tr>
<tr>
<td></td>
<td>Components</td>
</tr>
<tr>
<td></td>
<td>Built Environment: Settlements and</td>
</tr>
<tr>
<td></td>
<td>Landscapes, Built Complexes and</td>
</tr>
<tr>
<td></td>
<td>Districts, Single Built Works, Open</td>
</tr>
<tr>
<td></td>
<td>Spaces and Site Elements</td>
</tr>
<tr>
<td></td>
<td>Furnishings and Equipment:</td>
</tr>
<tr>
<td></td>
<td>Furnishings, Costume, Tools</td>
</tr>
<tr>
<td></td>
<td>and Equipment, Weapons and Ammunition, Measuring Devices, Containers, Sound Devices, Recreational Artifacts, Transportation Vehicles</td>
</tr>
<tr>
<td></td>
<td>Visual and Verbal Communication:</td>
</tr>
<tr>
<td></td>
<td>Visual Works, Exchange Media,</td>
</tr>
<tr>
<td></td>
<td>Information Forms</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICAL ATTRIBUTES FACET</td>
<td></td>
</tr>
<tr>
<td>Hierarchy: Attributes and Properties,</td>
<td></td>
</tr>
<tr>
<td>Conditions and Effects, Design</td>
<td></td>
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<tr>
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<td>STYLES AND PERIODS FACET</td>
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<td>Hierarchy: Styles and Periods</td>
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<td>AGENTS FACET</td>
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<td>Hierarchy: People, Organizations,</td>
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<td>Living Organisms</td>
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<td>Hierarchy: Disciplines, Functions,</td>
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<td>Events, Physical and Mental Activities,</td>
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<td>Processes and Techniques</td>
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<td>BRAND NAMES FACET</td>
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<tr>
<td>Hierarchy:</td>
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<td>Brand Names</td>
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AAT Scope Note

- **Definition:** A Note that describes how the term should be used within the context of the AAT, and provides descriptive information about the concept or expands upon information recorded in other fields. The Scope Note in AAT is analogous to the Descriptive Note in ULAN, TGN, CONA, and IA.

- The Descriptive Note or Scope Note clarifies the meaning and usage of a concept within the context of the AAT.

- A scope note differs from a definition in a dictionary or glossary in that, rather than providing all the possible meanings for a word, it identifies a single concept and explains its particular meaning in context.

- Scope Note is a repeatable field.

- There should always be a scope note in English, but there may be multiple scope notes in multiple languages.

- Each instance of the scope note has a contributor and at least one source.

- Do not plagiarize sources; paraphrase.

For full guidelines regarding the writing of scope notes, see Editorial Guidelines: Scope Notes, above.
A brief discussion of major points is included below.

www.getty.edu/research/tools/vocabularies/guidelines/aat_3_4_scope_note.html
www.getty.edu/research/tools/vocabularies/guidelines/aat_4_4_appendix_d_contributors.html#4_4_2_5_3_new_sn
Submitting a Scope Note

• When submitting new concepts to the AAT, the contributor should include a scope note in English; it will be likely be edited by VP.
• The scope note should be written from the point of view of the descriptor. Typically in the scope note, describe the concept with same part of speech as the descriptor. For example, if the descriptor is a plural noun, use plural nouns to describe it in the scope note.

`repareurs`
**SN:** Craftsmen who practice the art of reparure, which is the process of carving away and shaping the layered gesso covering the carved ornament on a wooden picture frame.

`marine glue`
**SN:** Glue insoluble in water, made from rubber or resin solution, or both.

• **Topics:** Write a note that outlines usage and meaning of the descriptor. Keep in mind that the note should also be applicable to all other terms in the record. Topics may include the following:
  - the usage of the descriptor, alternate descriptors, and used for terms in the record.
  - the meaning and context of the descriptor and other terms in the record.
  - distinguishing between terms that are in different records and have overlapping meanings or that may otherwise be confused by users.
  - These referenced terms should be linked through Associative Relationships.

`breezeways`
**SN:** Roofed passages connecting two parts of a house or a house and garage; common after 1930. Distinct from "dogtrots," which occur in folk architecture and log houses.
Submitting a Scope Note

- **Grammatical Rules:** Full rules are in online Guidelines; in brief, use complete sentences or dictionary-style syntax.
- Follow grammatical rules for standard English composition; for scope notes in other languages, use standard rules for the language.
- Avoid abbreviations.
- Use parentheses sparingly (commas usually suffice to set apart a statement).
- Do not use dashes to set apart a phrase.
- Use BCE and CE for references to dates in the scope note; do not use BC and AD.
- **Brevity:** SN should be brief and concise.
- It is intended to disambiguate, clarify usage, and touch upon the major relevant points of the concept; it is not a comprehensive encyclopedia entry.
  - A minimum scope note may be one or two lines of text.
  - As a general rule, do not write scope notes longer than 250 words (or 1500 characters with spaces).
- The scope note must be concise, clear, and include only essential information.
- Include only the most important and critical characteristics of the concept.
- State the differentiating characteristics precisely.

**papyrus (material)**
SN: A writing material prepared from thin strips of the pith of the papyrus plant laid together, soaked, pressed, and dried.

**lithography**
SN: Planographic printing process in which a design is deposited on the stone or plate with a greasy substance and the surface is chemically treated to accept ink only in the greasy areas.
Submitting a Scope Note

- **Avoid “Use for ...”:** Do not begin the scope note with the phrase "Use for ..."; this phrase was used in legacy AAT scope notes.
- **Avoid overly technical terminology:** Use relatively simple terminology that will be familiar to the end user.
- **Avoid negative statements:** Use affirmative statements when possible. Generally state what the concept is rather than what it is not, except where necessary for clarity.
- **Avoid circularity:** Do not define the concept by using a closely related term not.
- **Avoid tautology:** Do not define the term by a mere repetition of the term itself or simply paraphrasing the term.

**Usage: Separate concepts:** Do not include usages or meanings that more properly describe separate concepts; instead, make a separate record. Do not include general and specific meanings in same SN; legacy data with this problem will be fixed.

**Usages: Same concept:** If there are variations in meaning for a term and the term is correctly a single concept, describe the usages in the scope note; begin SN with overall or current meaning.

---

**Examples:**

- **colored paper**

  - Not “Paper that is colored.”
  - Yes “Non-white paper uniformly tinted with pigments or dye, usually during manufacture.”

- **chronometers**, valid expression of multiple usage

  “Certain types of precision time pieces. Originally referred to strongly built precision timekeeping devices especially designed for use on ships; now also used for extremely accurate wrist watches or pocket watches.”

- **history painters**

  - Not “Artists who produce history paintings.”
  - Yes “Artists who produce history paintings, which are multi-figure narrative scenes of real or legendary events.”
Submitting a Scope Note

- **Respect hierarchical placement:** Must agree with broader and narrower contexts; must in no way contradict the stated or implied meaning of broader concepts, as a *type of* its broader concepts.
- If the concept has children, SN must be true for all children of the concept, cannot exclude any of the narrower concepts.
- **Meaning of broader term:** Wording must agree with the syntax and meaning of its broader context; if the term has multiple parents, must work with alternate hierarchical positions.
- **Scope neither too general nor too specific:** Should explain characteristics that differentiate the concept from other concepts; but do not create an overly specific description in the scope note that does not apply universally to all examples of this concept. Do not describe one particular example of a concept.

**Uses:** Give an explanation of how the object or other concept is used; do not restrict the scope by being overly specific; cite specific as an example not stated as the limit of usage.

**Characteristics:** Describe the primary characteristics of the concept (It is characterized by ...). Do not be overly specific, for example use words such as “often” or “typically” to avoid inappropriate limitations.

| **fixative,** not too limiting or too specific |
| Not “A substance used to increase the durability or stability of pigment on paper or dye in textiles.” |
| Yes “A substance used to increase the durability or stability of another substance, such as pigment on paper or dye in textiles.” |

| **capstan tables,** under <tables by form>, describe the form |
| “Tables with a circular top that expands on an iron frame to allow eight extra leaves to be inserted. [...]” |
Related Concepts

• **Definition:** *Associative relationships* between one concept record to other concept records in the AAT. It includes various types of ties or connections between concepts, excluding genus/species (hierarchical) relationships. Related Concepts are also called *Related Terms (RT)* in the jargon of thesaurus construction.

• Only clear and direct relationships should be recorded

• Typically current, but occasionally may be historical

• Use appropriate **Relationship Type**

---

Consult the Guidelines for additional fields

Among the notable optional fields are Associative Relationships and Images
Optional

AAT Other fields

Images

- Persistent URLs recorded in the Media field
- Contributors are encouraged to provide persistent links to images for translated or new AAT concepts
- Use persistent links on museum sites, university sites, and other authoritative sources
- Avoid dot-com sites; an exception is Wikimedia, provided the image is noted as “public domain”
- Use images that represent the concept in a universal or general way; do not use images representing atypical reference to the concept
- Use images having captions that use the same term as described in the AAT record
AAT Sources

- **Literary warrant for terms**: Published evidence that the form, spelling, usage, and meaning of the term are widely agreed upon in authoritative sources
- Sources are required for all information in the AAT record
- Sources in the Getty Vocabularies are controlled by a source file, comprising a Brief Citation, Full Citation, and unique source_ID
- See online Guidelines for rules to formulate citations

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<tr>
<th>Source ID: 2000096263</th>
<th>Merged Status: Not Merged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brief Source: Bachman, Two Spheres: Design in Architecture (2012)</td>
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</tbody>
</table>
AAT Sources

- It is required to use published sources for all terms and scope notes in the AAT.
- If possible, the descriptor or alternate descriptor for a concept in any language should be found in at least three published, authoritative sources.
- Having three sources of warrant helps to assure that the descriptor is the term most widely used in the scholarly community.
- With the abundance of online books and articles, it is often possible to do the majority of research online.
- If published sources are scarce, as with terms that are neologisms, the opinion of a scholar or other expert may serve as one piece of warrant.
- Museum databases and authoritative online sources are acceptable.
- Prefer the most authoritative, up-to-date sources available.
- For terms, consult specialized sources that are appropriate for various sections of the AAT, preferably done in consultation with content experts.
Prefer the most authoritative, up-to-date sources available
Consult sources that are appropriate for various sections of the AAT, preferably chosen in consultation with content experts
For sources of Scope Notes, do not plagiarize
  ▫ Study one or more sources and paraphrase the material
  ▫ Do not guess or misrepresent the source information

Sources for the AAT may include the following:

Standard general reference sources
  major authoritative language dictionaries
  encyclopedia
  library authority headings
Other authoritative sources
  other authoritative thesauri and controlled vocabularies
textbooks (e.g., Gardner, Art through the Ages; Janson, History of Art)
Other resources covering pertinent topics
  books, journal articles, and newspaper articles
  archives, historical documents, and other original sources
Other sources
  databases of contributors
  articles or databases on museum or university Web sites
  written or oral opinions of scholars or other experts

Avoid Wikipedia and other crowd sourced resources, which are not consistently reliable nor considered scholarly
How to interpret AAT sources

- Books or articles, term may be in the title or in the running text
- Attribute the term exactly as used in the source
- E.g., “pilgrims’ badges” and “pilgrim badges” are two forms used in these sources

[HTML] Medieval pilgrims' badges in rivers: the curious history of a non-theory
J Lee - Journal of Art Historiography, 2014 - search.proquest.com
... the twelve pilgrim badges and two ampullae recovered at Trig Lane, only five were recovered from the foreshores, which suggests that the majority of previously discovered badges are ...

[PDF] Popular and precious: silver-gilt & silver pilgrim badges
S Blick - Peregrinations: Journal of Medieval Art and ..., 2005 - digital.kenyon.edu
... no pilgrim souvenir made from precious metal has been found. However, in the last few years several badges have ... We know from written sources that the media used in pilgrim badges ...

[PDF] Pilgrim badges painted in manuscripts: a North Netherlandish example
J Koldewey - K. Horst, van der, J.-Chr. Klamt (eds.). Masters and ..., 1991 - academia.edu
... pilgrimage was also represented in one other art-form. From the fourteenth century pilgrim badges souvenirs bought by pilgrims ... Badges portrayed in manuscripts, which are the subject ...
How to interpret AAT sources

sequential photographs of successive phases of the walk, the trot, and the gallop. When the pictures were published internationally in the popular and scientific press, they demonstrated that the positions of the animal's legs differed from those in traditional hand-drawn representations. To prove that his photographs were accurate, Muybridge projected them as *lantern slides* (transparent positive images on glass) upon a screen one after the other with a projector he had built for the purpose; the result was the world's first motion-picture presentation. This memorable event took place at the San Francisco Art Association in 1880.

- It term is in running text rather than a heading or index, take care that the words are being used as a term, not simply a descriptive phrase
- E.g., here the term is in italics in the text
How to interpret AAT sources

Random House Unabridged Dictionary

lan' tern slide, -s, n. a slide or transparency for projection by a slide projector or magic lantern [1870-1875]

Webster's Third New International Dictionary

lantern slide, -s | noun: a photographic transparency adapted for projection in a slide projector

Oxford English Dictionary

lantern, n.

• In dictionaries, entry is in singular
• This may still be a source for the plural descriptor
• Interpretation of dictionary entry is allowed
How to interpret AAT sources

**slide**: /slid/ 1. an act of moving smoothly along a surface while remaining in contact with it; 2. a plaything consisting of a sloping chute down which children can slide; 3. any sloping channel through which things can descend; 4. a small flat rectangular piece of glass on which specimens can be mounted for microscopic study; 5. a transparency mounted in a frame for viewing with a slide projector; 6. (geology) the descent of a large mass of earth or rocks or snow etc.; 7. (music) rapid sliding up or down the musical scale.

- Note that dictionaries include homographs as a single entry, with different definitions (in the AAT, these are typically separate terms).
and maintained a major position in American photography until their deaths some 20 years later.

**Lantern Slide**

A lantern slide is a positive transparency made or mounted on glass for projection. The term originated in the 19th c. when projectors were called magic lanterns. There were several slide formats then. Today black-and-white projection slide

- Encyclopedia entry
- Entry in an index
- Interpretation of capitalization is allowed

<table>
<thead>
<tr>
<th>Entry</th>
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<tr>
<td>Lambert see: light units</td>
<td>87 ff.</td>
</tr>
<tr>
<td>lamination</td>
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<tr>
<td>Land, Edwin Herbert</td>
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<td>lantern slide</td>
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<td>laser</td>
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<td>latensification</td>
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**Grove Art Online**

*for all aspects of the visual arts world wide*

- Article | Image Links | Illustrations | Related Articles | Article Search

**Lantern slide**

See under PHOTOGRAPHY, §1.
• Include LOC heading, if there is one
• Interpretation of capitalization is allowed
• NB: LOC headings are not necessarily AAT terms (e.g., Cathedrals--Italy)
How to interpret AAT sources

• Online library catalogs and online books and articles are acceptable sources
• If the term is in the title, cite the source as you would the hardcopy book or article
Microscopic analysis of sandstones from the southern Libyan Desert Glass (LDG) strewn field reveals a sequence of progressive deformation features which range from unaffected rock to extreme brecciation. The quartz grains show a wide range of deformation features: crushing and fracturing, undulatory extinction, mosaicism, oriented cleavage, partial isotropization and apparent multiple sets of planar deformation features (PDF). This preliminary report provides a first description of shock indicators, typical for hypervelocity impact, in bedrock material that is assumed to be related to the Libyan Desert Glass.
How to interpret AAT sources

Vocabulary’s preferred term reflects usage in scholarship

Example where preponderance of use in scholarly publications informs change in preferred term

(history, anthropology = “enslaved people” vs “slaves”)

For diversity and inclusion issues, see https://www.getty.edu/research/tools/vocabularies/Vocabs_unbiased_terminology.pdf

Raising the dead: walls of names as mnemonic devices to commemorate enslaved people
AL Araujo - Current Anthropology, 2020 - journals.uchicago.edu
… Identified through physical characteristics, enslaved people were listed in ship manifests and farm books as ordinary commodities. Yet lists of names of enslaved men, women, and …
☆ Save  Cite  Cited by 5  Related articles  All 5 versions

A “tone of voice peculiar to New-England” Fugitive Slave Advertisements and the Heterogeneity of Enslaved People of African Descent in Eighteenth-Century Quebec
CA Nelson - Current Anthropology, 2020 - journals.uchicago.edu
… active and ongoing negation of their colonial and slaving histories—I have consciously chosen to use the terms “runaway” and “fugitive,” not because that is what the enslaved people ...
☆ Save  Cite  Cited by 3  Related articles  All 2 versions

The Jamaican airs: An introduction to unpublished pieces of musical notation from enslaved people in the eighteenth-century Caribbean
D Leigh - Atlantic Studies, 2020 - Taylor & Francis
… This half features the most extensive pieces of musical notation from the early-modern era of songs that were composed and performed by enslaved people. The present article is an …
☆ Save  Cite  Cited by 5  Related articles  All 2 versions

Reorienting the “origins debate”: Anglo-American trafficking in enslaved people, c. 1615–1660
LH Roper - Atlantic Studies, 2022 - Taylor & Francis
This article argues that trafficking in enslaved Africans and Natives constituted a chief element in English overseas colonization and was a primary component of English overseas trade …
☆ Save  Cite
Contributing to ULAN
Additional resources re. contributing to ULAN

- The following slides include only a brief overview of contributing to ULAN
  
  • For full editorial instruction, see the ULAN Editorial Guidelines
    www.getty.edu/research/tools/vocabularies/guidelines/index.html#ulan
  
  • For an overview presentation on the ULAN data, see ULAN: Introduction and Overview
    www.getty.edu/research/tools/vocabularies/ulan_in_depth.pdf
  
  • To search ULAN names online, see Union List of Artist Names® Online
    www.getty.edu/research/tools/vocabularies/ulan/index.html
ULAN contribution: First steps

- Communicate with the Getty Vocabulary Program (vocab@getty.edu) regarding the number of terms and topics to be covered by your contribution

- Are you supplying variant names or biography for existing ULAN records? Or are you contributing entirely new ULAN records?

- Arrange for the proper staff and resource materials for your project

- For each new name, determine that the proposed new ULAN record
  - is not already in ULAN and
  - is within scope of ULAN

- Be prepared to supply data for all required fields, adhering to the ULAN Editorial Guidelines (online)
ULAN, Union List of Artist Names® includes names, relationships, notes, sources, and biographical information for artists, architects, firms, studios, repositories, patrons, other individuals and corporate bodies, both named and anonymous; may include coreferences to other resources (1,470,142 names) (e.g., Mark Rothko, Cai Xiang, 蔡襄, Crevole Master, Riza Abbasi, Rajaraja Museum, I. M. Pei & Partners, Ahuitzotl, William Kentridge, Frida Kahlo)
Scope of ULAN

- **Scope of ULAN**  ULAN focuses on creators of the visual arts. It includes names, relationships, and biographical information for makers and other people and corporate bodies required for the documentation, collection, and discovery of rich information about art, architecture, and other material culture where the works are of the type collected by art museums and other repositories for visual cultural heritage, or that are architecture. Within scope are artists, architects, other makers, firms, and studios, both named and anonymous. Also included may be patrons (who often have input in the creative process) and repositories of art. Makers may be named (e.g., Katsushika Hokusai) or anonymous (e.g., Master of the Aachen Altar). ULAN includes makers of cultural visual works which are ceremonial or utilitarian in nature, even if not classified as art according to traditional Western perceptions. Appellations for creating cultures are included (e.g., unknown Aztec). Also included are repositories of art. Amateur artists may be included in ULAN if their work is of the type typically collected by art museums and information for all CORE ULAN fields is available, including a recognized published source that names or discusses the artist and their work (for example, a journal article or an entry in a museum catalog). Occasionally, names of certain donors, sitters, and other non-makers associated with the work may be included, although generally such names are out of scope.

- **What is excluded from ULAN?**  Filmmakers, musicians, actors, dancers, or other performing artists are out of scope for ULAN. The names of fictional and literary characters who may be the subject of the visual work are excluded from ULAN; they could be recorded instead in the Iconography Authority (IA), provided they are within scope for the IA. Records for people and corporate bodies that are named in documentation or archival materials about visual works, but whose identity and biographical information are unknown or unknowable are typically out of scope for ULAN. Attribution statements, including those naming studios or workshops, are outside the scope of ULAN. For example, when a painting is attributed to an artist or to some unknown hand in the workshop of a known artist (e.g., as might be expressed in an object record as attributed to Hokusai or follower of Rembrandt), these attribution statements are outside the scope of ULAN (attribution qualifiers are in AAT). In such cases, the attribution statement combines a qualifier that should be recorded in the object record, not included in ULAN, and possibly a link to a known artist (if applicable). Generic personal names, such as the word Brueghel, are excluded from ULAN because they do not represent a single definable entity. Overall, records that lack the minimal information for a ULAN record are excluded (i.e., name, nationality, role, and life dates or an estimation of when the person existed); see guidelines for contributions for more information regarding minimum contribution requirements.

- Although occasionally the names of donors, sitters, and others who are only peripherally associated with the creation of the work may be included in ULAN, these people are not the focus of ULAN and are generally excluded. Filmmakers, musicians, actors, dancers, or other performing artists are excluded from ULAN are included only in the rare occasion when the people or their works are necessary to catalog particular visual works. Names of catalogers, conservators, field archaeologists, art historians, and authors who write about cultural works are typically excluded from ULAN. In general, if a repository includes names such as noted above in the catalog record, we advise that the names be maintained in a local authority rather than contributed to ULAN, because such names are likely needed locally but are not useful to the larger ULAN user community. Also excluded from ULAN are certain local names for people and corporate bodies who themselves are within scope for ULAN, but where these particular names are used only locally; for example, excluded are local abbreviations for names and name spellings found in only one archival document.

- Please see further discussion in the guidelines for contributions and editorial guidelines regarding which names may be contributed to ULAN and which should instead be maintained in a local authority; you may consult the list of fields likely to be found in a work record and that may contain personal names, but which are out of scope for inclusion in ULAN.
Scope of ULAN

- Scope is from Antiquity to the present
- Identified individuals or groups of individuals working together (corporate bodies)
- Involved in the conception or production of visual arts and architecture

- May include artists, architects, craftsmen, as well as people and corporate bodies closely related to artists
- Museums and other repositories of art
- Anonymous artists
- Culture = Unknown artists
- Non-artists including rulers, prominent patrons, sitters

Not Included

- Mythological, legendary, literary, and many religious figures (e.g., Zeus); see IA
- Building names, even if the name is a homograph for the corporate body that inhabits the building (e.g., National Gallery of Art); see CONA
### Persons, Artists
- 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-Artists
- Aah-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)
- Abramo, Monsù (Italian painter, 17th century)
- Facius, Friedrich Wilhelm (artist, born 1764)

### Unknown People by Culture
- unknown Abakwariga (Abakwariga cultural designation)
- unknown Abbasid (Abbasid cultural designation)
- unknown Abbevillian (Abbevillian cultural designation)
**ULAN, Union List of Artist Names®**

**Sample record**

**ULAN ID:** 500060426  
**Names:**  
Katsushika Hokusai (en,ja-trans) [1500235399]  
  **Contrib.** [VP, CCA, Avery]  
  **Sources.** Bowie (1964), Grove (2022), Met (2003)*  
Hokusai (en,ja-trans) [1500235408]  
  **Date:** name taken by the artist in 1798, and used for his prints and paintings  
  **Start:** 1798  
  **End:** 9999  
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 commerical 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  
**Birth and Death Places:**  
  Born: Tokyo (Kanto, Japan) (inhab place)  
  Died: Tokyo (Kanto, Japan) (inhab place)  
**Nationalities:**  
  Japanese (pref)  
**Roles:**  
  artist  
  printmaker  
  painter  
  designer  
  calligrapher  
  draftsman  
  landscapist  
  marine artist  
  figure artist  
  ukiyo-e artist  
**Gender:** male

**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)
Required Fields for ULAN

- preferred name
- variant names, including display name
- source(s) for the names
- role(s) (e.g., artist, watercolorist)
- display biography
  - indexed nationality/culture
  - birth and death dates
- hierarchical position

* Note that there are default values for required fields and flags, used when the source database has no corresponding data for the element; see online Guidelines and XML contribution schema instructions
List of Fields for ULAN

3.1 HIERARCHICAL RELATIONSHIPS
  3.1.1 Parents (required)
  3.1.2 Sort Order
  3.1.3 Historical Flag: Current or Historical parents
  3.1.4 Dates for relationship to parents
  3.1.5 Parent String

3.2 IDENTIFYING NUMBERS, STATUS FLAGS, AND SUBJECT SOURCES
  3.2.1 Subject ID (required-default)
  3.2.2 Parent Key (required)
  3.2.3 Merged Status (required-default)
  3.2.4 Published Status (required-default)
  3.2.5 Review Status (required-default)
  3.2.6 Record Type (required-default)
  3.2.7 Candidate Status (required-default)
  3.2.8 Label (required-default)
  3.2.9 Contributors for the Subject Record (required)
  3.2.10 Sources for the Subject Record (required)

3.3 NAMES
  3.3.1 Term ID (required default)
  3.3.2 Name (required)
  3.3.3 Preferred Flag (required-default)
  3.3.4 Qualifier
  3.3.5 Sequence Number (required-default)
  3.3.6 Historical Flag (required-default)
  3.3.7 Term Type (required-default)
  3.3.8 Vernacular Flag (required-default)
  3.3.9 Language for Names
  3.3.10 Preferred Flag for Language
  3.3.11 Contributor for Name (required-default)
  3.3.12 Preferred Flag for Contributor (required-default)
  3.3.13 Sources for Names (required)
  3.3.14 Page Number for Name Source (required)
  3.3.15 Preferred Flag for Source (required-default)
  3.3.16 Dates for Names
  3.3.17 Display Name Flag (required-default)
  3.3.18 AACR Flag (LC heading)
  3.3.19 Other Flags
  3.3.20 Assigned To

Editorial guidelines at
www.getty.edu/research/tools/vocabularies/guidelines/index.html#ulan

Contribution formats are available from links on this page
www.getty.edu/research/tools/vocabularies/contribute.html
List of Fields for ULAN

3.4 **DESCRIPTIVE NOTE**
   3.4.1 Descriptive Note
   3.4.2 Sources for the Descriptive Note
   3.4.3 Contributor for the Descriptive Note

3.5 **ASSOCIATIVE RELATIONSHIPS**
   3.5.1 Related People and Corporate Bodies
   3.5.2 Relationship Type
   3.5.3 Historical Flag
   3.5.4 Dates for Related People and Corporate Bodies

3.6 **BIOGRAPHICAL INFORMATION**
   3.6.1 Display Biography
   3.6.2 Nationality *(required)*
   3.6.3 Preferred Flag for Nationality *(required-default)*
   3.6.4 Sequence Number for Nationality *(required-default)*
   3.6.5 Role *(required)*
   3.6.6 Preferred Flag *(required-default)*
   3.6.7 Sequence Number *(required-default)*
   3.6.8 Historical Flag *(required-default)*
   3.6.9 Dates for Roles
   3.6.10 Birth and Death Dates *(required)*
   3.6.11 Birth and Death Places
   3.6.12 Sex *(required)*
   3.6.13 Preferred Flag for Biography *(required-default)*
   3.6.14 Contributor for Biography *(required)*

3.7 **EVENTS**
   3.7.1 Event Type
   3.7.2 Preferred Flag for Event
   3.7.3 Sequence Number
   3.7.4 Event Place
   3.7.5 Dates for Events

3.8 **ADMINISTRATIVE FLAGS, NOTES, AND REVISION HISTORY**
   3.8.1 Comment Flag
   3.8.2 Problem flag
   3.8.3 Assigned To
   3.8.4 Special Project
   3.8.5 Facet Code
   3.8.6 Legacy ID
   3.8.7 Class Notation
   3.8.8 Image
   3.8.9 Index Note
   3.8.10 Not Found Note
   3.8.11 Status Note
   3.8.12 Editor Note
   3.8.13 Revision History
ULAN Names

- **Definition**: Names, appellations, and designations used to identify the person or corporate body
- Full name, historical names, official name, names in various languages
- May include honorifics or titles
- Must be equivalents: Refer to the same person or corporate body
- If an anonymous hand is “probably” the same as a named artist, these are two separate records and linked through Associative Relationships

<table>
<thead>
<tr>
<th>Wren, Christopher</th>
<th>Rothko, Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christopher Wren</td>
<td>Giambologna</td>
</tr>
<tr>
<td>Kalf, Willem</td>
<td>Burgkmair, Hans, the elder</td>
</tr>
<tr>
<td>M$00eraud, Pierre-Antoine, p$02ere</td>
<td>Bartolo di Fredi</td>
</tr>
<tr>
<td>Pei, I. M.</td>
<td>Sullivan, Louis H.</td>
</tr>
<tr>
<td>Rembrandt Harmensz. van Rijn</td>
<td>Michelangelo Buonarroti</td>
</tr>
<tr>
<td>Gilbert &amp; George</td>
<td>Kicking Bear</td>
</tr>
<tr>
<td>Limbourg Brothers</td>
<td>Shen Nanpin</td>
</tr>
<tr>
<td>Skidmore, Owings &amp; Merrill</td>
<td>Katsushika Hokusai</td>
</tr>
<tr>
<td>McKim, Mead and White</td>
<td>Hand G</td>
</tr>
<tr>
<td>Associated American Artists</td>
<td>Master of the Dido Panels</td>
</tr>
<tr>
<td>National Gallery of Art</td>
<td>Achilles Painter</td>
</tr>
<tr>
<td>Unterberger family</td>
<td>Monogrammist A. C.</td>
</tr>
<tr>
<td>Feature Animation (Disney Studios, Walt Disney Company)</td>
<td>unknown Aztec</td>
</tr>
</tbody>
</table>
Fields associated with ULAN names

- Example of ULAN names and related fields
- Each name has a persistent, unique term_ID
- Unique ID for ULAN record is “subject_ID”
- Languages, sources, and much other information are also identified by unique IDs
- “AACR2” = LOC preferred “Yes”
- Other Flags (see Guidelines)

• Display Name = “Yes” means this is the natural order form of the name for displays; if there were an inverted form of preferred name, it would be record-preferred, #1, and natural order form would be #2, flagged “index” (e.g., Wren, Christopher = index and Christopher Wren = display)
• Display Date is a note or reference to date of usage of the name, e.g., when a person changes their name; must be indexed with Start Date and End Date

for ULAN Subject ID 500016387
Required ULAN names

- At least one name is required
- The preferred name is the name used most often in standard general reference sources and scholarly sources in English
- "Language" designation does not track etymology of words or names (just that a name is used in texts in that language)
- The record-preferred name is displayed in default displays; all names are equal in retrieval

Warrant for ULAN names

- Names must be found in published sources or, for repositories, in the contributor’s database
- Include names translated into English (e.g., Raphael) if warranted (rare for people, common for corp. body)
- Include preferred name in the local language of the person or corporate body (e.g., Raffaello)
- Include additional alternate and variant names
- Include references to Library of Congress Authorities, other pertinent authorities
ULAN names

- For modern western names, the preferred name is inverted
- Include the natural order form of preferred name, flagged “display”
- Other variant names in inverted order do not require a natural order form

- For preferred names of elder/younger, senior/junior, I/II, see the Guidelines
- For rulers’ names, see the Guidelines

- If an anonymous artist has been identified, add the names of the master to the record
- If scholars disagree re. the identification of the master, make two separate records and link anonymous master to the named person through Associative Relationships
ULAN names

- Preferred names for corporate bodies, pseudonyms, non-western names, and early western names may be in natural order rather than inverted
- Initials or acronyms may be included
- Dates for names refer to the usage of the name, not the lifespan of the artist

Start Date: 1920  End Date: 9999

Contribution to Getty Vocabularies
ULAN Display Biography

• **Definition:** A concise expression of the nationality, major roles (e.g., *architect, painter, sculptor*), birth and death dates of the person or the places, activities, and dates of existence of the corporate body
• May be constructed by the cataloger or concatenated automatically from fielded data
• **Recommendation:** Construct the Display Biography by hand to allow for expression of nuance and uncertainty
• Index the roles, nationality, and dates referenced here in controlled fields

*for Jacques Louis David*

**Display Biography:**
French painter and draftsman, 1748-1825

**NATIONALITY:** French
**ROLES:**
artist
painter
draftsman
portaitist
**BIRTH DATE:** 1748
**DEATH DATE:** 1825
### ULAN Display Biography

Fields associated with biography in ULAN
- The row of biography data is repeatable
- Contributors may express different opinions or different preferences re. biography
- Include places of birth and death if known; controlled by a list, mapped to TGN
- Include sex if known

For Christopher Wren, ULAN 500115492

<table>
<thead>
<tr>
<th>Sex</th>
<th>Biography</th>
<th>Birth Place</th>
<th>Code</th>
<th>Birth Dt</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>English architect, 1632-1723</td>
<td>East Knoyle (Wiltshire, England, Unit 46011203)</td>
<td>46011203</td>
<td>1632</td>
</tr>
<tr>
<td>N</td>
<td>British architect, 1632-1723</td>
<td>East Knoyle (Wiltshire, England, Unit 46011203)</td>
<td>46011203</td>
<td>1632</td>
</tr>
<tr>
<td>N</td>
<td>English architect, 1632-1723</td>
<td>East Knoyle (Wiltshire, England, Unit 46011203)</td>
<td>46011203</td>
<td>1632</td>
</tr>
<tr>
<td>N</td>
<td>English architect and engraver, born East Knoyle (Wiltshire)</td>
<td>East Knoyle (Wiltshire, England, Unit 46011203)</td>
<td>46011203</td>
<td>1632</td>
</tr>
<tr>
<td>N</td>
<td>British architect, 1632-1723</td>
<td>East Knoyle (Wiltshire, England, Unit 46011203)</td>
<td>46011203</td>
<td>1632</td>
</tr>
<tr>
<td>N</td>
<td>British draughtsman 1632-1723</td>
<td>East Knoyle (Wiltshire, England, Unit 46011203)</td>
<td>46011203</td>
<td>1632</td>
</tr>
<tr>
<td>N</td>
<td>English architect, 1632-1723</td>
<td>East Knoyle (Wiltshire, England, Unit 46011203)</td>
<td>46011203</td>
<td>1632</td>
</tr>
</tbody>
</table>

Death Place
- London (Greater London, England, 46013304) 1723 VP
- Greater London (England, United Kingdom, 46011803) 1723 CCA
- Hampton Court (Greater London, England, 46012106) 1723 CL-Courtauld
- Eighteenth century engraver 1723 FDA
- British draughtsman 1723 GRL
- English architect, 1632-1723 1723 GRLPSC
- Grove Art
ULAN Nationality/Culture

• **Definition:** A reference to the nationality, culture, ethnicity, race, religion, or sexual orientation of the person or corporate body

• Nationality does not necessarily indicate legal citizenship of a particular nation, empire, or city state

• Refers to a prolonged association with a given place, including historical nations (e.g., Flemish), culture (e.g., Frankish), or ethnic groups (e.g., Native American)

• One person or corporate body may have multiple nationalities

• Values that are more general may be indexed along with those that are more specific (e.g., for an ancient vase-painter, Ancient Greek is general while Attic is specific)

---

**DISPLAY BIOGRAPHY:**
American photographer, 1894-1985, born in Hungary

**NATIONALITY:**
Hungarian
American

• This field indexes the Display Biography

• List the most prominent nationality in the Display Biography; index one or several

• It is controlled by a list that is mapped to the AAT

<table>
<thead>
<tr>
<th>English</th>
<th>Nigerian</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vietnamese</td>
<td>Native American</td>
</tr>
<tr>
<td>Sienese</td>
<td>Italian</td>
</tr>
<tr>
<td>Celtic</td>
<td>Berber</td>
</tr>
<tr>
<td>Ancient Roman</td>
<td>Jewish</td>
</tr>
</tbody>
</table>
ULAN Roles

- **Definition:** Terms that characterize one or more significant roles or characteristics of a person or a function or purpose of a corporate body
- No more than three roles in display biography
- Index the primary role as stated in the Display Biography, as well as all other significant roles
- Include the major professional roles or activities performed by the person throughout his or her lifetime (e.g., *artist, architect, sculptor*)
- For a corporate body, roles include the major activities or purpose of the firm, institution, or other corporate body (e.g., *studio, manufactory, workshop*)
- Roles are controlled by a list, which is linked to the AAT
- May be dates for the roles

Sample roles

<table>
<thead>
<tr>
<th>Role</th>
<th>Role</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>painter</td>
<td>architect</td>
<td>landscape architect</td>
</tr>
<tr>
<td>sculptor</td>
<td>architectural firm</td>
<td>portraitist</td>
</tr>
<tr>
<td>printmaker</td>
<td>museum</td>
<td>marine painter</td>
</tr>
<tr>
<td>goldsmith</td>
<td>art academy</td>
<td>author</td>
</tr>
<tr>
<td>illuminator</td>
<td>religious order</td>
<td>pope</td>
</tr>
<tr>
<td>historian</td>
<td>publisher</td>
<td>archaeologist</td>
</tr>
</tbody>
</table>

Fields associated with roles for Display Biography: Italian sculptor, architect, 1480-1578
ULAN Birth and Death Dates

**Definition:** Years when the person was born and died or the corporate body was founded and dissolved

- The birth date and death data are referred to in the Display Biography, and indexed here
- Expressed using positive and negative integers (negative for dates BCE)
- When exact years are unknown, estimate Birth and Death Dates for retrieval; not visible to end users
- Allow a lifespan of 100 or 120 years for a person, if nothing else is known
- Use Death Date “9999” for extant corporate bodies
- In Display, if only birth or death date known, do not use hyphen (not “1934-”)
- Use “ca.” or “probably” as needed

- **Display Biography:** Italian painter, ca. 1360-before 1413  
  
  **Birth Date:** 1355  
  **Death Date:** 1413

- **Display Biography:** Greek vase painter, ca. 340-ca. 265 BCE  
  
  **Birth Date:** -350  
  **Death Date:** -275

- **Display Biography:** Nigerian sculptor, died 1978  
  
  **Birth Date:** 1878  
  **Death Date:** 1978

- **Display Biography:** Persian king, patron, reigned 522-486 BCE  
  
  **Birth Date:** -550  
  **Death Date:** -486

- **Display Biography:** American art museum, established 1937  
  
  **Birth Date:** 1937  
  **Death Date:** 9999

See online Guidelines for full rules on estimating life spans

- Use “active” if life dates are unknown
- May list century; use “contemporary,” not “21st century”
- For decades, do not use apostrophe (not “1860’s”)
- Use slash for “between”
- Use BCE and CE (not BC and AD)
ULAN Hierarchical Relationships

- **Definition**: *Parents* are the broader context(s) for the ULAN record; Hierarchical Relationships are broader/narrower, reciprocal relationships between ULAN records

- There are five facets in ULAN
  - Persons, Artists
  - Corporate Bodies
  - Non-Artists
  - Unidentified Named People
  - Unknown People by Culture

- In ULAN, records in most facets usually have hierarchical relationships only to the immediate parent of *facet*
- Exception: Records in the Corporate Bodies facet may have greater hierarchical depth

www.getty.edu/research/tools/vocabularies/guidelines/ulan_3_1_hierarchical_rels.html
Related People and Corporate Bodies

- **Definition:** *Associative relationships* to other persons and corporate bodies in the ULAN, particularly any important ties or connections between persons or corporate bodies excluding hierarchical whole/part relationships.
- Make links to people and corporate bodies who are professionally directly related to each other.
- Certain familial relationships may also be recorded here.
- Relationship Types are reciprocal and controlled by a list.
- There may be dates linked to the relationships.

<table>
<thead>
<tr>
<th>Relationship Type</th>
<th>Related People</th>
</tr>
</thead>
<tbody>
<tr>
<td>members are</td>
<td>Richard Meier &amp; Partners Architects LLP</td>
</tr>
<tr>
<td></td>
<td>Reynolds Logan</td>
</tr>
<tr>
<td></td>
<td>Michael Palladino</td>
</tr>
<tr>
<td></td>
<td>Dukho Yeon</td>
</tr>
<tr>
<td></td>
<td>James R. Crawford</td>
</tr>
<tr>
<td></td>
<td>Vivian Lee</td>
</tr>
<tr>
<td></td>
<td>Bernhard Karpf</td>
</tr>
</tbody>
</table>

- Relationship Type: son of
- Related Person: Albrecht Dürer the elder

<table>
<thead>
<tr>
<th>Relationship Type</th>
<th>Related Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>student of</td>
<td>Michael Wolgemut</td>
</tr>
</tbody>
</table>

- Display Date: 1486-1490
- Start Date: 1486
- End Date: 1490

Consult the Guidelines for additional fields.
Among the notable optional fields are Associative Relationships, Descriptive Note, Events, and Images.

www.getty.edu/research/tools/vocabularies/guidelines/ulan_3_5_associative_rels.html
Optional

ULAN Other Fields

Images

- **Definition**: Persistent URLs recorded in the Media field
- Provide URLs for representative works of artist or a portrait of ULAN person

for Bartolo di Fredi, ULAN 500031914

Descriptive Note

- **Definition**: A Note that provides descriptive information about the artist or expands upon information recorded in other fields
- Discuss disputed issues or ambiguity regarding names or facts
- Should be brief, not a full biography or encyclopedia entry
- Do not discuss the artist’s individual works
- Okay to briefly discuss style and place in art history
- Desc. Note is repeatable in different languages

for Riza, ULAN 500116631

**Descriptive Note**: Riza, son of 'Ali Asghar, was a leading artist under the Safavid shah Abbas I (reigned 1588-1629). He is noted primarily for having created portraits and genre scenes. The various names for this artist and the attributions of paintings in his oeuvre are somewhat uncertain, since his signatures and contemporary documentary references to him are ambiguous...
ULAN Other Fields

Events

- **Definition**: Terminology referring to a critical event, activity, state or status, or situation in the person's life or the corporate body's history

- Events must be accompanied by a date or location

- Intended to index only a short list of important life events for the artist, not to provide a complete biography of the person or corporate body

- Controlled by the Event Type list

---

Optional

www.getty.edu/research/tools/vocabularies/guidelines/ulan_3_7_events.html

<table>
<thead>
<tr>
<th>Event Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>active</td>
<td>For dates or places of artistic activity, if necessary. Refers to artistic activity only. For other cases, use flourished.</td>
</tr>
<tr>
<td>documented</td>
<td>For dates or places when an artist or corporate body was first mentioned in documentation, if necessary.</td>
</tr>
<tr>
<td>flourished</td>
<td>For dates or places associated with the artist or corporate body, if necessary, and only when the term active does not apply because artistic activity did not take place.</td>
</tr>
<tr>
<td>baptism</td>
<td>For the date when a person was baptized, used when the actual date of birth is unknown.</td>
</tr>
<tr>
<td>burial</td>
<td>For the date when a person was buried, used when the actual date of death is unknown.</td>
</tr>
<tr>
<td>exhibited</td>
<td>For dates when an artist's work was exhibited, generally used only when life dates are unknown.</td>
</tr>
</tbody>
</table>
ULAN Sources

- **Literary warrant for names:** Published evidence that the form and spelling of the name
- Sources are required for all information in the ULAN record
- Sources in the Getty Vocabularies are controlled by a source file, comprising a Brief Citation, Full Citation, and unique source_ID
- See online Guidelines for rules to formulate citations

### Example Source

<table>
<thead>
<tr>
<th>Source ID:</th>
<th>Merged Status:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2100155623</td>
<td>Not Merged</td>
</tr>
</tbody>
</table>

**Brief Source:** Grove Encyclopedia of Medieval Art and Architecture (2012)

Consult multiple sources for the preferred name, one source may be your institution’s database

Prefer the most authoritative, up-to-date sources available

At least one good source for other names and other information

For sources of Descriptive Notes, do not plagiarize; paraphrase

Do not guess or misrepresent the source information

Sources for ULAN may include the following:

- Standard general reference sources
  - Grove, Thieme-Becker, Bénézit
  - LC Name Authority Headings, VIAF, text books
  - general biographical dictionaries

- Other official sources
  - repository publications, catalogs, official museum Web sites
  - general encyclopedia and dictionaries
  - other authoritative Web sites (e.g., university sites)

- Other sources
  - authority records of contributors’ databases
  - written or oral opinions of scholars or other experts
  - books on specialized topics, monographs
  - journal articles, newspaper articles
  - inscriptions on art objects, coins, or other artifacts
  - archives, historical documents, and other original sources

Avoid Wikipedia and other crowd sourced resources, which are not consistently reliable nor considered scholarly
How to interpret ULAN sources

- In dictionaries, back of book indexes, LOC and other name authorities, in inverted order
- Museum tombstone displays, in natural order
- Running text as source is allowed
- Interpretation is allowed
- You may use the same source for inverted and natural order name in ULAN

Bartolomeo Cristofori (1655-1731)

Responsive to changing concepts in furniture, interior design and architecture. The earliest surviving stringed keyboard instruments are Italian harpsichords and spinets of the 16th century; the "arpicembalo che fà il piano e il forte" (i.e. The first documented reference to the piano, 1698) was invented in Florence by the 17th and 18th centuries were also established in northern Europe. Be it Renaissance strapwork or Rococo chinoiserie, the decoration varied greatly according to fashion. An old instrument might be redecorated one or more times, so dating an instrument solely by artistic style is inadvisable.
How to interpret ULAN sources

- Interpretation is allowed
- Normalize capitalization
- Do not enter multiple names in one ULAN field
- Do not enter parentheses

- Preferred for this source
  Cristofori, Bartolomé
- Variant names for this source
  Cristofani, Bartolomé
  Cristofali, Bartolomé

- For this source, preferred name in inverted order, parentheses
  Cristofori, Bartolomeo
- Variant name
  Cristofori, Bartolomeo di Francesco
Contributing to TGN
Additional resources re. contributing to TGN

- The following slides include only a brief overview of contributing to TGN
  - For full editorial instruction, see the TGN Editorial Guidelines [www.getty.edu/research/tools/vocabularies/guidelines/index.html#tgn](www.getty.edu/research/tools/vocabularies/guidelines/index.html#tgn)
  - For an overview presentation on the TGN data, see TGN: Introduction and Overview [www.getty.edu/research/tools/vocabularies/tgn_in_depth.pdf](www.getty.edu/research/tools/vocabularies/tgn_in_depth.pdf)
  - To search TGN names online, see Getty Thesaurus of Geographic Names® Online [www.getty.edu/research/tools/vocabularies/tgn/index.html](www.getty.edu/research/tools/vocabularies/tgn/index.html)
TGN contribution: First steps

- Communicate with the Getty Vocabulary Program (vocab@getty.edu) regarding the number of terms and topics to be covered by your contribution.

- Are you supplying variant names or information for existing TGN records? Or are you contributing entirely new TGN records?

- Arrange for the proper staff and resource materials for your project.

- For each new name, determine that the proposed new TGN record:
  - is not already in TGN and
  - is within scope of TGN

- Be prepared to supply data for all required fields, adhering to the TGN Editorial Guidelines (online).
• **TGN**, *Getty Thesaurus of Geographic Names*® includes names, relationships, and coordinates, with special focus in development on historical information for current cities, historical nations, empires, archaeological sites, lost settlements, and physical features as necessary for cataloging art; not comprehensive and not GIS but may include coreferences to GIS and maps (5,316,468 names) (e.g., *Diospolis, Acalán, Ottoman Empire, Axumite Empire, Mogao, Ch'ien-fu-tung, Leptis Magna, Machupicchu, Ganges River, गंगा नदी* )
Scope of TGN

- **Scope of TGN**  TGN is not comprehensive; although coverage is multilingual and global, the scope is tailored to the needs of Getty Vocabularies' core audience. The temporal coverage of TGN ranges from prehistory to the present. The scope of TGN includes names, relationships, place types, dates, and coordinates for places required to catalog, discover, and retrieve rich information about art, architecture, and other visual cultural heritage, including related disciplines dealing with visual works, such as archaeology and conservation. Visual works include not only works classified as art according to Western aesthetics, but also utilitarian and ceremonial works. For works' information, TGN is used for current location, creation location, discovery location, and subject depicted; for people in ULAN, TGN is used for places of birth, death, and activity. TGN is linked to CONA and IA as well. Development in TGN focuses on the historical world, although as much of the modern world as is necessary for giving context to the historical world and for cataloging and discovery of visual works is included.

- Types of places included in TGN are inhabited places (cities, towns, villages), nations, empires, archaeological sites, named general areas, tribal areas, lost settlements (historically documented, but the precise location is unknown), and physical features. Names that reference a built work may be included, when the name serves as a place name; if it is also serves as a built work name, you may record it in CONA and link to TGN (places and built works have different attributes, thus are recorded in separate Vocabularies). Sizable areas within inhabited places may be included if they serve as place names, such as districts, neighborhoods, squares, and large parks. Street addresses are not included. Settlements that were planned but never built may be included, but legendary and fictional places are not included; they may be included in IA.

- Various types of names for places are included. Records for modern places often include historical names; places may have various historical names that change over time. Alternative place names are included, such as indigenous names and official names. Codes and official abbreviations may be included in the name field; for example, ISO codes for nations are included. See the discussion of fields below for more information about flags used to denote codes. Names in multiple languages may be included. Various transliterations may be included. Misspellings may be included, provided they are found with some frequency in published sources, and therefore are useful for retrieval. Names that are considered "pejorative" or "avoid use" may be flagged.

- **What is excluded in TGN?** While TGN includes lost settlements that have warrant in historical documentation, excluded are names of imaginary or legendary places that did not exist. These places may be recorded in the Getty Iconography Authority (IA). Generally, excluded also are names for underwater features and other physical features that are not required for cataloging and discovery of visual works or for creating historical hierarchies. Given that TGN is not comprehensive and is optimized for the domain of visual arts, many places found in generic GIS are excluded in TGN. Also, locally used abbreviations and names found in only one archival source are excluded. Street addresses are generally out of scope for TGN; if you require controlled street address as location identifiers in your local data, we advise that you use a local authority. The names of built works are generally out of scope for TGN, although they are occasionally included when used as a place name. Record built works in CONA. Overall, records that lack the minimal information for a TGN record are excluded (i.e., name, place type, broader contexts, warrant); see guidelines for contributions for more information regarding minimum contribution requirements.
Scope of TGN

• TGN places include political entities and physical features
• Scope is global, some extraterrestrial
• Includes all current continents and nations
• Historical places, including nations and empires
• Prehistory to the present

• Real places, not mythical
• May include formerly inhabited places, historical places with unknown exact locations “lost settlement”
• Focus on places important to art and cultural heritage
• Modern world is maintained via national databases USGS and NIMA; framework upon which historical places are inserted, from contributors

Not Included

• Mythological, legendary and fictitious literary places; see IA
• Building names; if the structure is used as a place name, it is in TGN, but the record for the building (e.g., Abbadia di Fiastra (monastery)); see CONA; the TGN place will be linked in CONA
Scope of TGN

• TGN is a thesaurus, compliant with ISO and NISO standards for thesaurus construction
• It contains hierarchical, equivalence, and associative relationships
• Is TGN a GIS (Geographic Information System)? No. A GIS is designed to capture and manage, geographically referenced data; coordinates are key
• TGN focuses instead on names and relationships appropriate to a thesaurus for art, architecture, conservation, rich historical data
• While most records in TGN include coordinates, these coordinates are approximate and are intended for reference only; TGN is not linked to or capable of constructing maps
• However, TGN could be used with GIS to link to maps and to improve retrieval of GIS based on relationships, including synonyms (variant names)
TGN, Getty Thesaurus of Geographic Names®

Sample record

**TGN ID:** 7011179

**Names:**
Siena (pref, it, en-P) [47413]

**Contrib:** [VP, BHA, Avery]

**Sources:** Annuario Generale 1980, UNESCO (1992); Williams (2010)*

Sienna [140808]
Sienne (fr-P) [1002860953]
Σιένα (el-P) [1002038443]
锡耶纳 (zh-P) [1002038446]
Сиена (ru) [1002038445]
シエーナ (ja) [1002038441]

**Date:** Medieval

**Start:** 800 **End:** 1500

Sena Julia (hist.) (la) [181415]
Sena (hist.) [181414]

**Contributors:**
VP, BHA, Avery, GRI

**Place Types**

- inhabited place
  **Date:** settled by Etruscans (flourished 6th century BCE) **Start:** -800 **End:** 9999
- city
- archiepiscopal see
- commune (administrative) **Date:** since 1125 **Start:** 1125 **End:** 9999
- cultural center
- university center
- world heritage site

**Hierarchical Relationships (poly.)**

- World (facet)
- Europe (continent)
- Italy (nation)
- Siena (province)
- Siena (inhabited place) (Current)

**Date:** Late Etruscan

**Start:** -400 **End:** 100

**Associative Relationships**

- ally of: Pisa (inhabited place) [7006082]
  **Date:** Ghibelline allies, 13th-14th centuries **Start:** 1250 **End:** 1400

**Contributors:**
VP, BHA, Avery, GRI

**Sources:**
Annuario Generale (1980); NGA/NIMA database (2003-)
Library of Congress Authorities n 79013822; UNESCO World Heritage Centre [online] (1992-);
VIAF: Virtual International Authority File [online] (2009-) VIAF ID: 239842096 (Geographic)
Required Fields for TGN

- preferred name
- variant names, as stated in Rules
- source(s) for the names
- place type(s) (e.g., inhabited place)
- hierarchical position
- [coordinates (strongly recommended, but not required for contribution)]

* Note that there are default values for required fields and flags, used when the source database has no corresponding data for the element; see online Guidelines and XML contribution schema instructions
List of Fields for TGN

3.1 HIERARCHICAL RELATIONSHIPS
- Parents (required)
- Sort Order (required-default)
- Historical Flag (required-default)
- Dates for relationship to parents
- Parent string (required-default)
- Hierarchy Relationship Type (required-default)

3.2 IDENTIFYING NUMBERS, STATUS FLAGS, 
- Subject ID (required-default)
- Parent Key (required)
- Merged Status (required-default)
- Published Status (required-default)
- Review Status (required-default)
- Record Type (required-default)
- Candidate Status (required-default)
- Label (required-default)
- Contributors for Subject Record (required)
- Sources for the Subject Record (required)

3.3 NAMES
- Term ID (required-default)
- Name (required)
- Preferred Flag (required-default)
- Qualifier
- Sequence Number (required-default)
- Historical Flag (required-default)
- Term Type (required-default)
- Part of Speech (required-default)
- Vernacular Flag (required-default)
- Language for Names (required-default)
- Preferred Flag for Language (required-default)
- Language Status (required-default)
- Contributor for Name (required-default)
- Preferred Flag for Contributor (required-default)
- Sources for Names (required)
- Page Number for Term Source (required)
- Preferred Flag for Source (required-default)
- Dates for Names
- Display Name Flag (required-default)
- AACR Flag (LC heading)
- Other Flags
- Assigned To note

Editorial guidelines at
www.getty.edu/research/tools/vocabularies/guidelines/index.html#tgn

Contribution formats are available from links on this page
www.getty.edu/research/tools/vocabularies/contribute.html
List of Fields for TGN

3.4 DESCRIPTIVE NOTE
   Descriptive Note
   Sources for the Descriptive Note
   Contributors for the Descriptive Note
   Language of Descriptive Note

3.5 ASSOCIATIVE RELATIONSHIPS
   Related Places
   Relationship Type
   Historical Flag
   Dates for Associative Relationship

3.6 PLACE TYPE
   Place Type (required)
   Preferred Flag (required-default)
   Sequence Number (required-default)
   Historical Flag (required-default)
   Dates for Place Type

3.7 COORDINATES
   Coordinates
   Latitude: Degree; Minute; Second; Direction; Decimal Degrees
   Longitude: Degree; Minute; Second; Direction; Decimal Degrees
   Bounding Coordinates
   Least Latitude: Degree; Minute; Second; Direction; Decimal Degrees
   Most Latitude: Degree; Minute; Second; Direction; Decimal Degrees
   Least Longitude: Degree; Minute; Second; Direction; Decimal Degrees
   Most Longitude: Degree; Minute; Second; Direction; Decimal Degrees
   Elevation: Feet; Meters

3.8 ADMINISTRATIVE FLAGS, NOTES, AND REVISION HISTORY
   Comment Flag
   Problem Flag
   Assigned To
   Special Project
   Facet
   Legacy ID
   Class Notation
   Image
   Index Note
   Not Found Note
   Status Note
   Editor Note
   Revision History (required-default)
**TGN Names**

- **Definition:** Proper names, appellations, or other identifying phrases used to refer to a geographic or administrative location
- Full name, historical names, official name, names in various languages, codes for names
- May include honorifics or titles
- Must be equivalents: Refer to the same place
- If a lost settlement is “probably” the same as a named settlement, these are two separate records and linked through Associative Relationships
- If an ancient site is near, but not under, a modern town, these are two separate records

<table>
<thead>
<tr>
<th>Name</th>
<th>Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>London</td>
<td>Beijing</td>
</tr>
<tr>
<td>Lundinium</td>
<td>Peking</td>
</tr>
<tr>
<td>Hawaiian Islands</td>
<td>北京</td>
</tr>
<tr>
<td>Rione XVIII Castro Pretorio</td>
<td>Michigan, Lake</td>
</tr>
<tr>
<td>New York City</td>
<td>Lake Michigan</td>
</tr>
<tr>
<td>Ile de la Cité</td>
<td>Carthage</td>
</tr>
<tr>
<td>al-Udunn</td>
<td>Καρθήσιον</td>
</tr>
<tr>
<td>Jordânia</td>
<td>Aztec Empire</td>
</tr>
<tr>
<td>JOR</td>
<td>Middle East</td>
</tr>
<tr>
<td>Al Mamlakah al Urduniyyah al Hashimiyyah</td>
<td>Dodekanísou regional division</td>
</tr>
</tbody>
</table>
Fields associated with TGN names

- Example of TGN names and related fields
- Each name has a persistent, unique term_ID
- Unique ID for TGN record is “subject_ID”
- Languages, sources, and much other information are also identified by unique IDs
- “AACR2” = LOC preferred “Yes”
- Other Flags (see Guidelines)

- Display Name = “Yes” means this is the natural order form of the name for displays; if there were an inverted form of preferred name, it would be record-preferred, #1, and natural order form would be #2, flagged “index” (e.g., Michigan, Lake = index and Lake Michigan = display)
- Display Date is a note or reference to date of usage of the name; must be indexed with Start Date and End Date
- Additional Subject Field: Comment = Noted; among homographs, this is the most well known place with this name

for TGN Subject ID 7006952
Required TGN names

- At least one name is required
- The preferred name is the vernacular (local) name used most often in authoritative source or sources
- The record-preferred name is displayed in default displays; all names are equal in retrieval

Warrant for TGN names

- For the modern world, the preferred name is usually the NGA/NIMA preferred name (for ease of updating)
- Names must be found in published sources or in the contributor’s database
- “Language” designation does not track etymology of words or names (but name is *used* in texts in that language)
- Include the preferred name in the local language (vernacular) (e.g., *Firenze*)
- Include names translated into English (e.g., *Florence*) if warranted (rare for most places, except famous places)
- Include additional alternate and variant names
- Include references to LOC and other pertinent authorities; include warranted site name for archaeological sites
TGN names

- Names of administrative entities, such as historical empires
- Physical features, preferred name may be in inverted order (e.g., Etna, Monte); include name in natural order too
- For currently inhabited places, the preferred name is the vernacular name; use the transliterated name in the Roman alphabet (e.g., Moskva); include the Russian name too (e.g., Москва)
- In some cases, there may be multiple vernacular names when multiple languages are spoken in the place
- Only one may be record-preferred, but all are equal in retrieval
- If there is a translation of the name in English, flag the preferred English (e.g., Moscow)
TGN names

- Include current and historical names
- Names in other languages
- Name of cave temples as place name in TGN; record for the rock-cut building complex is in CONA
- Archaeological sites

---

<table>
<thead>
<tr>
<th>TGN Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machupicchu <em>(preferred, C,V)</em></td>
</tr>
<tr>
<td>Machu Picchu (C, V)</td>
</tr>
<tr>
<td>Macchu Picchu (C, V)</td>
</tr>
<tr>
<td>Machu Pikchu (C, V)</td>
</tr>
<tr>
<td>Machupichu, Ruinas (C, V)</td>
</tr>
<tr>
<td>Attirampakkan <em>(preferred, C, O)</em></td>
</tr>
<tr>
<td>Attirampakkam (C, V)</td>
</tr>
<tr>
<td>अतिरंपाक्कन (C, V)</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Roman</th>
<th>Ancient Name</th>
<th>Biblical</th>
<th>Used from 22nd century BCE</th>
<th>Ancient Egyptian Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thebes <em>(preferred, C, O, English-P, U, N)</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tebe (C, O)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tibah (C, V, Arabic (transliterated), U)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thèbes (C, O)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thébae (C, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thébae Aegypti (C, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thébai (C, V, Greek (transliterated), U)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oibbai (C, V, Greek, U)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diospolis Magna (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nowe (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nuwe (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wase (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wo'se (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waset (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Θείβαι έκατόμηλοι (H, V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Chinese (transliterated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qianfodong <em>(preferred, C, V, Chinese (transliterated Pinyin without tones), U)</em></td>
</tr>
<tr>
<td>Mogao Caves (C, V, display, English-P, U, N)</td>
</tr>
<tr>
<td>Mogao Grottoes (C, V, English, U, N)</td>
</tr>
<tr>
<td>Mògao kū (C, V, Chinese (transliterated Pinyin), U)</td>
</tr>
<tr>
<td>Caves of the Thousand Buddhas (C, V, English, U)</td>
</tr>
<tr>
<td>Ch‘ien-fu-tung-miao (C, V, Chinese (transliterated), U)</td>
</tr>
<tr>
<td>Chenfudun (C, V, Chinese (transliterated), U)</td>
</tr>
<tr>
<td>千佛洞 (C, V, Chinese, U)</td>
</tr>
<tr>
<td>萬高窟 (C, V, Chinese-P, U)</td>
</tr>
</tbody>
</table>
TGN Place Types

**Definition:** A noun or adjective that characterizes a significant aspect of the place, including its role, function, political anatomy, size, or physical characteristics

- May include terms for culture (e.g., Aztec)
- Place types are controlled by a list, mapped to the AAT
- The primary administrative hierarchy (although formed by linking through Parent _ID), uses standard place types for levels

**Sample place types**

<table>
<thead>
<tr>
<th>city</th>
<th>village</th>
<th>seaport</th>
</tr>
</thead>
<tbody>
<tr>
<td>kingdom</td>
<td>provincial capital</td>
<td>diocese</td>
</tr>
<tr>
<td>archaeological site</td>
<td>island nation</td>
<td>satellite community</td>
</tr>
<tr>
<td>Buddhist</td>
<td>Iron Age</td>
<td>fortified settlement</td>
</tr>
<tr>
<td>tourist center</td>
<td>resort</td>
<td>monastery</td>
</tr>
</tbody>
</table>

**Fields associated with place types**

for Dharmapuri, Tamil Nādu, India, TGN 1075169

---

<table>
<thead>
<tr>
<th>#</th>
<th>P</th>
<th>H</th>
<th>Place Type</th>
<th>Display Date</th>
<th>Start Dt</th>
<th>End Dt</th>
<th>PtType ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P</td>
<td>C</td>
<td>inhabited place</td>
<td>was settled in Neolithic Age</td>
<td>-10000</td>
<td>9999</td>
<td>83002</td>
</tr>
<tr>
<td>2</td>
<td>N</td>
<td>C</td>
<td>town</td>
<td></td>
<td></td>
<td></td>
<td>83030</td>
</tr>
<tr>
<td>3</td>
<td>N</td>
<td>C</td>
<td>archaeological site</td>
<td></td>
<td></td>
<td></td>
<td>54451</td>
</tr>
<tr>
<td>4</td>
<td>N</td>
<td>H</td>
<td>Neolithic</td>
<td></td>
<td></td>
<td></td>
<td>12021</td>
</tr>
</tbody>
</table>

**Standard place types for levels**

- continent (preferred place type)
- primary political unit (place type in positon #2, for nations, empires, etc.)
- first level subdivision (place type in positon #2)
- second level subdivision (place type in positon #2)
- inhabited place (preferred place type)
- deserted settlement (preferred place type)
TGN Hierarchical Relationships

- **Definition:** *Parents* are the broader contexts for the TGN record; whole/part, reciprocal relationships
- Use the existing TGN hierarchy to find the appropriate parent_ID for your contribution
- Position the new place under the most specific level appropriate for the given nation; not all nations have the same number of administrative levels in TGN
- If you are uncertain where to position the place, put it under a *temp.parent* (see Guidelines)

- TGN is polyhierarchical
- Places may be linked to current and historical broader contexts
- There may be dates associated with the hierarchical link

Hierarchical Position:
- World (facet)
- .... Europe (continent) (P)
- ........ Italy (nation) (P)
- ........... Tuscany (region (administrative division)) (P,C) part of new kingdom of Italy
- ............. kingdom of Italy from 1861
- .............. Pisa (province) (P)
- ................. Volterra (inhabited place) (P)

Additional Parents:
- World (facet)
- .... Europe (continent) (P)
- ........ Etruria (former group of nations/states/cities) (P)
- ........... Volterra (inhabited place) (P,H)

Start Date: 1861  End Date: 9999

historical relationship “H”
**TGN Coordinates**

**Definition:** Geographic coordinates indicating the point on the globe where the place is located, expressed in degrees/minutes/seconds and decimal fractions of degrees

- Compliant with ISO 6709 Standard representation of geographic point location by coordinates, using the WGS 84 (revised 2004) coordinate reference system.
- Contribute a central point, if possible, using authoritative atlases or geographic databases such as NIMA/NGA
- Bounding box and elevation are also possible
- Contribute in degrees/minutes/seconds or decimal degrees; the conversion will be done by TGN

Optional but strongly recommended

www.getty.edu/research/tools/vocabularies/guidelines/tgn_3_7_coordinates.html

for Machu Picchu, Peru (deserted settlement)
Optional

**TGN Other Fields**

**Related Places**

- **Definition:** *Associative Relationships* to other places in the TGN for any important ties or connections between places, excluding hierarchical whole/part relationships.
- Only clear and direct relationships should be recorded, Current or Historical.
- Relationship Types are reciprocal and controlled by a list, see Guidelines.
- There may be dates for relationships.

---

**for Lincoln, England**

```
Related geographic places:
capital of .... Flavia Caesariensis .......... (province)
.................. (World, Roman Republic and Empire, Britannia, Britannia Inferior) [7004877]
.................. from the early 4th century CE
```

**for Florence, Italy**

```
Related geographic places:
ally of .... Bologna .......... (inhabited place)
.................. (World, Europe, Italy, Emilia-Romagna, Bologna province) [7004847]
.................. Guelf allies during the 13th and 14th centuries
```

**for lost settlement Kinalua**

```
Related geographic places:
possibly identified as .... Calneh .......... (lost settlement)
............................. (World, Middle East) [7993942]
possibly identified as .... KryNintendo (deserted settlement)
............................. (World, Asia, Turkey, Hatay) [7032503]
```

---

[www.getty.edu/research/tools/vocabularies/guidelines/tgn_3_5_associative_relationships.html](www.getty.edu/research/tools/vocabularies/guidelines/tgn_3_5_associative_relationships.html)

- Consult the Guidelines for additional fields.
- Among the notable optional fields are Associative Relationships, Descriptive Note, Coordinates, and Images.
Descriptive Note

- **Definition:** A Note that provides descriptive information about the place or expands upon information recorded in other fields.
- Discuss disputed issues, sovereignty, or ambiguity regarding the names or critical facts.
- Do not repeat the hierarchy information, but you may mention location and pertinent physical features.
- Circumstances or founding and abandonment.
- Should be brief, not a full history or encyclopedia entry.
- Desc. Note is repeatable in different languages.

for Silk Road, TGN 7031416

---

**Descriptive Note:** Refers to the region inhabited by the ancient Gauls, comprising modern-day France and parts of Belgium, western Germany, and northern Italy. It was a powerful ancient country. Inhabited from ca. 600 BCE by Celtic Galli. French Gaul (the area of Gaul that is modern France) was later divided by Rome into four provinces: Narbonensis, Aquitania ...
TGN Sources

- **Literary warrant for terms**: Published evidence that the form, spelling, usage, and meaning of the name are found in authoritative sources
- Sources are required for all information in the TGN record
- Sources in the Getty Vocabularies are controlled by a source file, comprising a Brief Citation, Full Citation, and unique source_ID
- See online Guidelines for rules to formulate citations

Source ID: 9006548  
Merged Status: Not Merged


TGN Sources

- Consult multiple sources for the preferred name, one source may be your institution’s database
- Prefer the most authoritative, up-to-date sources available for the current name, coordinates, and hierarchical position
- Archival and other sources may provide variant names
- For sources of Descriptive Notes, do not plagiarize; paraphrase
- Do not guess or misrepresent the source information

Sources for TGN may include the following, in this order of preference:

Standard general reference sources
  - atlases, loose maps, gazetteers
  - geographic dictionaries, encyclopedias, guidebooks
  - government Web sites, including NGA (NIMA) and USGS
  - other authoritative online sources or databases

Other official sources
  - newsletters from ISO and United Nations
  - communication with embassies
  - Library of Congress subject headings

Other material on topics of geography or current events
  - books, journal articles, and newspaper articles
  - archives and other original sources

Other sources
  - inscriptions on art objects, coins, or other artifacts
  - catalog records of repositories of art objects
  - books on history of art and architecture

Avoid Wikipedia and other crowd sourced resources, which are not consistently reliable nor considered scholarly
How to interpret TGN sources

- In dictionaries, back of book indexes, authoritative geographic databases, LOC, NGA/NIMA, and other name authorities
- Maps may be sources
- Names found in running text are allowed
- Interpretation is allowed

**Erythrae**

**Ildir/Erythrea**

Ancient region covering the central part of the west coast of Asia Minor (modern Turkey) from the Bay of Izmir south to Bargylia. It included the cities of Miletos, Mycus, Priene, Ephesos, Kolophon, Teos, Lebedos, Klaizomenai, Phokaia and Smyrna, and the adjacent islands of Samos and Chios. Herodotos (Histories I.68–69) and Thucydides (History of the Peloponnesian War I.xii) claimed that Greeks fleeing the Dorian invasion colonized the region in the 11th century BC, but excavators have discovered Late Bronze Age (13th century BC) Mycenaean objects in the area, and Miletos may have been a Mycenaean trading port.
How to interpret TGN sources

- Interpretation is allowed
- Follow capitalization rules of TGN
- Names may found in an article without context; be certain this is the correct place
- May not know the modern administrative parent from the article
How to interpret TGN sources

- Be alert to usage and rules in TGN; which may differ from listings in sources
- E.g., in *Princeton Encyclopedia*, a parenthetical name is not necessarily a place located on the same site as the ancient site
- E.g, NIMA/NGA, “unverified” is red flag; in this case, the ancient site is on the location of the modern village, which in TGN means the records are merged
How to interpret TGN sources

• Inscriptions and other original sources may be used for variant names, only if authoritative warrant exists verifying this is the same place you intend
• Do not transliterate unless you are an expert

• For coordinates, be certain that your source is using the same system as TGN (ISO 6709 Standard representation of geographic point location by coordinates, using the WGS 84 (revised 2004) coordinate reference system)

38.3838889    -26.4766667
38° 23' 02" N 026° 28' 36" W

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<th>Longitude</th>
<th>Elevation (meters)</th>
<th>Elevation (feet)</th>
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Contributing to CONA
Additional resources re. contributing to CONA

- The following slides include only a brief overview of contributing to CONA

  - For full editorial instruction, see the CONA Editorial Guidelines
    [www.getty.edu/research/tools/vocabularies/guidelines/index.html#cona](www.getty.edu/research/tools/vocabularies/guidelines/index.html#cona)

  - For an overview presentation on the CONA data, see CONA: Introduction and Overview
    [www.getty.edu/research/tools/vocabularies/cona_intro.pdf](www.getty.edu/research/tools/vocabularies/cona_intro.pdf)

  - To search CONA titles/names online, see Cultural Objects Name Authority® Online
    [www.getty.edu/research/tools/vocabularies/cona/index.html](www.getty.edu/research/tools/vocabularies/cona/index.html)
CONA contribution: First steps

• Communicate with the Getty Vocabulary Program (vocab@getty.edu) regarding the number of terms and topics to be covered by your contribution

• Are you supplying variant titles or information for existing CONA records? Or are you contributing records that are new to CONA?

• If you are a repository of works, or another cataloging project, map your data to CONA

• Arrange for the proper staff and resource materials for your project

• Be prepared to supply data for all required fields, adhering to the CONA Editorial Guidelines (online)
Scope of CONA

- **CONA**, Cultural Objects Name Authority® titles, artist attribution, creation dates, relationships, and location for works; focuses on architecture, multiples, works depicted in other works, lost works, designed but not built (107,493 titles) (e.g., Hagia Sofia, Αγία Σοφία, Adinatha Temple, Flatiron Building, The Lacemaker, Merlettaia, La Dentellière, Lion Throne Room, 神奈川沖浪, Great Wave, Die große Welle)
Scope of CONA

CONA currently focuses on architecture, multiples, lost and destroyed works, works designed but not built, performance art, and works depicted in visual surrogates or other works. In general, the scope of CONA may include many types of visual works, including architecture and *movable works* such as paintings, sculpture, prints, drawings, manuscripts, photographs, textiles, basketry, ceramics, furniture, other visual media such as frescoes and architectural sculpture, performance art, archaeological artifacts, and various functional or ceremonial objects that are from the realm of material culture and of the type collected by museums. However, it is our goal to be ever more inclusive of various cultures and their visual works; thus objects recorded in CONA are not necessarily labeled as *art* according to traditional Western aesthetics. CONA records may represent built works or movable works, whether extant or historical, whether realized or conceptual. Works that are destroyed, disassembled, or planned but not constructed may be included. In CONA, data may be contributed from multiple contributors and other sources; the resulting compilation or linking of metadata could provide a rich resource for researchers and other users. The unique ID that CONA provides for works is seen as useful by members of the community for disambiguation of linked data about works; a concordance of the CONA ID and IDs for the work from other resources can enable a practical solution to the problem of uniquely identifying a work in the semantic Web and beyond.

What is excluded in CONA? In general, out of scope for CONA are objects in natural history or scientific collections, although these works indeed fit into the framework of CONA and may be included if collected in art museums. CONA may include artists' films, but in general films, literary works, or musical works are out of scope for CONA. Limited exceptions may occur when such creations are considered visual works or produced by conceptual artists. CONA does not include records for corporate bodies, although the building that houses the corporate body could be included, even if it has the same name as the corporate body. For example the buildings of the *National Gallery of Art* in Washington, DC, are included in CONA; however, the corporate body that inhabits those buildings, also called the *National Gallery of Art*, is outside the scope of CONA (but within scope for ULAN).
Scope of CONA

• CONA includes records for cultural works: architecture and movable works; also visual surrogates, conceptual works (e.g., multiples), unknown named works (e.g., archival references)
• The focus of CONA is works cataloged in scholarly literature, museum collections, visual resources collections, archives, libraries, and indexing projects with a primary emphasis on art, architecture, or archaeology
• However, CONA includes artifacts, tools, machines, and other works that have a practical purpose, not necessarily intended as “art,” but which are valued as unique items and collected
• The coverage of CONA is global, from prehistory through the present
• Names or titles may be current, historical, and in various languages

• CONA may include works that were never built or that no longer exist, for example designs for a building that was not constructed or a work that is now destroyed

Not Included

• CONA does not focus on objects in natural history or scientific collections, although these works indeed fit into the framework of CONA and may be included; they are sometimes collected in art museums
• CONA does not include names of musical works, dramatic art, names of commercial films, or titles of literature (see the Getty IA or links to outside resources)
• CONA does not include records for corporate bodies, although the building that houses the corporate body would be included, even if it has the same name as the corporate body, e.g., National Gallery of Art (NGA) in Washington, DC; the corporate body in ULAN would be linked to the record for the building in CONA
Scope of CONA

Built Works
Structures or parts of structures that are the result of conscious construction, are of practical use, are relatively stable and permanent, and are of a size and scale appropriate for—but not limited to—habitable buildings; includes complexes, sites, ruined and lost buildings.

Movable Works
Includes the visual arts and other cultural works that are of the type collected by art museums and special collections, or by an ethnographic, anthropological, or other museum, or owned by a private collector, such as paintings, sculpture, prints, drawings, manuscripts, photographs, ceramics, textiles, furniture, and other visual media such as frescoes and architectural sculpture, performance art, archaeological artifacts, and various functional objects that are from the realm of material culture.

Visual Surrogates
Images and three-dimensional works intended to be surrogates for the works depicted, for example study photographs; does not include works considered themselves works of art.

Conceptual Works
Records for series as a concept, conceptual records for multiples, and other similar records; physical works, such as prints that belong to a series, may be linked to the conceptual record for the series.

Unidentified Named Works
Works described in archival inventories or other sources, but their identity is not established.
Required Fields for CONA

- Catalog Level
- Classification
- Work Type
- Title
- Creator
- Creation Date
- Subject
- Current Location
- Dimensions
- Materials & Techniques

* Note that there are default values for required fields and flags, used when the source database has no corresponding data for the element; see online Guidelines and XML contribution schema instructions
CONA ID: 700002923

**Titles/Names:**
Temple of Heaven (pref- en)  
[1000016889]
Display Date: renamed in the 16th century  
Start: 1521  
End: 9999
Contrib: JPGM-P, BWR, BHA
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]
천단 (zh)  [1000016893]
천단 (ko)  [1000019043]

**Catalog Level:** item

**Work Types:**
temple complex

**Classification:**
Architecture

**Creation Date:**
construction 1406-1420; extended 16th century  
Start: 1406  
End: 1420
Qualifier: construction

**Creator Display:**
first built by Ming Chengzu; extended by Ming Shizong; renovated by Qianlong

**Location:**
current Beijing (Beijing Shi (municipality), China) (nation)
Address Note: +39.913889,+116.391667

**Dimensions:**
entire complex: 237 hectares
Mat & Tech: wood and stone
wood AAT 300011914 | stone AAT 300011176

**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]

**Note:**
Large religious complex in the old outer city of Beijing, comprises three buildings are built in a straight line.

**Contributors:**
JPGM; VP; GRISC; BHA; BWR;
Ref: 881
List of Fields for CONA

3.1 HIERARCHICAL RELATIONSHIPS
   3.1.1 Parents (required)
   3.1.2 Sort Order
   3.1.3 Historical Flag: Current or Historical parents and other flags
   3.1.4 Dates for relationship to parents
   3.1.5 Parent String (required default)
   3.1.6 Facet or Hierarchy Code

3.2 IDENTIFYING NUMBERS, STATUS FLAGS, AND SUBJECT SOURCES
   3.2.1 Subject ID (required default)
   3.2.2 Parent Key (required)
   3.2.3 Merged Status (required-default)
   3.2.4 Published Status (required-default)
   3.2.5 Review Status (required-default)
   3.2.6 Record Type (required-default)
   3.2.7 Candidate Status (required-default)
   3.2.8 Label (required-default)
   3.2.9 Contributors for the Work Record (required)
   3.2.10 Sources for the Work Record (required)

3.3 TITLES AND NAMES
   3.3.1 Term ID (required-default)
   3.3.2 Titles/Names (required)
   3.3.3 Preferred Flag (required-default)
   3.3.4 Qualifier
   3.3.5 Sequence Number (required-default)
   3.3.6 Historical Flag (required-default)
   3.3.7 Term Type (required-default)
   3.3.8 Part of Speech
   3.3.9 Vernacular Flag (required-default)
   3.3.10 Language for Titles/Names
   3.3.11 Preferred Flag for Language
   3.3.12 Language Status
   3.3.13 Contributor for Titles/Names (required-default)
   3.3.14 Preferred Flag for Contributor (required-default)
   3.3.15 Sources for Titles/Names (required)
   3.3.16 Page Number for Title Source (required)
   3.3.17 Preferred Flag for Source (required-default)
   3.3.18 Dates for Titles/Names
   3.3.19 Display Title/Name Flag (required-default)
   3.3.20 AACR Flag (L.C heading)
   3.3.21 Other Flags
   3.3.22 Assigned To

Editorial guidelines at
www.getty.edu/research/tools/vocabularies/guidelines/index.html#cona

Contribution formats are available from links on this page
www.getty.edu/research/tools/vocabularies/contribute.html
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<tr>
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<td><strong>3.6. FIELDS FOR THE PHYSICAL WORK, ITS CREATION, AND SUBJECT</strong></td>
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List of Fields for CONA

3.6.2.24 Provenance
3.6.2.25 Watermarks
3.6.2.26 Inscriptions
3.6.2.27 Typeface
3.6.2.28 Marks
3.6.2.29 State
3.6.2.30 Edition

3.6.3 Depicted Subject, Iconography Authority (IA)
  3.6.3.1 General Depicted Subject *(required)*
  3.6.3.2 General Sequence Number *(required-default)*
  3.6.3.3 General Preferred Flag *(required-default)*
  3.6.3.4 General Indexing Type
  3.6.3.5 General Subject Extent
  3.6.3.6 Specific Depicted Subject *(highly recommended if applicable)*
  3.6.3.7 Specific Sequence Number
  3.6.3.8 Specific Preferred Flag
  3.6.3.9 Specific Indexing Type
  3.6.3.10 Specific Subject Extent
  3.6.3.11 Outside Iconography Term
  3.6.3.12 Outside Iconography Code
  3.6.3.13 Outside Iconography Source
  3.6.3.14 Source Preferred Flag
  3.6.3.15 Source Page

3.7 GENERIC EVENTS
  3.7.1 Event Type
  3.7.2 Preferred Flag for Event
  3.7.3 Sequence Number
  3.7.4 Event Place
  3.7.5 Dates for Event

3.8 ADMINISTRATIVE FLAGS, NOTES, AND REVISION HISTORY
  3.8.1 Comment Flag
  3.8.2 Problem Flag
  3.8.3 Assigned To
  3.8.4 Special Project
  3.8.5 Facet Code
  3.8.6 Legacy ID
  3.8.7 Class Notation
  3.8.8 Image
  3.8.9 Index Note
  3.8.10 Not Found Note
  3.8.11 Status Note
  3.8.12 Editor Note
  3.8.13 Revision History
CONA Titles and Names

**Definition:** Titles, identifying phrases, or names given to a work of art, architecture, or material culture

- For complex works, series, or collections, the title may refer to a discrete unit within the larger entity (a print from a series, a photograph in a collection, a panel from a fresco cycle, a building within a temple complex) or it may identify only the larger entity (series, collection, cycle) itself
- Included titles in traditional Western sense, and names of objects, architecture, or groups that do not have a title
- Titles/names could include the object type of the work (e.g., *Ceramic Bowl*) or the dedication or name of a building (e.g., *Saint Paul's Cathedral*)
Fields associated with CONA titles/names

- Example of CONA titles / names field and related fields
- Note that each title / name has a persistent, unique term_ID
- The unique ID for the CONA record is called the “subject_ID”
- Languages, sources, and much other information in the record is also identified with unique IDs
- Other Flags identify the type of title; repository title, if there is one, is generally preferred
- Preferred title in English is also flagged, to allow displays by English title (if there is one)

for CONA Subject ID: 700001886
Required CONA titles/names

- It is required to record at least one title or name -- the record-preferred title or name, which is
  1. the title or name preferred by the repository, or
  2. the title or name used most often in scholarly literature to refer to the work

- Optional but strongly recommended:
  1. If the preferred title or name is not in the language of the record (for CONA, English), if it is overly long, or if it is not descriptive of the work, include a descriptive title
  2. If the preferred title or name is descriptive, but it is not in English, provide an English translation, flagged as Language = English-Preferred

Warrant for titles / names

- The record-preferred title must be found in at least one authoritative source; the repository's records are considered an authoritative source
- List as many variant or alternate titles as have at least one legitimate source
- A constructed descriptive title may be created by an expert editor if necessary; all constructed titles should be flagged

Specificity and brevity: Titles should be concise and specific to the work; it is recommended to record long inscriptions in the Inscriptions field, not as Title (but local practice may dictate otherwise)
CONA titles / names

- Preferred title in multiple languages (e.g., English and Chinese)
- Include historical titles or names; titles may have dates
- Include codes as titles (e.g., Ms. Latinus 1141)
- Parts of a whole should be linked to a record for the whole in hierarchical relationships (e.g., manuscript folios to the manuscript whole); however, some cataloging practice may dictate the inclusion of the volume name as a title also in the record for the part (e.g., Arenberg Hours)
- For works that have no title per se, repeat Work Type (e.g., Bannestone) or otherwise construct a title; see Guidelines
- If titles refer to subject matter, index the subject in General Subject and Specific Subject (e.g., using ULAN, index the sitter named in title Portrait of Madame Brunet)

Willis Tower (preferred,C,U,RP,English-P,U,U) ..... renamed 2009
Sears Tower (H,U,English,U,U)

Portrait of Madame Brunet (preferred,C,U,RP,English-P,U,U)
Portrait de Madame Brunet (C,U,RP,French-P,U,U)

Sacramentary of Charles le Chauve (preferred,C,U,RP,English-P,U,U)
Le Sacramentaire de Charles le Chauve (C,U,French-P,U,U)
Sacramentary of Metz (C,U,English,U,U)
Ms. Latinus 1141 (C,U,English,U,U)

A Cross in a Landscape (preferred,C,U,RP,English-P,U,U)
Arenberg Hours (C,U,VL,English,U,U)

Bannerstone (preferred,C,U,RP,English-P,U,U)

Three Peonies (preferred,C,U,RP,English-P,U,U)
Peonies (C,U,English,U,U)
牡丹 (C,U,Chinese-P,U,U)
<table>
<thead>
<tr>
<th>Catalog Level</th>
<th>Classification</th>
<th>Work Type</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Definition:</strong> An indication of the level of cataloging represented by the record, based on the physical form or intellectual content of the material; controlled list</td>
<td><strong>Definition:</strong> Placement of a work of art or architecture within a classification scheme that groups other, similar works together on the basis of similar characteristics; controlled list</td>
<td><strong>Definition:</strong> The kind of object or work described; use AAT Objects Facet</td>
</tr>
</tbody>
</table>

**Catalog Level:**
- item

**Work Types:**
- easel painting (painting by form) [300177435] (preferred)
- portrait [300015637]

**Classifications:**
- paintings (preferred)

**Catalog Level:**
- volume

**Work Types:**
- manuscript (documents) [300028569] (preferred)
- book of hours [300025457]

**Classifications:**
- manuscripts (preferred)
CONA Creator

**Definition:** For display, the name, brief biographical information, and roles (if necessary) of the named or anonymous individuals or corporate bodies responsible for the design, production, manufacture, or alteration of the work, presented in a syntax suitable for display to the end-user and including any necessary indications of uncertainty, ambiguity, and nuance.

- If there is no known creator, reference to the presumed culture or nationality of unknown creator (e.g., *unknown Celtic*).
- The display field is repeatable, to accommodate differing opinions regarding creator.
- Index the creator using ULAN; creator may be person or corporate body; include patrons and firms.

---

### Pref

**Creator Display**

- designed by Eero Saarinen (American, 1910-1961); posthumously, construction was supervised by firm of Eero Saarinen & Associates (American architectural firm, 1950-1961)

<table>
<thead>
<tr>
<th>Pref</th>
<th>Creator Display</th>
<th>Related Person/Corp</th>
<th>Creation Date</th>
<th>Location</th>
<th>Physical Characteristics</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Person/Corp Label</th>
<th>ULAN ID</th>
<th>Role</th>
<th>Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saarinen, Eero (American architect, designer, 1910-1961)</td>
<td>500006141</td>
<td>architect/30010</td>
<td></td>
</tr>
<tr>
<td>Eero Saarinen &amp; Associates (American architectural firm)</td>
<td>500119694</td>
<td>architectural firm/30002</td>
<td></td>
</tr>
<tr>
<td>Repp and Muntt, Inc. (American construction firm)</td>
<td>500329574</td>
<td>construction firm/35111</td>
<td></td>
</tr>
<tr>
<td>Disciples of Christ (American religious institution)</td>
<td>500329576</td>
<td>owner/38131</td>
<td></td>
</tr>
</tbody>
</table>
Fields associated with CONA Creator

- The display field is repeatable, to accommodate differing opinions regarding creator
- Index the creator using ULAN; may be person or corporate body
- Include patrons and firms; include Role, from AAT
- Include Extent and Qualifier from controlled lists, as appropriate

<table>
<thead>
<tr>
<th>WorkType/Class/Level</th>
<th>Creator Display</th>
<th>Related Person/Corp</th>
<th>Creation Date</th>
<th>Location</th>
<th>Physical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pref</td>
<td>Creator Display</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>Anthemios of Tralles (Byzantine architect and mathematician in Asia Minor, ca. 474-ca. 534) and Isidorus of Meletus, the Elder (Byzantine architect and engineer in Asia Minor, active</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Person/Corp Label</th>
<th>ULAN ID</th>
<th>Role</th>
<th>Extent</th>
<th>Qualifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthemios of Tralles (Byzantine architect and mathematician in Asia Minor, ca. 474-ca. 534) and Isidorus of Meletus, the Elder (Byzantine architect and engineer in Asia Minor, active</td>
<td>500120301</td>
<td>architect/30010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isidore of Miletus, I (Byzantine architect and engineer in Asia Minor, active</td>
<td>500104527</td>
<td>architect/30010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Justinian I, Emperor of the East (Byzantine emperor</td>
<td>500011337</td>
<td>patron/38121</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CONA Creation Date

**Definition:** A concise display description of the date or range of dates associated with the creation, design, production, presentation, performance, construction, or alteration of the work or its components, presented in a syntax suitable for display to the end-user and including any necessary indications of uncertainty, ambiguity, and nuance.

- Indexed with Start Date and End Date
- Use Date Qualifier from controlled list as appropriate

[Definition and examples from Getty.edu]
**Definition:** The name of the repository or, for monumental works and architecture, of a geographic location where the work is currently located. May also include discovery location and other types of locations.

- Include the repository numbers, if any.
- For repositories, link to ULAN.
- For geographic places, link to TGN.
- Use Current flag and Type controlled list.

**Required**

**CONA Current Location**

Visit [www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_1_work_type.html#3_6_1_20](http://www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_1_work_type.html#3_6_1_20) for more details.
CONA Materials and Techniques

- **Definition:** An indication of the substances or materials used in the creation of a work, as well as any implements, production or manufacturing techniques, processes, or methods incorporated in its fabrication, presented in a syntax suitable for display to the end-user and including any necessary indications of uncertainty, ambiguity, and nuance.

- Index by linking to the AAT
- Use Role, Flag, and Material Extent controlled lists as necessary

---

**Display Materials:** oil on canvas

<table>
<thead>
<tr>
<th>Term</th>
<th>AAT ID</th>
<th>Role</th>
<th>Flag</th>
<th>Material Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>oil paint (paint) (&lt;paint by composition or color)</td>
<td>300015050</td>
<td>medium</td>
<td></td>
<td>base</td>
</tr>
<tr>
<td>canvas (&lt;textile materials by process or technique)</td>
<td>300014078</td>
<td>support</td>
<td></td>
<td>component</td>
</tr>
</tbody>
</table>

**Display Materials:** hexagonal plan, concrete base, leaded copper spire, slate roof; welded steel buttresses support the roof

<table>
<thead>
<tr>
<th>Term</th>
<th>AAT ID</th>
<th>Role</th>
<th>Flag</th>
<th>Material Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>steel (alloy) (iron alloy, &lt;iron and iron alloy)</td>
<td>300133751</td>
<td>medium</td>
<td></td>
<td>footprint</td>
</tr>
<tr>
<td>concrete (inorganic material, &lt;materials by process or technique)</td>
<td>300010737</td>
<td>support</td>
<td></td>
<td>frame</td>
</tr>
</tbody>
</table>

---

Contributing to Getty Vocabularies
CONA Dimensions

- **Definition**: Information about the dimensions, size, or scale of the work, presented in a syntax suitable for display to the end-user and including any necessary indications of uncertainty, ambiguity, and nuance. It may include the scale of the work. It may also include the number of the parts of a complex work, series, or collection.

- Index the values; use additional fields as appropriate: use controlled format for Value field and controlled extensible lists for Unit, Type, Extent, Qualifier, Format, or Shape.
CONA Depicted Subject

General Depicted Subject

- **Definition:** Required. Indexing terms that characterize in general terms what the work depicts or what is depicted in it. This subject analysis is the minimum required. Controlled by extensible list.

### General Subject

<table>
<thead>
<tr>
<th>#</th>
<th>P</th>
<th>General Depicted</th>
<th>Indexing Type</th>
<th>Subject Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P</td>
<td>religion and mythology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>N</td>
<td>human figures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>N</td>
<td>allegory</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specific Depicted Subject

- **Definition:** Optional but strongly recommended. Indexing terms that characterize what the work depicts or what is depicted in it, including generic terms and proper names. These terms are more specific than the general subjects discussed above. They are drawn from AAT, TGN, ULAN, IA, and CONA work.

- Use Indexing Type and Subject Extent, as appropriate.

### Specific Subject

<table>
<thead>
<tr>
<th>P</th>
<th>Depicted Label</th>
<th>CONA ID</th>
<th>ULAN ID</th>
<th>TGN ID</th>
<th>AAT ID</th>
<th>Iconography Id</th>
<th>Indexing Type</th>
<th>Subject Extent</th>
<th>Term ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Adoration of the Magi (New Testament narrative)</td>
<td></td>
<td></td>
<td></td>
<td>1000083</td>
<td>identification</td>
<td>foreground</td>
<td>5000182</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Journey of the Magi (New Testament narrative)</td>
<td></td>
<td></td>
<td></td>
<td>1000231</td>
<td>background</td>
<td>5000381</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>continuous representation (&lt;visual and representation)</td>
<td>30005633</td>
<td></td>
<td></td>
<td></td>
<td>method of repres</td>
<td>100056330</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CONA Hierarchical Relationship

- **Definition:** The broader context(s) for the concept record; parents refer to Hierarchical Relationships, which are broader/narrower, reciprocal relationships between records.

- Hierarchical relationships between works in CONA are generally whole/part (rather than genus/species or instance).

- Hierarchical relationships are used to link parts to a whole, such as items in a group or set, parts of an architectural structure (such as a dome, that has an architect and dates separate from those of the building as a whole), prints in a volume, works in a series, folios in a manuscript, etc.

**CONA records in the hierarchy (structures in a complex)**

- Top of the CONA Hierarchy
  - .... **Built Works** (CONA facet)
  - .......... **Built Works by class:** religious, ceremonial, and funerary structures
  - .......... **Virabhadra Temple Complex** (temple complex; patrons: Virupanna Nayaka and Viranna; 1530/1540; Lepakshi (Andhra Pradesh, India))
  - .......... **Kalyanamandapa** (mandop; 1528; Lepakshi)
  - .......... **Mukhamandapa** (mandop; 1599; Lepakshi)
  - .......... **Papavinasesvara Temple** (temple (building); 1599; Lepakshi)
  - .......... **Parikrama** (pathway; 1599; Lepakshi)
  - .......... **Rangamandapa** (mandop; 1528; Lepakshi)
  - .......... **Virabhadra Temple** ((temple (building); 1528; Lepakshi)
  - .......... **Natyamandapa, Virabhadra Temple** (mandop; 1599; Lepakshi)
  - .......... **North Gopura, Virabhadra Temple** (gopura; 1528; Lepakshi)
  - .......... **North Gopura 2, Virabhadra Temple** (gopura; 1599; Lepakshi)
  - .......... **Visnu Temple** (temple (building); 1599; Lepakshi)

**facets in CONA**

- Built Works
- Movable Works
- Visual Surrogates
- Conceptual Works
- Unidentified Named Works
CONA Other Fields

Related Works

- **Definition**: Associative relationships to other work records in CONA, including important ties or connections between works, but excluding hierarchical relationships
- Examples include one work that is a study for another and works that are pendants
- Relationship Types are controlled; see Guidelines

<table>
<thead>
<tr>
<th>Relationship Type/Code</th>
<th>Entity</th>
<th>Related Entity/Term</th>
<th>Display Dt</th>
<th>Start Dt</th>
<th>End Dt</th>
<th>H</th>
<th>Subject ID</th>
<th>Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>4212 - pendant of</td>
<td>Movable Work</td>
<td>Terrestrial Globe</td>
<td></td>
<td></td>
<td></td>
<td>C</td>
<td>700000145</td>
<td>N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Relationship Type/Code</th>
<th>Entity</th>
<th>Related Entity/Term</th>
<th>Display Dt</th>
<th>Start Dt</th>
<th>End Dt</th>
<th>H</th>
<th>Subject ID</th>
<th>Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>4115 - study for</td>
<td>Movable Work</td>
<td>Madame Moitessier (NGA, F)</td>
<td></td>
<td></td>
<td></td>
<td>C</td>
<td>700008538</td>
<td>C</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Entity</th>
<th>Related Code</th>
<th>Related Entity Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>4115</td>
<td>study for</td>
<td>4116</td>
<td>study is</td>
</tr>
<tr>
<td>4116</td>
<td>study is</td>
<td>4115</td>
<td>study for</td>
</tr>
<tr>
<td>4117</td>
<td>prototype for</td>
<td>4118</td>
<td>prototype is</td>
</tr>
<tr>
<td>4118</td>
<td>prototype is</td>
<td>4117</td>
<td>prototype for</td>
</tr>
<tr>
<td>4121</td>
<td>cartoon for</td>
<td>4122</td>
<td>cartoon is</td>
</tr>
<tr>
<td>4122</td>
<td>cartoon is</td>
<td>4121</td>
<td>cartoon for</td>
</tr>
<tr>
<td>4125</td>
<td>model for</td>
<td>4126</td>
<td>model is</td>
</tr>
</tbody>
</table>
CONA Other Fields

Descriptive Note

- **Definition**: A narrative text or prose description and discussion of the work or group of works
- Sources should be listed; repeatable, multiple languages
- Free text; index important information in other relevant fields
- Should contain a single coherent statement covering some or all of the salient characteristics and historical significance; codicology or extent statement

This collection contains 2241 drawings representing some 200 projects by Ottawa architect Werner E. Noffke over a period of 60 years. Residences, offices, and commercial buildings, exhibition halls, and churches appear in the collection.

265 folios + 6 flyleaves, 47 half-page miniatures, 30 quarter-page miniatures, 12 small illuminations in the calendar pages. This lavish book of hours contains over eighty miniatures, and the texts included in the book indicate that the wealthy patron was almost certainly English.

<table>
<thead>
<tr>
<th>Note Language</th>
<th>English</th>
<th>German</th>
<th>Chinese</th>
<th>French</th>
</tr>
</thead>
</table>
| Commissioned by the Emperor Justinian, built in Constantinople in the 6th century. The structure, a domed basilica, was built in the amazingly short time of about six years, being completed in 537 CE. The architects were Anthemius of Tralles and Isidore of Miletus. For over 900 years it was Christendom's grandest place of worship; after the fall of the city to the Ottomans (1454), it became one of the principal mosques of Istanbul for almost 500 years.

<table>
<thead>
<tr>
<th>Contribs</th>
<th>Sources</th>
<th>Pag</th>
</tr>
</thead>
<tbody>
<tr>
<td>VP</td>
<td>Theoharidou, Architecture of H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grove Art Online (2008-)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maidstone, Hagia Sophia (1988)</td>
<td></td>
</tr>
</tbody>
</table>
CONA Other Fields

Culture

- **Definition:** The name of the culture, people, or nationality from which the work originated.
- If the creator is unknown, also add an appropriate Creator (e.g., *unknown Aztec*).

Style

- **Definition:** Indication of style, period, group or movement, as a description of a work of art that associates it with a defined style, historical period, group, school, or movement whose characteristics are represented in the work.
CONA Other Fields

Events

- **Definition:** Generic terminology referring to pertinent events in the history of the work, particularly used for exhibitions in which the work was displayed, alternative dating of a work, consecration of a building, or destruction of a work
- An event must always be accompanied by a place and/or a date

Optional

Images

- **Definition:** Persistent URLs recorded in the Media field
- Provide URLs for official or representative images of the work

```
# P Event Place TGN ID Display Date Start Dt End Dt
1 P exhibition D900 Departement de Ville-de-Paris (903ille-de-France, Fri 7002980) Salon des Ind500ependents de 1889 1889
```

[Further details and images from the source provided]
Optional

CONA Other Fields

Additional fields
There are several other fields available in CONA, including the following:

- Creation Number
- Copyright
- Provenance
- Watermarks
- Inscriptions
- Typeface
- Marks
- State
- Edition

[Image of CONA database fields]

[Link to CONA guidelines]
www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_2_physical_characteristics.html
CONA linking works depicted in visual surrogates

- Records for the surrogates linked to the work depicted

**Surrogate in GRI Photo Archive**

**Velázquez et al copy in the Uffizi after Rubens**

**LINKS**

**specific subject**

**Enough information in surrogate records to make minimal record for work depicted**
CONA linking movable works to architecture depicted

Development would be driven by needs, if any, of GRI

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

CONA ID 7000008539 Work Type: photograph
Title: Case Study House No. 21
Creator: Julius Shulman
Current Location: GRI Special Collections, Getty Center (Los Angeles, California); 2004.R.10-26622-32-LF

CONA ID 700000120 Work Type: architectural drawing
Title: Case Study House No. 21
Creator: Pierre Koenig
Current Location: GRI Special Collections, Getty Center (Los Angeles, California) 2006.M.30-

Based on

Preparatory for

Depicts

Depicted in

Contributing to Getty Vocabularies
CONA Sources

- **Literary warrant for titles and other information:** Evidence that the title and other information is supplied by the repository or other in authoritative sources
- Sources are required for all information in the CONA record
- Sources are controlled by a source file, comprising a Brief Citation, Full Citation, and unique source_ID
- See online Guidelines for rules to formulate citations

---

**Source ID:** 2000046880

**Merged Status:** Not Merged

**Brief Source:** Cave as Canvas exhibition, Smithsonian, Freer and Sackler (2004)

CONA Sources

- Prefer fielded information from the repository of the object, catalogues raisonnés, or authoritative cataloging projects
- Prefer the most authoritative, up-to-date sources available for the title and other information
- Scholarly books and articles, archival other sources may provide prose additional or alternative information, but often do not have full, fielded cataloging information for an initial CONA record
- For contributors not the repository, consult multiple sources for the preferred title; one source may be your institution’s database
- For sources of Descriptive Notes, do not plagiarize; analyze and paraphrase
- Do not guess or misrepresent the source information

Sources for CONA may include the following:

Authoritative data sources
- repository data records
- catalogues raisonnés
- exhibition catalogues
- repository catalogs and Web sites
- cataloging and documentation project records
- other authoritative online sources or databases

Other sources
- text books, scholarly books, articles
- inscriptions on art objects

Avoid Wikipedia and other crowd sourced resources, which are not consistently reliable nor considered scholarly
How to interpret sources

- For movable works, the primary source should be the records of the repository
- If the data from repository is not mapped, parsed, and loaded, it may be copied by hand into CONA
- Copy repository records verbatim
- Do not estimate or mispresent information from sources
- Interpretation may be necessary; e.g., CONA requires an artist name, even if it is “unknown South Netherlandish”
- Data that may be added by cataloger without direct source:
  - descriptive title
  - subject, other indexing fields
  - possibly flags and certain other information
How to interpret CONA sources

• Of scholarly writings, exhibition catalogues and catalogues raisonnés are most likely to contain enough fielded information to create a full catalog record in CONA

• However, prose discussions in art text books, encyclopedia, scholarly books and articles, etc. may provide alternative opinions that can be added to CONA, such as variant dates or attributions

• Provide links to the texts online (through Page field), if possible, to aid research and discovery
Contributing to IA
Additional resources re. contributing to IA

- The following slides include only a brief overview of contributing to the IA.
  - For full editorial instruction, see the IA Editorial Guidelines:
    www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_3_subject_authority.html#3_6_3_1_iconography_authority
  - For an overview presentation on the IA data, see IA: Introduction and Overview:
    www.getty.edu/research/tools/vocabularies/cona_ia_in_depth.pdf
  - To search IA online, use the bottom field in the search form on this page:
    http://www.getty.edu/research/tools/vocabularies/cona/index.html
IA contribution: First steps

• Communicate with the Getty Vocabulary Program (vocab@getty.edu) regarding the number of terms and topics to be covered by your contribution

• Are you supplying variant names or information for existing IA records? Or are you creating entirely new IA records?

• Arrange for the proper staff and resource materials for your project

• For each new IA name, determine that the proposed new IA record
  • is not already in the IA and
  • is within scope of the IA
  • [to learn of existing IA records, contact us vocab@getty.edu]

• Be prepared to supply data for all required fields, adhering to the IA Editorial Guidelines (online)
Scope of IA

- **IA, 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; special focus on non-Western with coreferences to other resources (7,200 terms) (e.g., Xibalba, Yemonja, शिव, Shiva, Bouddha couché, Flood of Deucalion, Viaggio dei Re Magi, French Revolution, Olouaipipilele, Niflheim, Mithras)
Scope of IA

- **Scope of IA**  The domain of the IA is the visual arts. The scope of IA includes proper names and other information for named events, themes and narratives from religion/mythology, legendary and fictional characters, themes from literature, works of literature and performing arts, and legendary and fictional places. IA includes proper names not covered by the other Getty Vocabularies, ULAN, TGN, CONA, or terms in AAT. IA is unique in the following ways: The coverage of IA is multilingual, multicultural, and global; IA is not rooted in Western iconography, but culturally is universal in scope. Where there is overlap with other resources, such as Iconclass and US Library of Congress subject authorities, links are made between IA and these resources. IA also shares areas of uniqueness common to all the Getty Vocabularies, when compared to other resources covering similar topics: In their global coverage of defined domain of visual arts, in citing published sources and contributors, in allowing interconnections among historical and current information, in accommodating the sometimes debated and ambiguous nature of art historical information, and in allowing complex relationships within and between Vocabularies.

- **What is excluded in IA?**  In general, out of scope for IA are topics and names included in the other Getty Vocabularies. Generic terms are found in AAT; personal names of historical people are found in ULAN; names of real places are found in TGN; and names of visual works are found in CONA. Also excluded are characters, themes, narratives, and other topics within the general scope of IA, as noted above, but which are not needed for cataloging, researching, or discovery of visual works.
Scope of IA

• Includes the proper names of subjects not covered by other Getty Vocabularies
• The IA includes named historical events, religious or mythological iconography, religious & fictional characters & places, themes from literature
• The Getty Iconography Authority grows through contributions
• Includes links to other sources, such as Iconclass and the US Library of Congress subject authorities

• Compliant with the Subject Authority of CDWA (Categories for the description of Works of Art)
  Compliant with the Subject Authority of CCO (Cataloging Cultural Objects)
• The IA has a thesaural structure
• It includes equivalence, associative, and hierarchical relationships

Not Included

• Generic terms for themes or subjects; see AAT (e.g., the proper name of the theme *Seated Buddha* goes in the IA, but the generic term for the hand gesture *abhaya mudra* goes in AAT)
• Names/titles of specific art works (although an art work’s title may simply repeat the subject name, so titles could appear the same as IA names); see CONA
• Proper names of real people or places; see ULAN and TGN
### Vocab links
- role/characteristic is ... Bodhisattva [AAT]
- symbolic attribute is ... lotus [AAT]
- culture/religion is ... Mahayana (Buddhism) [AAT]
- culture/religion is ... Theravada (Buddhism) [AAT]

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

### Display Date
- veneration in India flourished ca. 3rd-7th centuries
- Start: 200
- End: 9999

### Note
- The bodhisattva of infinite compassion and mercy; embodies the compassion of all Buddhas. Known in over 100 manifestations; is portrayed in different cultures as either female or male, as … …

### Contributors
- VP, BHA, BWR-P

### Sources
- Bowker, Oxford Dictionary of World Religions (1997);
- Dunhuang (2010);
- Huntington, Art of Ancient India (1985);
- Encyclopedia Britannica Online (2022-);
- LC: LC control no.: sh 85010492
Required Fields for IA

- preferred name
- variant names, as stated in Rules
- broad iconography type
- hierarchical relationships
- sources
- [descriptive note (optional but strongly recommended)]

* Note that there are default values for required fields and flags, used when the source database has no corresponding data for the element; see online Guidelines and XML contribution schema instructions
List of Fields for IA

3.6.3.16 IA: Iconography ID (required-default)
3.6.3.17 IA: Iconography Parent (required-default)
3.6.3.18 IA: General Iconography Type (required)
3.6.3.19 IA: Iconography Name (required)
3.6.3.20 IA: Name Sequence Number (required-default)
3.6.3.21 IA: Name Preferred Flag (required-default)
3.6.3.22 IA: Name Type (required-default)
3.6.3.23 IA: Name Qualifier
3.6.3.24 IA: Name Language
3.6.3.25 IA: Name Language Preferred Flag
3.6.3.26 IA: Name Source (required)
3.6.3.27 IA: Source Preferred Flag
3.6.3.28 IA: Source Page
3.6.3.29 IA: Descriptive Note
3.6.3.30 IA: Iconography Display Date
3.6.3.31 IA: Iconography Start Date and End Date
3.6.3.32 IA: Related Iconographic Subject
3.6.3.33 IA: Iconographic Relationship Type
3.6.3.34 IA: Iconographic Relationship Note
3.6.3.35 IA: Related Generic Concept
3.6.3.36 IA: Generic Concept Relationship Type
3.6.3.37 IA: Generic Concept Relationship Note
3.6.3.38 IA: Related Place
3.6.3.39 IA: Related Place Relationship Type
3.6.3.40 IA: Related Place Relationship Note
3.6.3.41 IA: Related Person / Corporate Body
3.6.3.42 IA: Related Person / Corp. Body Relationship Type
3.6.3.43 IA: Related Person / Corp. Body Relationship Note
3.6.3.44 IA: General Iconography Source
3.6.3.45 IA: Source Page

Editorial guidelines at
www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_3_subject_authority.html#3_6_3_16

As of this writing, the contribution format for the IA is not yet available; contact us at vocab@getty.edu
IA Names

- **Definition:** The names used to refer to the subject, including the preferred form of the name, which is the form most commonly found in published sources.
- It also includes synonyms and variant names for the subject, names in other languages.
- Must be equivalents: If a related subject name has a different meaning in authoritative sources, create a second record for the second subject concept and use qualifiers for both homographs.

<table>
<thead>
<tr>
<th>English Name</th>
<th>Foreign Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adoration of the Magi</td>
<td>Adorazione dei Magi</td>
</tr>
<tr>
<td>Hercules</td>
<td>Herakles</td>
</tr>
<tr>
<td>Ganesh</td>
<td>Reclining Buddha</td>
</tr>
<tr>
<td>Bouddha couché</td>
<td>涅槃仏</td>
</tr>
<tr>
<td>O louaipipilele</td>
<td>Virgin Hodegetria</td>
</tr>
<tr>
<td>World War I</td>
<td>Coronation of Napoleon Bonaparte</td>
</tr>
<tr>
<td>WWI</td>
<td>American Civil War</td>
</tr>
<tr>
<td>Death and the Miser</td>
<td>Snow White and the Seven Dwarfs</td>
</tr>
</tbody>
</table>
Fields associated with IA names

- Example of IA names and related fields
- Note that each name has a persistent, unique term_ID
- The unique ID for the IA record is called the “subject_ID”
- Languages, sources, and much other information in the record is also identified with unique IDs

For IA Subject ID: 901001080

<table>
<thead>
<tr>
<th>#</th>
<th>P</th>
<th>Name</th>
<th>Qualifier</th>
<th>Other Flags</th>
<th>Iconography Name Id</th>
</tr>
</thead>
<tbody>
<tr>
<td>1P</td>
<td></td>
<td>Reclining Buddha</td>
<td>Buddhist theme</td>
<td>translated</td>
<td>5001314</td>
</tr>
<tr>
<td>2V</td>
<td></td>
<td>Bouddha couché</td>
<td>Buddhist theme</td>
<td>former</td>
<td>5002294</td>
</tr>
<tr>
<td>3V</td>
<td></td>
<td>Buda reclinado</td>
<td>Buddhist theme</td>
<td>original</td>
<td>5002295</td>
</tr>
<tr>
<td>4V</td>
<td></td>
<td>涅槃仏</td>
<td>Buddhist theme</td>
<td></td>
<td>5002293</td>
</tr>
<tr>
<td>5V</td>
<td></td>
<td>Buddha in parinivana</td>
<td>Buddhist theme</td>
<td>constructed</td>
<td>5005535</td>
</tr>
<tr>
<td>6V</td>
<td></td>
<td>बुद्ध निर्वान</td>
<td>Buddhist theme</td>
<td>abbreviated</td>
<td>5006233</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Language Code</th>
<th>P</th>
<th>Term Type</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>P</td>
<td>Descriptor</td>
<td>Agnew, Reed, Ball, Cave Temples of Dunhuang (2016)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Bhattacharyya, Indian Buddhist Iconography (1924)</td>
</tr>
</tbody>
</table>
Required IA names

- It is required to record at least one name -- the record-preferred name, which is the name or phrase used most often in scholarly literature to refer to the subject
- Excluded are generic terms, and proper names of real persons, organizations, geographic places
- Note that the iconography record must stand for a unique, definable subject concept
- For the record-preferred name, use the name found most often in authoritative sources in English (the basic language of the catalog record for the IA):
  - topic-specific dictionaries, encyclopedia entries,
  - glossaries, tables of content,
  - museums and other cataloging institutions
- Include all variant names found in authoritative published sources; all names are equal in retrieval

Warrant for terms

- For a source to be considered valid warrant, the spelling, meaning, and usage of the iconographic subject name must be the same in the source as intended in the IA
- The descriptor must be found in at least three authoritative, published sources
- All other names, including alternate descriptors or used for terms, must be found in at least one authoritative source
- Where sources disagree, prefer the most recent scholarly sources
- Check established authorities: For subjects within the scope of established subject authorities, including Iconclass and the Library of Congress Authorities, add the names provided in those authorities
- Art work titles may be used in survey to establish IA names, if title conveys common iconographic subject content
  - e.g., *Judgement of Paris* is an iconographic subject, and also a common title; *Nightwatch* or *Le Déjeuner sur l'herbe* are titles of individual works, but not iconographic subjects in the IA

Contributing to Getty Vocabularies
Required IA names

How to construct an IA name
• If the name of the subject cannot be verified in authoritative sources, construct a name
• Use words from description in a source
• Extract or recombine words and phrases describing the subject from authoritative sources. For example, in a text on French history, the author may refer to the "coronation of Louis XIV..."

Proper names
• Include proper names of people and places as appropriate

Concise and specific
• Construct a name for the subject that is concise and specific; avoid long phrases and sentence-like structure

Meaning of the subject in context
• Create a name that is relatively unique and unambiguous within the context of related subjects (e.g., Coronation of Louis XIV; not Coronation of the King)

Formatting the name
• For constructed subject names in English, capitalize the first word and all nouns, pronouns, verbs, adverbs, adjectives, and subordinate conjunctions; use lower case for articles, coordinate conjunctions, and prepositions, unless they are the first word of the title. For titles in other languages, follow capitalization rules of that language
• For the preferred name, avoid abbreviations
• Follow other rules for Form and Syntax in the IA Guidelines
Required IA names

Qualifier

- It is required to include a brief descriptive phrase for each IA name
- Qualifier is recorded in a separate field, joined to the term with parentheses in displays
- The field is called qualifier, although it is not a true qualifier in the sense of thesaurus standards; instead it is a brief descriptive phrase for the name
- The qualifier should be in the language of the name
- Do not include a qualifier if you are unfamiliar with the language; leave the field blank
- See online Guidelines for further discussion
- As of this writing, the Qualifier field is linked directly to name; thus only one qualifier per name is possible
- In future, qualifier will be linked to language for name
**IA Hierarchical Relationship**

- **Definition:** The broader context(s) for the iconography record; parents refer to Hierarchical Relationships, which are broader/narrower, reciprocal relationships between records.

- Hierarchical relationships between records in the Iconography Authority are generally instance or whole/part (rather than genus/species).

- The Iconography Authority is polyhierarchical, meaning that concepts can belong to more than one parent.

---

**Facets of the IA**

- Legend, Religion, Mythology
- Literature andPerforming Arts
- Miscellaneous Allegory, Symbolism, Theme
- Miscellaneous Characters
- Miscellaneous Legendary Places
- Miscellaneous Themes and Narratives
- Named Events

---

**Records with their parents**

- Iconography Root
  - ....Religion, Mythology, and Legend
  - ........ Aztec iconography
  - ..........Aztec narratives
  - ............Ometeotl creation myth (Aztec narrative)
  - .................Prophecy of Tenochitlan (Aztec narrative)
**IA Broad Iconography Type**

**Definition:** A term indicating the general type of subject represented in the authority record.

**Values are controlled by an extensible list.**

**Event/Narrative**
For named events, activities, and narrative stories (e.g., Adoration of the Magi (Christian iconography) and the Battle of Bull Run (United States history)).

**Religion/Mythology/Legend**
General term for a subject that is not history, but from the realm of religion, myth, or legend. Used for such subjects when Event/Narrative, Literature, or Character/Person is not appropriate.

**Literature**
For named works of literature or performance (e.g., Dante, Divine Comedy).

**Character/Person**
For named people or beings who are included in the IA (e.g., Achilles (Greek legend), but not appropriate for ULAN).

**Named Legendary Animal**
For fictional named animals (e.g., the Nemean Lion). In extremely rare cases, a fictional named plant may be included here. Named historical animals should be recorded in ULAN.

**Legendary Place**
For named fictional or legendary places (e.g., the Maya underworld, Xibalba). Included are physical geography (e.g., fictional mountains) and administrative entities (e.g., fictional kingdoms).

**Legendary Built Work**
For named legendary or fictional architecture or structures (e.g., the Norse hall of the afterlife, Valhalla). Not to be confused with planned but not executed built works, which belong in CONA as a work record. A fictional built work is one that is named in literature or another source, but not having plans, an architect, etc.

**Allegory/Symbolism**
For allegorical or symbolic themes that have proper names (e.g., Triumph of Love over War). Generic allegorical and symbolic terms are in the AAT.

(Root Record, Facet, Guide Term; see Guidelines. Also see Guidelines re. how the Iconography Type relates to position in the Facets.)
Definition: An identification of what the subject is, as represented by the names in the IA record

It is a single coherent statement covering some or all of the salient characteristics and historical significance of the subject

Include additional information about the iconographical topic, including a discussion of its history, particularly noting any controversies or issues, presented in a form to be displayed to end users

May include descriptions of typical depictions of this subject

Optional but strongly recommended

Descriptive Note: Refers to an insurrection of 13 of Great Britain's North American colonies, from 1775 to 1783, which resulted in political independence and the formation of the United States of America. Satirical images of the American grievances against Britain appeared in the years before war broke out. Depictions of themes and battles of the war itself first appear in the late 1770s, during the period when the war was still taking place. Romanticized depictions of the American victories and of theme of independence were popular through the 19th century, and often include George Washington and other major American protagonists.

Descriptive Note: Mayan underworld, described in the Popol Vuh as a court below the surface of the Earth associated with death and with twelve gods or powerful rulers.

Descriptive Note: Ancient Greek sky and thunder god who ruled as king of the gods of Mount Olympus. He is analogous to Jupiter in the Roman religion, and his name is cognate with the first element of the name "Jupiter."
Optional

IA Other Fields

Iconography Date

- **Definition:** The date or range of dates during which the iconographical subject is relevant or was portrayed in art
- Includes a display date and start and end dates; see Guidelines

for *Adoration of the Magi*, a religious narrative, 9999 = continues now to be portrayed as a topic

<table>
<thead>
<tr>
<th>Display Date</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>from 4th century CE</td>
<td>300</td>
<td>9999</td>
</tr>
</tbody>
</table>

for *Battle of Bull Run*, a historical event

<table>
<thead>
<tr>
<th>Display Date</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 July 1861</td>
<td>1861</td>
<td>1861</td>
</tr>
</tbody>
</table>

Images

- **Definition:** Persistent URLs for images that are representative of the subject
- In the record sources field, include a link to the citation for the source, and in the page field the URL

for *Agastya (Hindu character)*

<table>
<thead>
<tr>
<th>Source</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Museum [online] (1999-)</td>
<td><a href="http://www.britishmuseum.org/rese">http://www.britishmuseum.org/rese</a></td>
</tr>
</tbody>
</table>
IA Other Fields

Related iconographic Subject: IA to IA

- **Definition:** Associative relationships within the Iconography Authority
- Link one IA subject to another IA subject when the relationship is direct and important, but not hierarchical
- Link only subjects for which the relationship is constant or usual. Do not link subjects that are only occasionally related in depictions
- Relationship types are controlled; see Guidelines for Shiva (Hindu deity)

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Related iconographic Subject: IA to AAT

- **Definition:** Roles or other terms that characterize significant aspects of the iconographic subject, drawn from the AAT
- Link the IA subject to the AAT when the relationship is direct and important; mention trivial characteristics
- Major roles and attributes: Record a term or terms that characterize the most role or significant characteristics of the subject
- Include all terms that refer to the following: physical characteristics (e.g., elephant), characteristic roles (e.g., savior, king), major functions (e.g., castle), activities (e.g., farming), purpose (e.g., transport), political anatomy (e.g., duchy), symbolic significance (e.g., charity), or other major characteristics

---

**Contributing to Getty Vocabularies**
Related Place: IA to TGN

- **Definition:** An indication of a geographic place related to the iconographical subject at hand
- Link the IA subject to the TGN when the relationship is direct and important; omit trivial references.
- If a historical event or mythological narrative took place in a named location, link it to TGN

for legendary Maya underworld, Xibalba

for event Battle of Bull Run, First

Related Person or Corporate Body: IA to ULAN

- **Definition:** An identification of people or corporate bodies associated with the iconographical subject
- Link the IA subject to ULAN when the relationship is direct and important; omit trivial references
- These are links to real people in ULAN

for Coronation of Napoleon I (French history)

for Beatrice (literary character, Dante)
IA Sources

- **Literary warrant for terms**: Published evidence that the form, spelling, usage, and meaning of the term are widely agreed upon in authoritative sources
- Sources are required for all information in the AAT record
- Sources in the Getty Vocabularies are controlled by a source file, comprising a Brief Citation, Full Citation, and unique source_ID
- See online Guidelines for rules to formulate citations

<table>
<thead>
<tr>
<th>Source ID: 2000052939</th>
<th>Merged Status: Not Merged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brief Source: Agnew, Reed, Ball, Cave Temples of Dunhuang (2016)</td>
<td></td>
</tr>
</tbody>
</table>
| Full Source: Agnew, Neville, Marcia Reed, and Tevvy Ball, ed. Cave Temples of Dunhuang: Buddhist Art on China’s Silk Road. Los Angeles: Getty Conservation Institute, 2016.
IA Sources

• For the record-preferred name, use the name found most often in authoritative sources: topic-specific dictionaries, encyclopedia entries, glossaries, tables of content, in language of the catalog record (English for the IA), and museums and other cataloging institutions
• For sources of Descriptive Notes, do not plagiarize; paraphrase
• Do not guess or misrepresent the source information

Sources for the IA may include the following:

Standard general reference sources
- encyclopedia and dictionaries on iconography
- reference sources such as Iconclass and LOC authorities
- books, articles on art history that discuss iconography of works
- repository Web sites or other sites that discuss iconography
- other authoritative online sources or databases

Other authoritative sources
- for subjects having to do with religion or mythology, authoritative sources on these topics
- for subjects having to do with historical events, authoritative sources on history
- Library of Congress subject headings

Other sources
- for a survey of titles of works, but only where the titles repeat the iconographic subject and are relevant for many works, repository Web sites or catalogs

Avoid Wikipedia and other crowd sourced resources, which are not consistently reliable nor considered scholarly
How to interpret IA sources

- How to determine if the iconographic name found in a source is a “name” or just a string of descriptive words?

- If the source is a dictionary, encyclopedia entry, or other authoritative source on iconography, religion, or history, the entry-form name, or an index entry, may be considered a valid name for the subject

How to construct an IA name

- If the name of the subject cannot be verified in authoritative sources, construct a name

- If the source is a specialty book on art or cultural heritage, a museum Web site, or other source that does not specialize in iconography per se but discusses the subjects portrayed in art, interpretation will be required

- Use words from a description in an authoritative source

  **Words from a text:** Extract or recombine words and phrases describing the subject from authoritative sources. For example, in a text on French history, the author may refer to the “Coronation of Louis XIV..."

- **Proper names:** Include proper names of people and places as appropriate

- For further rules for constructing a name, see Guidelines [www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_3_subject_authority.html#3_6_3_19](http://www.getty.edu/research/tools/vocabularies/guidelines/cona_3_6_3_subject_authority.html#3_6_3_19)
How to interpret IA sources

- For source of name, must be a clearly indicated as a proper name or formal subject phrase
- As with all sources, be certain that the reference is to an iconographic subject or event as defined in IA, not to a historical person or place, or to a generic concept
- Headings for encyclopedia entries; legend of illustration
- Entries in table of contents or back of book index;

Donaldson, Iconography of Buddhist Sculpture (2001)

Indra

Moore, Iconography of Religions (1977)

Parshvanatha
How to interpret IA sources

- May use running text, if the proper name is clearly distinguished

- May use a survey of titles of works as warrant, provided the title refers to an iconographic subject, not to only one specific work

Grove Art online

Shah, Jaina Iconography (1987)

Ratnaprabha

J. Paul Getty Museum

Adoration of the Shepherds

Xibalba

Metropolitan Museum of Art

The Adoration of the Shepherds

National Gallery of Art, Washington

The Adoration of the Shepherds
How to interpret IA sources

• Know the methodology of your source in order to interpret correctly for the IA; remember that the IA requires a brief name for the concept, not a long descriptive phrase
• Your source may include terms that belong in the AAT or another authority rather than the IA

• **Example:** Iconclass entries often include long phrases rather than names
• Pick the name out of the phrase, when using Iconclass as a source
• Nonetheless, cite Iconclass as a source for the name
• Many terms in Iconclass, such as the generic words *angels* and *saints* are recorded in the AAT, not in the IA
• Long descriptive phrases, which are not a named subject term or phrase, are out of scope for the IA
• If Iconclass is a reference, but the exact name form is not found in Iconclass, use Iconclass as an overall Record Source, and list the Iconclass number in the page field for that citation

<table>
<thead>
<tr>
<th>Iconclass Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11A</td>
<td>Deity, God (in general) ~ Christian religion</td>
</tr>
<tr>
<td>11B</td>
<td>the Holy Trinity, 'Trinitas coelestis'; Father, Son and Holy Ghost ~ Christian religion</td>
</tr>
<tr>
<td>11C</td>
<td>God the Father</td>
</tr>
<tr>
<td>11D</td>
<td>Christ</td>
</tr>
<tr>
<td>11E</td>
<td>the Holy Ghost</td>
</tr>
<tr>
<td>11F</td>
<td>the Virgin Mary</td>
</tr>
<tr>
<td>11G</td>
<td>angels</td>
</tr>
<tr>
<td>11H</td>
<td>saints</td>
</tr>
<tr>
<td>11I</td>
<td>prophets, sibyls, evangelists, Doctors of the Church; persons ~ the Bible (not in biblical context)</td>
</tr>
<tr>
<td>11J</td>
<td>devil(s) and demons</td>
</tr>
<tr>
<td>11K</td>
<td>Christian doctrine</td>
</tr>
<tr>
<td>11L</td>
<td>'Sapientia' and the Seven Virtues, i.e. the Three Theological and the Four Cardinal Virtues</td>
</tr>
<tr>
<td>11M</td>
<td>Vice, and the Seven Deadly Sins</td>
</tr>
<tr>
<td>11N</td>
<td>strife between Virtues and Vices, Psychomachy</td>
</tr>
<tr>
<td>11P</td>
<td>the Church (as institution)</td>
</tr>
</tbody>
</table>

73D17 Christ taking leave of Mary, usually Mary Magdalene present
11F23 upright figures of Mary without the Christ-child
Know the methodology of your source in order to interpret correctly for the IA; remember that the IA requires a brief name for the concept, not a long descriptive phrase.

Your source may include terms that belong in the AAT or another authority rather than the IA.

Example: Library of Congress Authorities

Topics and characters may include both real people and fictional or mythological characters.

Take care to place them in the correct authority, either ULAN or the IA.

Often LOC Authorities include names in multiple languages that are appropriately included in the IA.

The language is typically not listed; do not guess; leave Language field blank.

Include the LOC control number in the Page field so that the IA may be linked.

Include Permalink when there is one.

For the IA name “Zeus,” which is preferred by LOC.
Exercise

Editing a Candidate Concept in AAT
• Contributors submit candidate records to AAT
• The candidate concept is located in a “temp.parent” in the VCS editorial system, pen rests
Contributor data has been mapped from their system to VCS and loaded.

The contributor has provided an English term and two French terms.

Typically, the contributor would be asked to supply full data for all terms; in this case, VP will edit the record.
- Three sources are required
- Contributor’s DB is one source
- VP needs to look for two additional sources to verify the Descriptor, the term most commonly used in authoritative sources
- Museum sites may be used
• Check dictionaries and other authorities

• In this case, not found in OED or LOC
• The form and meaning of the term must be the same in the source as intended in the AAT record.

• Here the string is found in Grove Art.

• However, not as a “term” corresponding to the concept “pen rests.”
• May find warrant in online books and articles

Other items may include a pen rest and ink stand, which
For herself, she made an inkstand with pen-rest out of sheet copper.
• Record in the AAT after additional sources are added to the Descriptor
• Descriptor for nouns is often plural form (see Editorial Guidelines)
• A singular noun Alternate Descriptor is provided for the descriptor
• The Used For term with hyphen is added
- Write a Scope Note based on sources
- Include links to images, if possible

**Scope Notes**

<table>
<thead>
<tr>
<th>Note Language</th>
<th>Objects on which to place an inked pen during use.</th>
<th>Contribs</th>
<th>Sources</th>
<th>Pag</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
<td>VP</td>
<td>Lovett, British Library Compan</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Metropolitan Museum of Art [on]</td>
<td></td>
</tr>
</tbody>
</table>

[Images of objects related to inked pens and related artifacts]
• Find a location in AAT hierarchy
• Consider all viable options
• Make a choice based on best fit with existing AAT structure
• “Move” the new concept to this hierarchy in the editorial system
Thank you.

Patricia Harpring
Managing Editor
Getty Vocabulary Program

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vocab@getty.edu