# Union List of Artist Names®

## Introduction and Overview

Patricia Harpring
Managing Editor,
Getty Vocabulary Program

revised June 2022

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# Preface

- This presentation is an overview of ULAN

- ULAN is available in an [online search interface](), as XML, relational tables, and as Linked Open Data (LOD)
  http://www.getty.edu/research/tools/vocabularies/ulan/index.html

- For a full discussion of fields and editorial rules,
  see the [ULAN Editorial Guidelines]()
  http://www.getty.edu/research/tools/vocabularies/guidelines/index.html#tgn

- For the history of ULAN, see [About ULAN]()
  http://www.getty.edu/research/tools/vocabularies/ulan/about.html

- Questions? Contributions? Send an email to us at [vocab@getty.edu]()

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# See *Introduction to Controlled Vocabularies* and Editorial Guidelines for full discussion

**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.

Introduction to
**Controlled Vocabularies**

Terminology for Art, Architecture, and Other Cultural Works
UPDATED EDITION

Patricia Harpring

TURRIS BABEL

## The Getty Research Institute

Special Collections  |  Library  |  Search Tools & Databases  |  Scholars & Projects  |  Public...

Getty Vocabularies

### Editorial Guidelines

These documents contain information about editorial practice for the Art & Architecture Thesaurus (AAT)®, the Getty Thesaurus of Geographic Names (TGN)®, the Union List of Artist Names (ULAN)®, and the Cultural Objects Name Authority® (CONA). The guidelines are subject to frequent modification and addition.
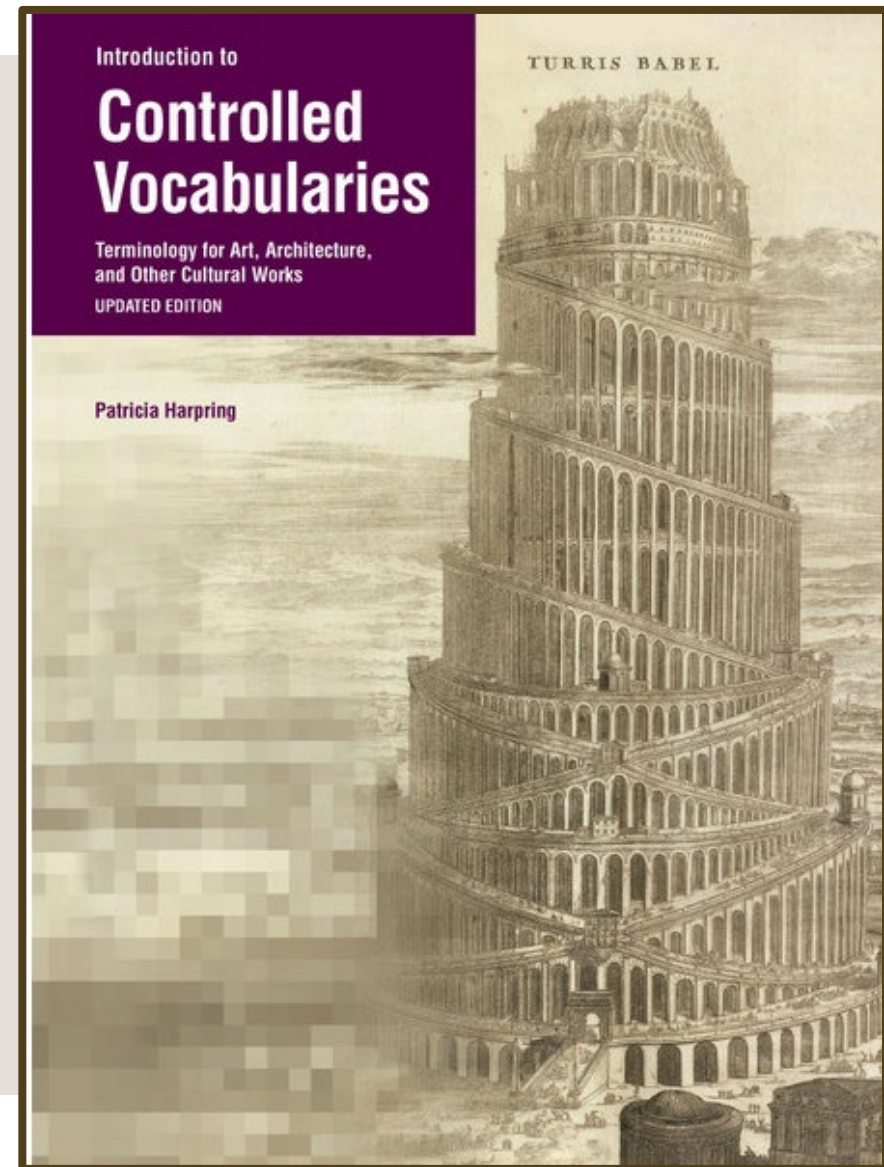
Union List of Artist Names

# ULAN in Context

Enabling research and discovery
for digital art history

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# What are the Getty Vocabularies?

- The Getty Vocabularies contain structured terminology for art, architecture, decorative arts, archival materials, visual surrogates, conservation, and bibliographic materials.
- Compliant with international standards, they provide authoritative information for catalogers, researchers, and data providers.
- The Getty Vocabularies strive to be ever more multilingual, multi-cultural, and inclusive. The vocabularies grow through contributions from institutions and projects comprising the expert user community.
- In the new linked, open environments, the Getty Vocabularies may provide a powerful conduit for research and discovery for digital art history.

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# What are the Getty Vocabularies?

- The Getty Vocabularies represent over 35 years of continuing international collaborative scholarship.
- From their inception, the Getty Vocabularies were designed to be linkable to each other and to the broader realm of cultural heritage information. For example, in the AAT, concepts are linked to each other through hierarchical and associative relationships.
- With the release of the Getty Vocabularies as Linked Open Data (LOD) a few years ago, the Getty became a leader in advancing the possibilities of technology to enable research and discovery of information about art, architecture, conservation, and other cultural heritage.
- The Getty Vocabularies are entering a new world of seemingly limitless possibilities in digital scholarship.

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## What are the Getty Vocabularies?

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- From their inception, the Getty Vocabularies were designed to be linkable to each other and to the broader realm of cultural heritage information. For example, in ULAN, records for people and corporate bodies are linked to each other through hierarchical and associative relationships.
- Through Linked Open Data (LOD) and other releases, the Getty Vocabularies are a leader in advancing the possibilities of technology to enable research and discovery of information about art, architecture, conservation, and other cultural heritage
- The Getty Vocabularies are entering a new world of seemingly limitless possibilities in digital scholarship
- In a global environment where we strive to be more open and equitable, while maintaining high standards for scholarship and research, Getty Vocabularies can be tools to facilitate such goals for art history and related disciplines
- Longstanding goals of the Getty Vocabulary Program are to make AAT, TGN, ULAN, CONA, and IA ever more multilingual, multicultural, and inclusive, focusing also on diversity, equity, unbiased and antiracist terminology, and accessibility. For more details, see
  https://www.getty.edu/research/tools/vocabularies/Vocabs_unbiased_terminology.pdf

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**What are the Getty Vocabularies?**

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

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## What are the Getty Vocabularies?

- **Coreferences:** They contain coreferences to other resources where topics overlap (e.g., *Vincent van Gogh (Dutch painter)*, ULAN http://vocab.getty.edu/page/ulan/500337743 = LOC https://lccn.loc.gov/nr2002038798 )

- **How unique:** Getty Vocabularies are unique in their global coverage of the 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

- **Rich knowledge bases:** They are not simple 'value vocabularies' or authorities; they are rich 'knowledge bases' in themselves, intended for research and discovery

- **Minimum vs rich:** 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

- **Multicultural:** Getty Vocabularies strive to be ever more multilingual, multicultural, and inclusive

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# What are the Getty Vocabularies?

- Target audience: The primary user communities and target audience of the Getty Vocabularies include researchers in art and architecture, art libraries, archives, visual resource collection catalogers, museums, special collections, other repositories of cultural heritage information, conservation specialists, archaeological projects, bibliographic indexing projects, and the information specialists who attend to the needs of these users. In addition, a significant number of users of the Getty Vocabularies are students or members of the general public.

- How the vocabularies are constructed: The AAT, ULAN, TGN, IA, and CONA are compiled resources that grow primarily through contributions from the expert user community, including large-scale international translation projects

- Increasingly, contributors are expert scholars or scholarly projects

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# Getty Vocabularies

Enabling digital art history

- **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, Crevole Master, Riza Abbasi, Altobelli & Molins, Rajaraja Museum*)
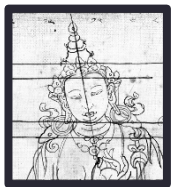
- **IA**, *Getty Iconography Authority™* includes proper names, relationships, and dates for iconographical narratives, religious or fictional characters, historical events, names of literary works and performing art; special focus on non-Western with coreferences to other resources including Iconclass for Western (e.g., *Viaggio dei Re Magi, Flood of Deucalion, French Revolution, Olouaipipilele, Xibalba, Niflheim, शिव, Shiva, Bouddha couché*)
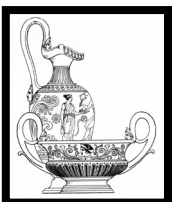
- **CONA**, *Cultural Objects Name Authority®* focuses on architecture, multiples, and works depicted in other works; includes titles, artist attribution, creation dates, relationships, and location for works whether extant or destroyed (new contribution: 70,000 works from BWR) (e.g., *Chayasomesvara Temple, Hagia Sofia, Αγία Σοφία ,The Lacemaker, La Dentellière, Merlettaia, Lion Throne Room,神奈川沖浪, Great Wave, Die große Welle,*)

# ULAN in Context
## Enabling digital art history

- All Getty Vocabularies have the same Core Structure
- All have the same core editorial rules, content is linked
- Getty Vocabularies are linked to each other
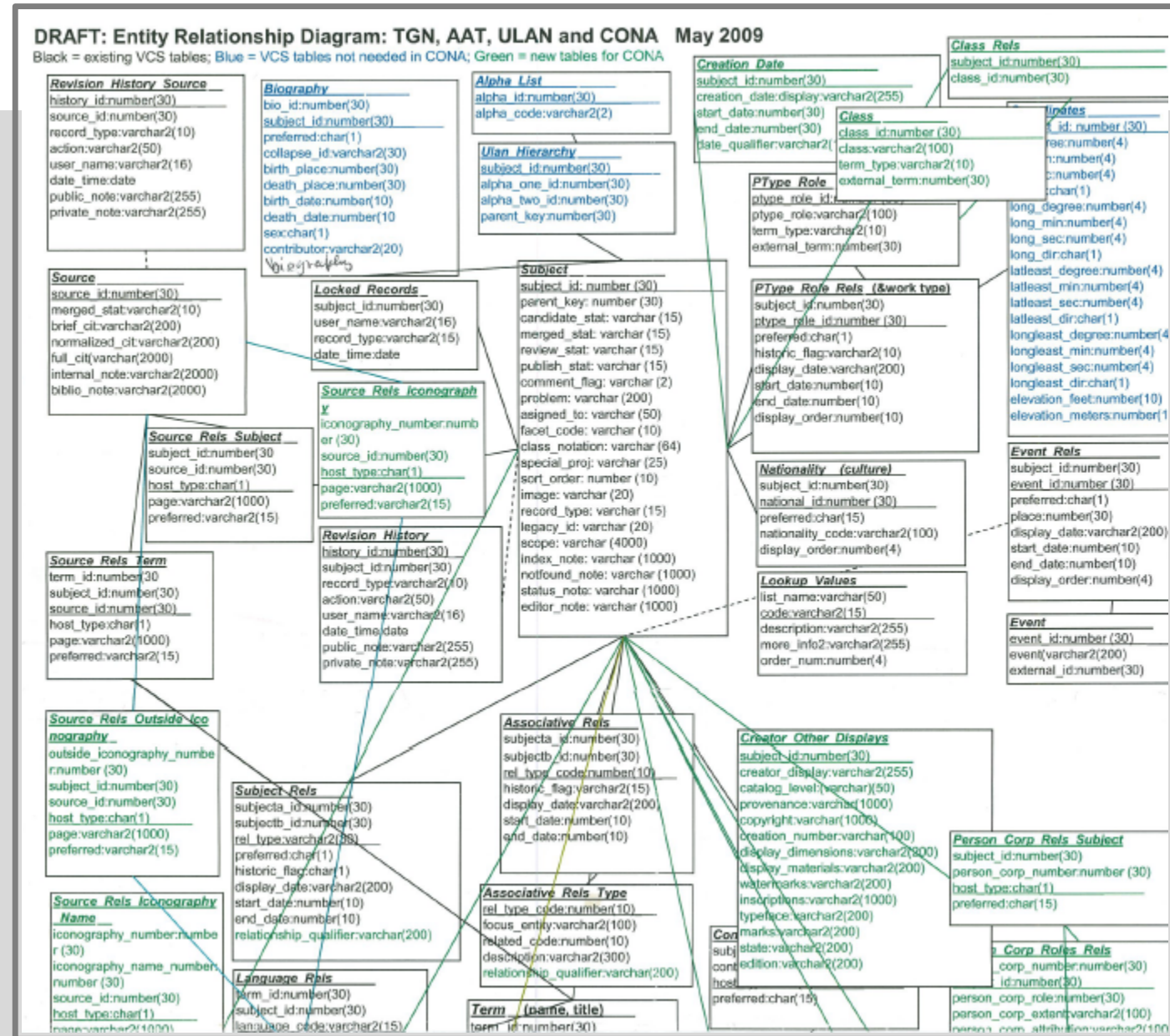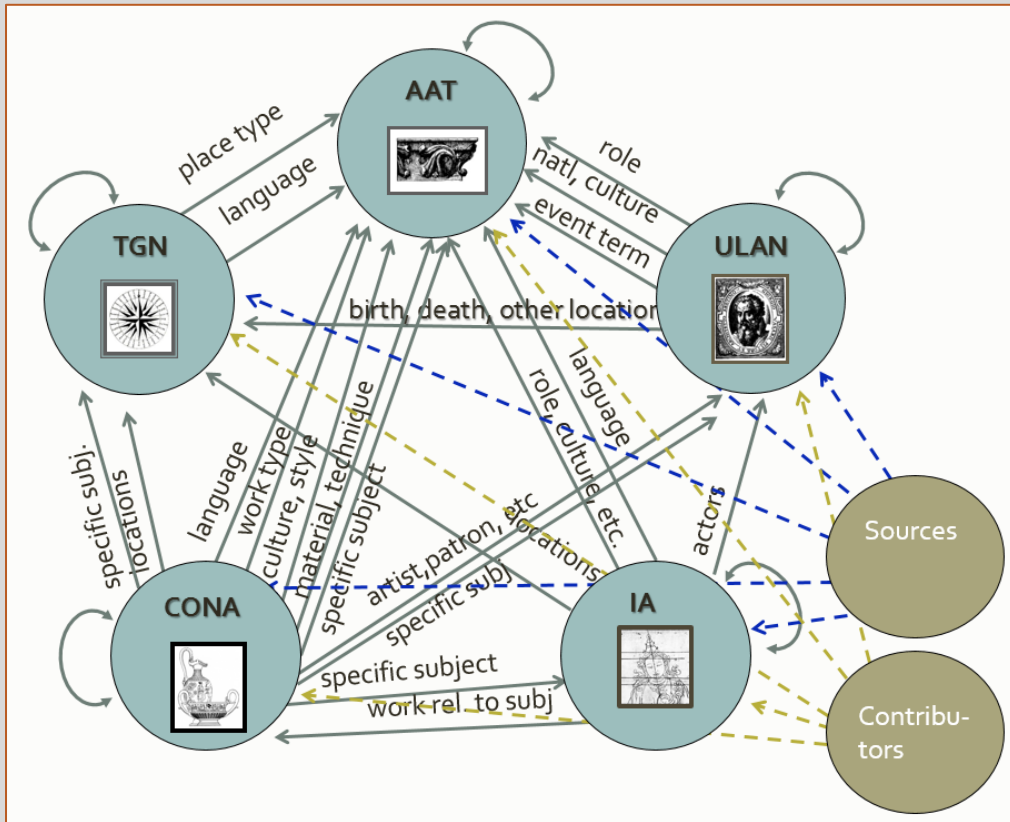




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# Contributors to the Getty Vocabs

- Contributors contact us at vocab@getty.edu
- Agree to conditions via online click through
- Send sample data, back-and-forth
- Send full data contribution in bulk
- Loaded by Getty Digital
- Processed by Getty Vocabulary Program
- Published in various formats monthly



Acquire contribution → Load / Process data → Distribute data
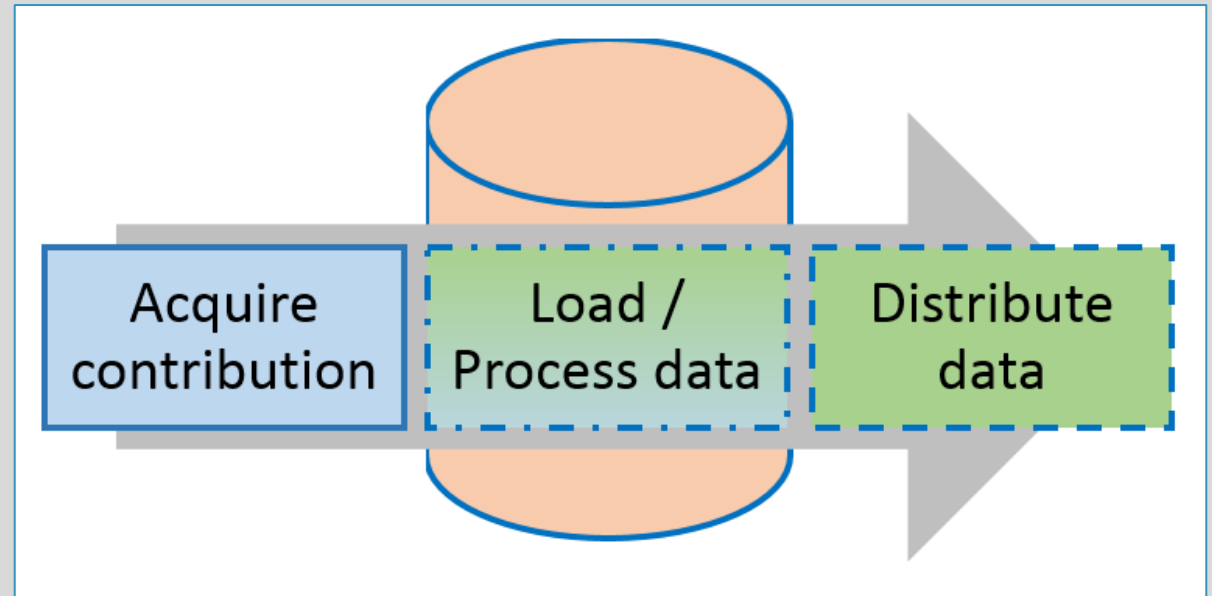
# CONTRIBUTORS TO

- Getty projects
- 300 institutions, consortia, other expert groups

**How is the data generated?**
- They may research and create original data for the purpose of contribution
  E.g., translations: Spanish, Dutch, Chinese, German

- Or may map data already collected in the course of their own work
  E.g., repositories and documentation projects

- Contributions:
  10s of thousands per year

**Getty projects are major contributors**

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

**Examples of other contributors**

Centro de Documentación de Bienes Patrimoniales, Santiago
Netherlands Institute for Art History
Staatliche Museen zu Berlin Preussischer Kulturbesit
Academia Sinica of Taiwan
Canadian Heritage Information Network
Istituto Centrale per il Catalogo e la Documentazione, Rome

**National documentation agencies, proj.**

Avery Architectural & Fine Arts Library
Courtauld Institute
Canadian Centre for Architecture
Frick Art Reference Library
Indiana University Digital Collections
Harry Ransom Center, University of Texas at Austin
Bunting Visual Resources Library, U. of New Mexico

**Image collections, libraries**

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

**Art repositories**

Grove Art online

**Publishers**

Florentine Codex

**Research Proj.**

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# Users of Getty Vocabularies

- Users are indexers and data providers for visual resources, archives, the museum and other collecting communities, conservation, and others cataloging art and researching art, architecture, archaeology, etc.

- A typical month: This chart is represents Web online searching Other access to the Vocabularies is provided via XML, Relational Tables, LOD
- Other sites in Chile, Germany, Taiwan, and the Netherlands
- Incorporated by VIAF and in other sites and projects

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

# USERS OF Getty Vocabularies

• A typical month: This chart is represents LOD use in a typical month

| | Hits | 206 Hits | Bandwidth | Average size |
|---|---|---|---|---|
| /sparql.csv | 1,045 | 0 | 251.92 MB | 246.86 KB |
| /doc/gvp-lod.pdf | 41 | 60 | 154.35 MB | 1.53 MB |
| /dataset/aat/full.zip | 19 | 105 | 3.21 GB | 26.47 MB |
| /doc/assoc-rels-matrix.pd | 17 | 3 | 1.17 MB | 59.97 KB |
| /dataset/aat/explicit.zip | 15 | 2 | 1.22 GB | 73.32 MB |
| /dataset/ulan/full.zip | 4 | 2 | 1.68 GB | 287.20 MB |
| /dataset/ulan/explicit.zip | 2 | 2 | 525.49 MB | 131.37 MB |
| /dataset/tgn/explicit.zip | 2 | 4 | 3.16 GB | 538.94 MB |
| /dataset/tgn/full.zip | 1 | 18 | 801.87 MB | 42.20 MB |

## Traffic on LOD site per month

**Reported period** Month Mar 2019
**First visit** 01 Mar 2019 - 00:00
**Last visit** 31 Mar 2019 - 23:59

Unique visitors
**4,439**

Viewed traffic *

Not viewed traffic includes traffic generated by robots, worms, or replies with special HTTP status codes

Number of visits
**11,733**
(2.64 visits/visitor)

Pages
**910,193**
(77.57 Pages/Visit)

Hits
**1,067,689**
(90.99 Hits/Visit)

Bandwidth
**85.48 GB**
(7639.56 KB/Visit)

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# USERS OF GETTY VOCABULARIES

**Distribution of users, Vocabs online search**
149 countries total; top 50 in one year

| Country | Users | Country | Users |
|---|---|---|---|
| United States | 79597 | Colombia | 612 |
| United Kingdom | 9125 | New Zealand | 594 |
| Canada | 6528 | South Korea | 565 |
| Germany | 5809 | Portugal | 553 |
| France | 5687 | Sweden | 542 |
| Italy | 4847 | Czech Republic | 522 |
| Spain | 4343 | Ireland | 480 |
| Netherlands | 4025 | Ukraine | 468 |
| Australia | 3378 | Hungary | 443 |
| Belgium | 2106 | Slovakia | 348 |
| Poland | 2017 | Turkey | 348 |
| Switzerland | 1962 | Chile | 336 |
| Russia | 1602 | Indonesia | 330 |
| Japan | 1572 | Denmark | 324 |
| Mexico | 1543 | Croatia | 306 |
| Brazil | 1398 | Finland | 300 |
| China | 1200 | Norway | 294 |
| Greece | 1200 | Singapore | 283 |
| Argentina | 1188 | Puerto Rico | 270 |
| Taiwan | 1087 | Egypt | 246 |
| Israel | 896 | Bulgaria | 234 |
| Austria | 894 | unidentified | 222 |
| India | 876 | South Africa | 215 |
| Hong Kong | 721 | Thailand | 193 |
| Philippines | 667 | Saudi Arabia | 168 |



Total users by country for online Vocab search
12 months



Getty Vocabularies
Users by country
4/2018 – 3/2019

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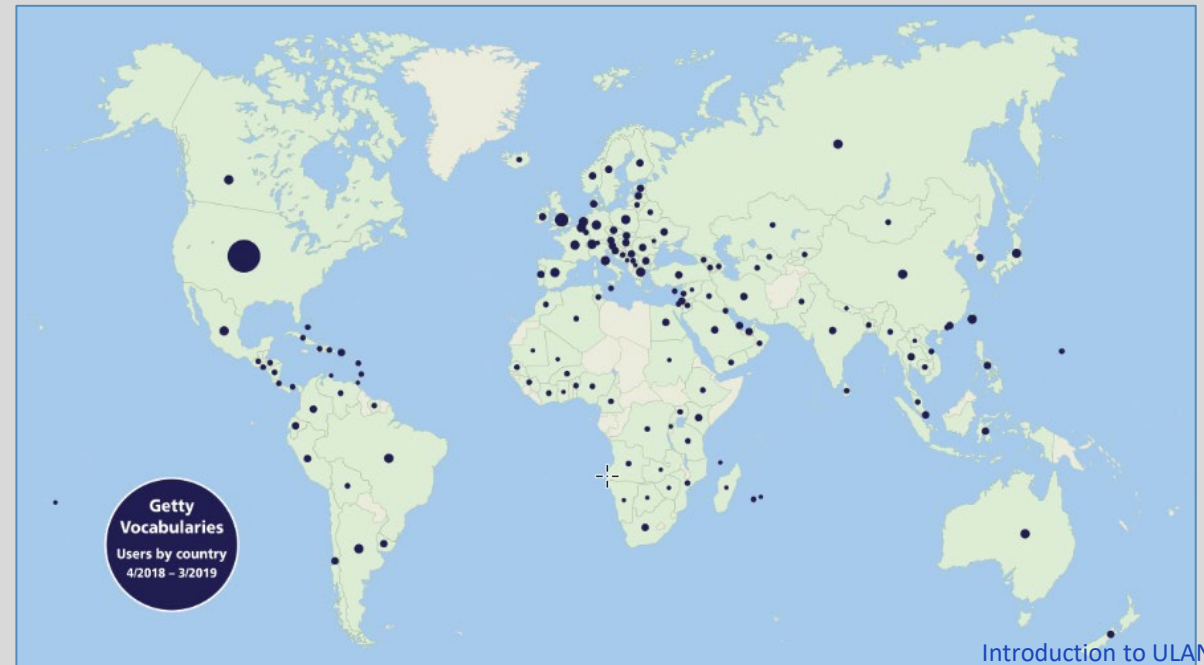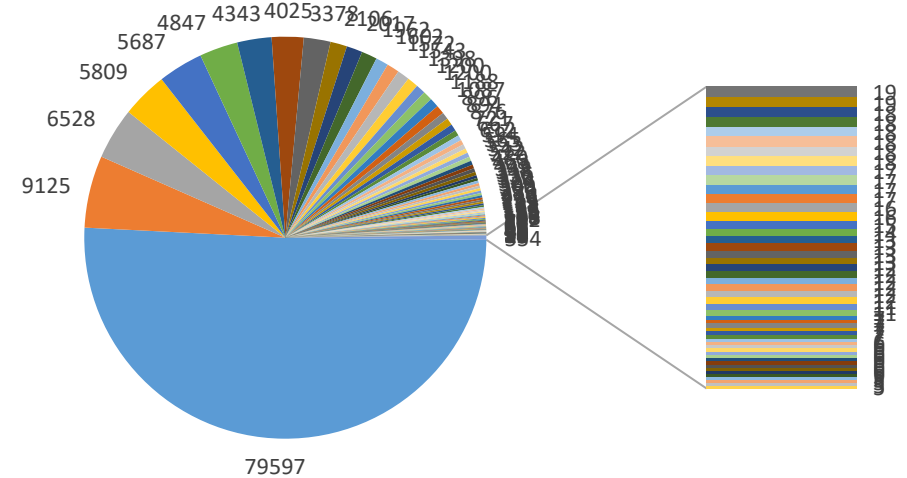
# WHAT IS ULAN?

Data and fields

Getty

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

# ULAN, the Union List of Artist Names®

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

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

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

# CURRENT STATUS

Current ULAN is heavily European, but our goal is to add more non-Western

## Nat./Cultures in ULAN

Records total: 305,684, recent count
Nat/cultures total linked: 351,773
*[a person may have multiple nationalities, cultures]*

**Partial list of Nationality/Culture/Ethnicity**
European 212,286
American 55,933
African American 517
Native American, First Nations 4,394 *[Heard]*
Mexican, Central-South 11,652
African 2,588
Middle Eastern 2,006 *[soon greater, IMJ]*
Indian subcontinent 1,370
East Asian 6,270
Canadian 4,812
Other 49,945

### Total Records by Nat/Culture/Eth in ULAN

Legend:
- Other
- American
- Canadian
- European
- Mexico,C&S Am
- Native Am
- African Am
- Middle E
- Indian subc
- East Asian
- African

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Achilles Painter
Abasi, Riza
رضا عباسى
An Qi
安岐
Bartolo di Fredi
Galleria degli Uffizi
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Sa'īd, Mahmūd
Skidmore, Owings & Merrill
unknown Mende
Vikramaditya I
Wren, Christopher
Zeuxiades
Ζευξιάδης

# ULAN, the Union List of Artist Names®

## Sample record

**ULAN ID:** 500060426

### Names:

Hokusai, Katsushika (pref,en,ja-trans,de)

Katsushika Hokusai (en,ja-trans)

Hokusai (en,ja-trans)

**葛飾 北斎** (ja)

Shunrō (en,ja-trans)

Tawaraya Sōri (en,ja-trans)

Kakō (en,ja-trans)

Tatsumasa (en,ja-trans)

Gakyōjin (en,ja-trans)

Taito (en,ja-trans)

Iichi (en,ja-trans)

Manji (en,ja-trans)

Tokitarō (en,ja-trans)

**時太郎** (ja)

**葛飾北濟** (ja)

### Nationalities:

Japanese (pref)

### Roles:  AAT

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

### Gender: male

**Birth and Death Places:**

Born: Tokyo (Kanto, Japan)) (inhab place)
Died: Tokyo (Kanto, Japan)) (inhab place)

**Events:**   AAT   TGN

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

**Associative Relationships:**

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

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

# ULAN, the Union List of Artist Names®

## Sample record

**ULAN ID:** 500060426

## Names:

Katsushika Hokusai
(pref,en,ja-trans,de)

Hokusai Katsushika (e

Hokusai (en,ja-trans)

葛飾 北斎 (ja)

Shunrō (en,ja-trans)

Tawaraya Sōri  (en,ja-trans)

Kakō  (en,ja-trans)

Tatsumasa (en,ja-trans)

Gakyōjin (en,ja-trans)

Taito  (en,ja-trans)

Iichi (en,ja-trans)

Manji (en,ja-trans)

Tokitarō (en,ja-trans)

時太郎 (ja)

葛飾北濟 (ja)

1500235399

1501214949

1500235408

1500705416

*Nationalities:*

Japanese (pref)

**AAT**

*Roles:*

artist

printmaker

painter

designer

calligrapher

draftsman

landscapist

marine artist

figure artist

ukiyo-e artist

*Gender:* male

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

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

**AAT**  **TGN**

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

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

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Introduction to ULAN

# ULAN Thesaural relationships

**ULAN has the basic structure of a thesaurus**

- Equivalence Relationships, Hierarchical Relationships, Associative Relationships
- Hierarchical relationships important for corporate bodies, divisions of corporate bodies and museums
- Associative relationships are important in ULAN for people and corporate bodies

Japanese printmaker and painter, 1760-1849

Hokusai, Katsushika
Katsushika Hokusai
Hokusai
葛飾 北斎
Shunrō
Sōri
Kakō  *equivalence*
Tatsumasa
Gakyōjin
Taito
Iichi
Manji
Tokitarō
時太郎

**Tōshūsai Sharaku** (Japanese printmaker, active 1794-1795) ← *possibly identified as*

*associative*

**Taito, Katsushika, II** (Japanese printmaker, active ca. 1820-1850) ← *teacher of*

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# SCOPE OF ULAN

- ULAN is a structured vocabulary containing names and other information about artists, patrons, firms, museums, and others related to the production and collection of art and architecture
- Names in ULAN may include given names, pseudonyms, variant spellings, names in multiple languages, and names that have changed over time (e.g., married names)
- Although it is displayed as a list, ULAN is structured as a thesaurus, compliant with ISO and NISO standards for thesaurus construction; it contains hierarchical, equivalence, and associative relationships
- The focus of each ULAN record is a person or corporate body
- Linked to each artist record are names, related artists, sources for the data, and notes
- The temporal coverage of the ULAN ranges from Antiquity to the present and the scope is global

# SCOPE OF ULAN

- Scope is people or corporate bodies who existed anytime or place, from Antiquity to the present

- Identified individuals or groups of individuals working together (corporate bodies)

- Goal is to become ever more multi-cultural and inclusive

- 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, including originators, rulers, patrons, originators, sitters, museums and other repositories of art

Getty

# SCOPE OF ULAN

## What is an artist?

- Artist: Person/group involved in the design or production of the visual arts that are of the type collected by art museums

- Although the objects themselves may actually be held by an ethnographic, anthropological, or other museum, or owned by a private collector

- Performance artists are included (but not persons involved in the performing arts)

- Architect: Person/group involved in the design or creation of architecture, which includes structures that are made by human beings, are large enough for human beings to enter, are of practical use, are relatively stable and permanent, considered to have aesthetic value

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# SCOPE OF ULAN

- In addition to individual artists and architects

- Patrons (e.g., *Emperor Hadrian* or *Lorenzo de'Medici*), sitters, others involved in design, creation, and maintenance of art and architecture

- Anonymous artists (e.g., *Elne Master*), unknown creators expressed as cultural group (e.g., *unknown Aztec*)

- Corporate Bodies may be included
- Group of people working together as an entity (not necessarily legally incorporated)
- E.g., architectural firms, photographic studios, families, and other groups of artists working together
- Museums and other repositories of art works (not building names)
- *(building names go in CONA)*

Getty

# SCOPE OF ULAN

## ULAN Facets

**Persons, Artists**

The main and original focus of ULAN, individuals who create or design art and architecture; includes anonymous hands

**Corporate Bodies**

Groups of people working together, not necessarily legally incorporated, studios, workshops, families, museums

**Non-Artists**

Individuals whose primary life roles are not artist;
for amateur artist, may have non-preferred broader context
as *Persons, Artists*

**Unknown People by Culture**

Creators or others whose identity is unknown, hand is udentified, known by culture, e.g., *unknown Aztec*

**Unidentified Named People**

People or corporate bodies known by name, usually from original sources such as archival documents and inventories, but whose identity and biography is not established

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# Data Elements in ULAN

Overview of fields

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# REQUIRED FIELDS FOR ULAN

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

# List of Major Fields for ULAN in VCS editorial system

**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 SOURC**
- 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

- **Data Dictionary for release formats are available from links on this page**
- **http://www.getty.edu/research/tools/vocabularies/obtain/download.html**

Getty

# List of Major Fields for ULAN in VCS editorial system

**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)*

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# List of Major Fields for ULAN in VCS editorial system

**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

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# RECORD TYPE

**Person:** An individual, whether or not identified by name (e.g., includes both named people and anonymous masters)

**Corporate Body:** A group of people working together, whether or not incorporated (e.g., museums, studios, workshops, firms)

**Cultural Group:**  Designations for which individuals are not known, but the creator or other actor is known by cultural affiliation
(e.g., *unknown Hopi*)

**Guide Term:** A sub-facet, directly under the facet level

**Facet:** Refers to the top of a facet, which is one of the major divisions of the ULAN

Getty

# Unique, persistent numeric IDs

**Subject ID**

- Unique numeric identification for the ULAN record
- Each concept in the ULAN database is uniquely identified by a numeric ID that serves to link the terms and all other pertinent information to the concept record

- ID is unique and generally persistent (permanent)
- Occasionally an ID may change due to record being unmerged or non-synonymous UFs removed (they then become Descriptors in a new record)
- Then new IDs are included in the licensed files, and a mapping between defunct and new IDs is provided to licensees

**Term ID:** Terms and other information also have unique, persistent IDs

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# Unique, persistent numeric ids

The record ("subject") and names have unique IDs

Subject_ID: 500115493
Record Type: person
Label: Dürer, Albrecht (German printmaker and painter, 1471-1528)
Scope Note: The son of a Nuremburg goldsmith of the same name, Albrecht Dürer was a prolific, popular, and widely influential artist. [...]
Terms/Names:
Dürer, Albrecht (preferred,V,index,LC,German-P,NA,U)  Term ID: 1500065078
Albrecht Dürer (V,display,German,NA,U) Term ID: 1500065071
Duerer, Albrecht (V) Term ID: 1500065075
Türer, Albrecht (H,V,BN) Term ID: 1500816255...early name, father changed family name from Ajtósi to Türer
Dürero, Alberto (V) Term ID: 1500816094
Durerus, Albertus (V) Term ID: 1500816096
Djurer, Albrecht (V) Term ID: 1500816099
Alberto Duro Tedesco (V) Term ID: 1 1500065068
デューラー, アルブレヒト (V,Japanese,NA,U) Term ID: 1500816101
阿尔布雷希特·丢勒 (V,Chinese,NA,U) Term ID: 1500816074

# Getty

# Data other than names has unique, persistent IDs

**Birth Place:** Nuremberg (Bavaria, Germany) **[TGN 7004334]**
**Hierarchical Position:**
Persons, Artists **Subject_ID 500000002**
.... Dürer, Albrecht **Subject_ID 500115493**
**Related concepts:**
**Code 1105** apprentice of .... Wolgemut, Michael **Subject_ID 500031446**
**Code 1106** apprentice was .... Traut, Wolf **Subject_ID 500002241**
**Code 1511** child of .... Dürer, Albrecht, the elder **Subject_ID 500102378**
**Code 1511** founder of .... Albrecht Dürer Workshop **Subject_ID 500356337**
**Code 1202** patron was .... Maximilian I, Holy Roman Emperor **Subject_ID 500260809**
**Roles:**
artist (preferred, C) **[AAT 300025103]**
engraver (printmaker) (C) **[AAT 300025165]**
woodcutter (printmaker) (C) **[AAT 300025178]**
mathematician (C) **[AAT 300025786]**
portraitist (C) **[AAT 300237351]**
religious artist (C) **[AAT 300386220]**

**Biographies:**
(German printmaker and painter, 1471-1528) ..... [VP Preferred]
(German painter, printmaker, 1471-1528) ..... [BHA]
(German printmaker and painter; born Nuremberg (Germany), 1471; died
Nuremberg (Germany), 1528) ..... [CCA]
(German painter, draughtsman, and printmaker, 1471-1528) ..... [GRLPA]
(German painter, 1471-1528) ..... [PROV]
(German, 1471-1528) ..... [JPGM]

**for Name:** Dürer, Albrecht
**Contributors:**
AVERY **[contrib 2500000008]** Preferred,
BHA **[contrib 2500000005]** Preferred,
CCA **[contrib 2500000007]** Preferred,
GRISC **[contrib 2500000016]** *etc.*

**Sources:**
Avery Authority files (1963-) **[source 2100042658]**
DNB: Deutsche Nationalbibliothek online (2000-)
**[source 2100155613 ]** ID: DNB|1030264538
Harald Szeemann papers, Finding Aid, GRI Special Collections (2011-)
**[source 2100156731]**
Israel Museum Jerusalem database **[source 2100181343]**
J. Paul Getty Museum, collections online (2000-)
**[source 2100039610]**
Library of Congress Authorities database (n.d.)
**[source 2100149014]** ID: n 79118011
Oxford Concise Dictionary of Art and Artists (1996)
**[source 2100039584 ]** Page: 158
Thieme-Becker, Allgemeines Lexikon der Künstler (1980-1986)
**[source 2100153979]**
VIAF: Virtual International Authority File (2009-)
**[source 2100154680 ]** ID: **http://viaf.org/viaf/54146999**
*etc.*

Also, links to outside resources

Getty

# Names

# NAMES
## What is a name in ULAN?

- 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

Getty

# Examples of Names

Kalf, Willem
Willem Kalf
Pei, I. M.
Burgkmair, Hans, the elder
Bartolo di Fredi
Gentile da Fabriano
Le Corbusier
Katshushika Hokusai

**葛飾 北斎**

Kicking Bear
Monogrammist ELA
Borden Limner
unknown Aztec
Brueghel family
Adler and Sullivan
Savonnerie Manufactory
National Gallery of Art

- inversions
- natural order
- initials
- transliterations
- elder, younger, titles
- patronymics and place names
- nicknames and pseudonyms
- transliterations and translations
- anonymous artists, hand is identified
- corporate bodies

# Preferred Names

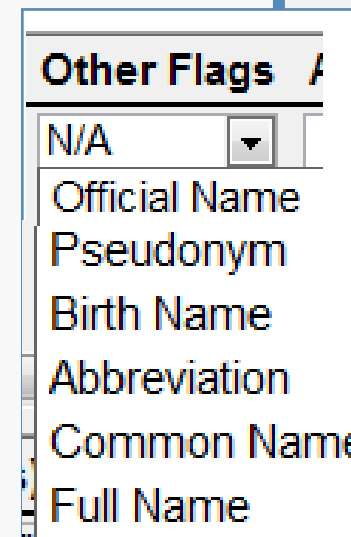- In each record, one name must be flagged "preferred"

- "Preferred" name is the name most commonly used in the literature

- Chosen from authoritative scholarly sources and general reference works

- Generally vernacular; but English (when there is an English equivalent, e.g., corporate bodies)

- Transliterated into Roman alphabet where necessary

- Please include variant names as well

Getty

# Preferred Names

Possible preferences indicated for each name

- Record-preferred
- Language-preferred
- Contributor-preferred
- Source-preferred
- Display or Index
- Current or Historical
- Official name, Birth name, etc. – "Other Flags"

**Other Flags**

| N/A ▾ |
| --- |
| Official Name |
| Pseudonym |
| Birth Name |
| Abbreviation |
| Common Name |
| Full Name |

Getty

# Names → Equivalence Relationships

Kahlo, Frida

Frida Kahlo

Kahlo de Rivera, Frida

Rivera, Frida

Kahlo y Calderon, Magdalena
   Carmen Frida

- Names represent the thesaural equivalence relationship Equivalence = multiple names for same person/corp. body
- one name is required – inverted & natural order
- Most records have multiple names



Getty
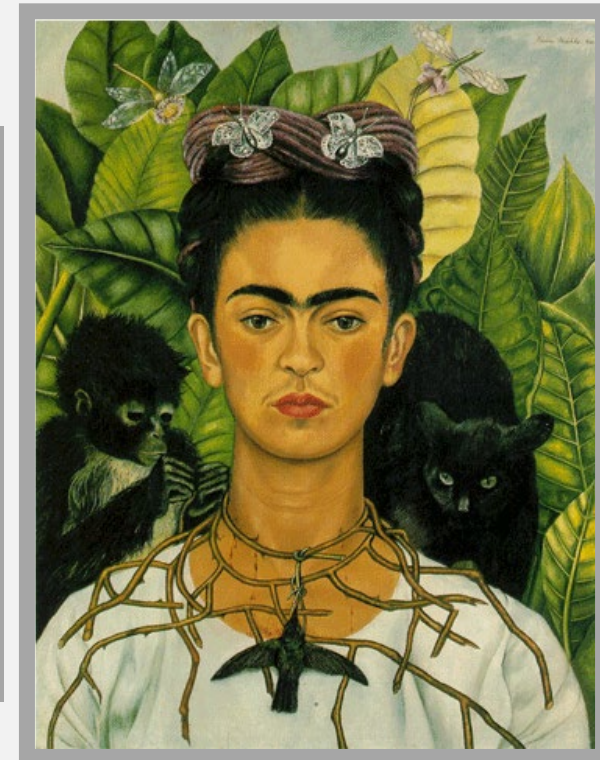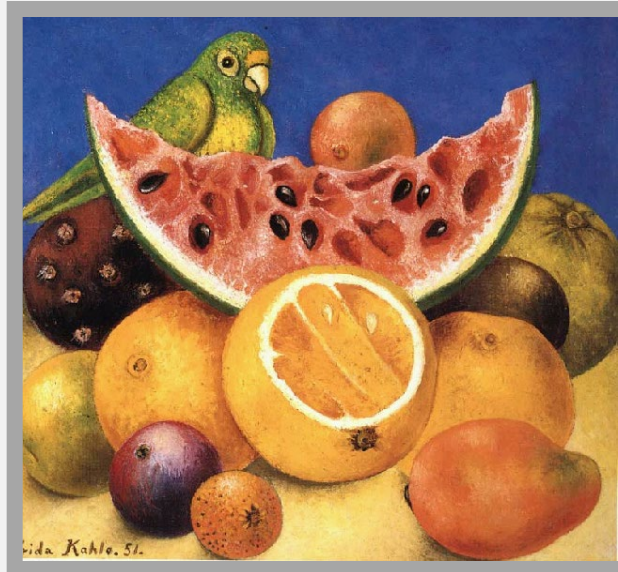
# Names = synonyms



Wren, Christopher *(preferred, index, LC)*

Christopher Wren *(display)*

Wren, Sir Christopher

- All names **must** refer to the same person or corporate body

- Generally only 2 to 4, not more than 15 names (obscure inventory or sales cat. names not mandatory or desirable, but published names and artist's signature are desired)



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## Pseudonyms, parenthetical names

Le Corbusier *(preferred, display, LC)*

Jeanneret, Charles Édouard

Charles Édouard  Jeanneret

Corbusier

Corbu

Jeanneret, Charles  Edouard

Jeanneret-Gris, Charles-Edouard



- Preferred name may be a pseudonym or nickname

- Do not include parenthetical names in one field

- Include other names as variant names in separate fields

Getty

# Initials

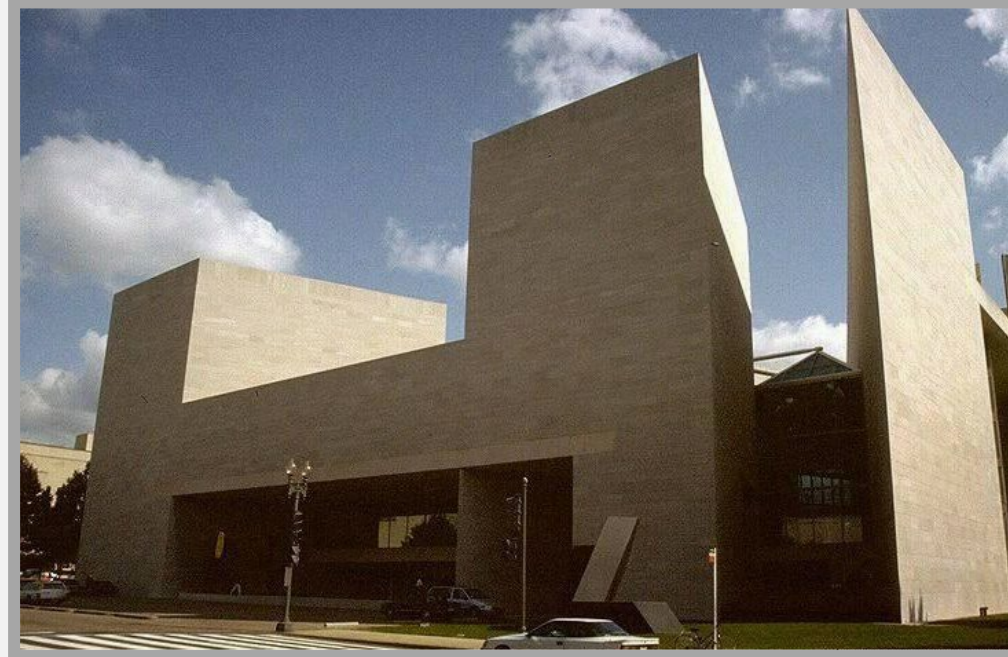**Pei, I. M.** *(preferred, index, LC)*

I. M. Pei *(display)*

Pei, Ieoh Ming

Bèi Yù Míng



- Use the initials or abbreviations in preferred name only when established by common usage warrant

- Periods, put a space between initials, with the exception of corporate initials established by warrant, such as *SOM*

- Include fuller name as variant name

# Elder, younger, etc.

**Brueghel, Jan, the elder** *(preferred, index)*
**Jan Brueghel the Elder** *(display)*
Bruegel, Jan *(LC)*
Brueghel, Jan, le jeune
Brueghel, Jan



- *Preferred name:* For members of same family that have same name, distinguish between the people by including *the younger, the elder, Jr.,* or *Sr.,* applied strictly according to the Rules

- *Preferred name:* "I", "II" are generally for members of a family with the same name, but not parent-child

- Other languages included as variant names (e.g., *le jeune*)

Getty

# ARTICLES, PREPOSITIONS

**Gogh, Vincent van** *(preferred, index, LC)*

**Vincent van Gogh** *(display)*

**Gogh, Vincent Willem van**

**van Gogh, Vincent**

- Preferred name: "last name" part of inverted name (left of comma) should not include article or preposition

- But depends upon common usage in standard authoritative sources

- All names: Generally do not capitalize articles and prepositions (e.g., *la, del, von, van der*) unless occasionally when they are the first word in the "last name" and warranted



Getty

# Patronyms and place name



Bartolo di Fredi *(preferred, display)*

Bartolo di Fredi Cini

Bartolo, di Fredi *(LC)*

Bartolo di Fredi Battilore

Bartolo di Maestro Fredi

Bartalus magistri Fredi

Bartolo Senese

- *Preferred name:* Use natural order form of the name for early Western, non-Western, pseudonyms, other cases where there is no inverted form or the inverted name is not the form most often used in your sources

- No "first" or "last" name, patronymic and place name

- Flag this as the Display Name

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# Non-Western Names



Dai Xi (preferred, display)

Dai, Xi (LC)

Dài Xī (Chinese, transliterated Pinyin)

Tai Hsi (Chinese, transliterated Wade-Giles)

Chunshi (sobriquet)

Yu'an (sobriquet)

戴熙 (Chinese)
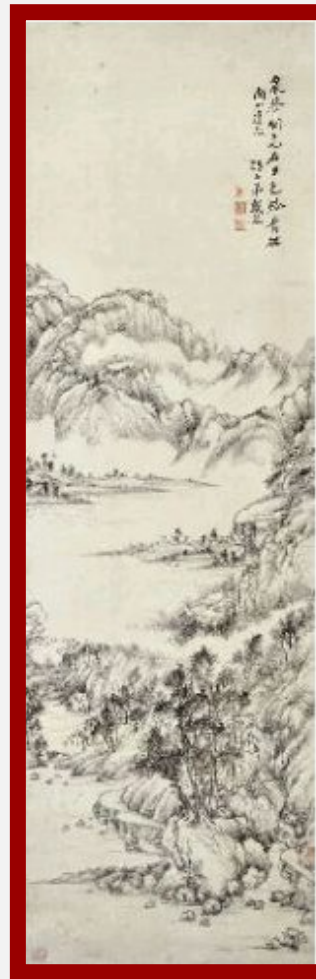
- Inverted or natural order, depending upon common usage in English sources

- Informed by rules of the language if you are an expert

- ULAN preferred not necessarily LC name
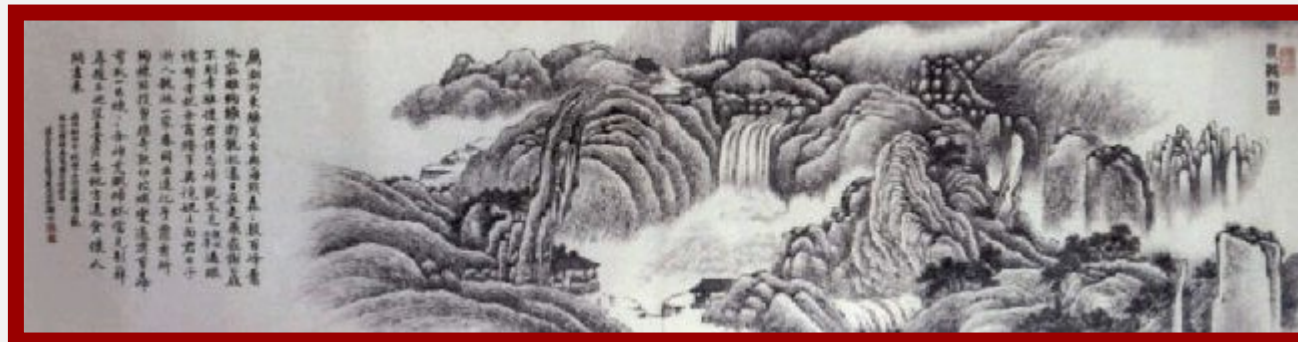


Dai Xi ; Landscape; sold at auction 28 November 2005. Admiring the waterfall (w/frontispiece & annotations); 1847; Sale Of Sotheby's Hong Kong: Monday, April 28, 2003 Images from ArtNet online.

Getty

# Languages

Giambologna *(preferred, display, Italian-P)*

Bologna, Giovanni *(Italian)*

Giovanni Bologna *(Italian)*

Giovanni da Bologna *(Italian)*

Bologne, Jean de *(French)*

Jean de Bologne *(French)*

Boulogne, Jean *(French)*

Gian Bologna *(Italian)*

▪ names in various languages, flagged when applicable

Getty
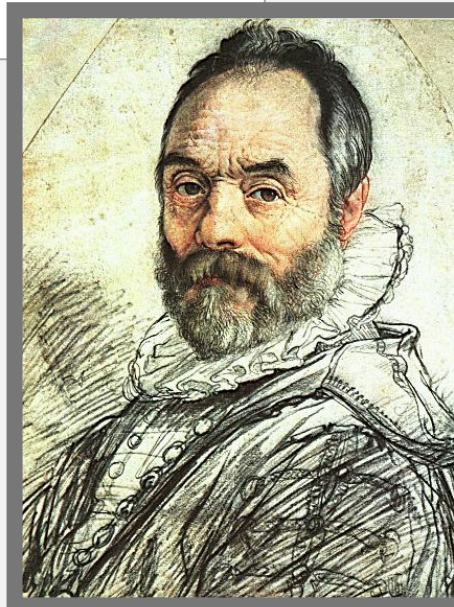
# Various transliterations, diacritics

Shishkin, Ivan (preferred, index, LC)

Ivan Shishkin (display)

Šiškin, Ivan Ivanovič

Chichkin, Ivan Ivanovitch

Schischkin, Iwan Iwanowitsch

Иван Иванович Шишкин

- Variant transliterations provide access

- Unicode

- Soon allow others, Russian Cyrillic, Chinese, etc.



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# TRANSLATIONS

- Common translations are important variants

- "coined" terms or names are not allowed

- translation must be found in published source

**Kicking Bear** *(preferred, English-P)*

**Mato Wanartaka** *(Native American language)*

# Married name
# Common misspelling

O'Keeffe, Georgia
Georgia O'Keeffe
O'Keefe, Georgia
Stieglitz, Alfred, Mrs.

- published misspellings provide access

# Former names, "incorrect" names

- Names for 14th-century *Sienese painter*

- Include spelling variations, former names (e.g., appellations used when the artist was anonymous)

Bulgarini, Bartolomeo
Bartolomeo Bolgarini
Bartolomeo Bolghini
Bartolomeo Bulgarini
Bartolommeo Bulgarini da Siena
Maestro d'Ovile
Master of the Ovile Madonna
Ovile Master
Lorenzetti, Ugolino
Ugolino Lorenzetti



Getty
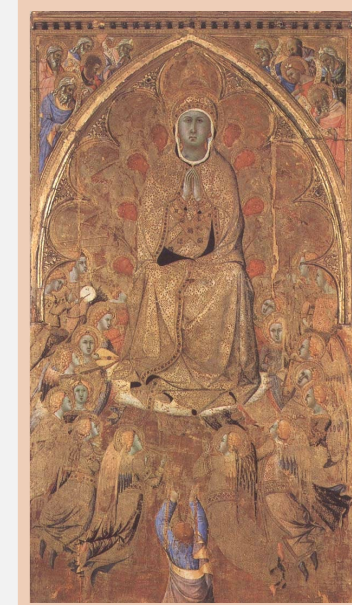
# Former names, "incorrect" names

- Names for 14th-century *Sienese painter*

- Include spelling variations, former names (e.g., appellations used when the artist was anonymous)

But do NOT include in same record unless it is generally agreed in scholarly sources that they are the same person. If uncertain, link as Related People.

Bulga...
Barto...
Barto...
Bartolomeo Bulgarini
Bartolommeo Bulgarini da Siena
Maestro d'Ovile
Master of the Ovile Madonna
Ovile Master
Lorenzetti, Ugolino
Ugolino Lorenzetti
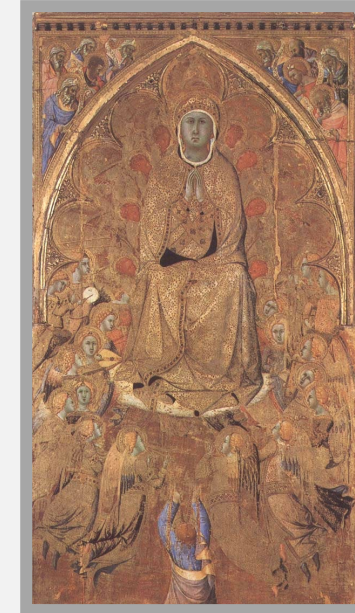
# Related People/Corporate Bodies

Jorge Afonso (Portuguese painter and court artist, born ca. 1470-1475, died before 1540)

→ Master of 1515 (Portuguese painter, active 1515)

**Relationship Type:**
possibly identified with

**Related Person:**
Master of 1515
    …(Portuguese painter, active 1515)



- Use for artists who are perhaps the same person
- If scholars are not sure, do not put the names in the same record; use associative relationships

Getty

# Anonymous Artist

For constructed names (i.e., for anonymous creators), preferred name = English for descriptive words in the name (e.g., Master, Monogrammist)

ID: 500055339

**Spitz Master** (preferred, display)
**Master of the Spitz Hours**

~~Master of the Spitz Hours~~ (V)

**Nationalities:**
French (**preferred**)

**Roles:**
artist (**preferred**)
painter
illuminator

**Gender:** male
illuminator

**Events:**
active: ca. 1415-1425

**List/Hierarchical Position:**
.... Person
........ Spitz Master

**Biographies:**
(French illuminator, active ca
(illuminator) ..... [GRLPSC]

**Sources and Contributors:**
Master of the Spitz Hours ........ [GRLPSC Preferred]
................................................. Plummer, Last Flowering (
Spitz Master ........ [VP Preferred]
1. Paul Getty Museum, collections online

- "Anonymous" artist = appellations are devised by scholars or museums
- when the hand (style), and oeuvre (works) are identified, approximate dates known, but the name of the artist is not known

Getty

# Unknown Artist



Inca Jaguar Ceremonial Drinking Cup (Inca qero). Smithsonian Institution, National Museum of the American Indian. Unknown Inca. Cusco, Peru. mid-16th to early 19th century.

Names:
        unknown Inca
        unknown Inka
        anonymous Inca
        anonymous Inka
        Incaic
Display Biography: Inca artist
Nationality/Culture: Inca
Hierarchical Position:
        Top of the ULAN List/Hierarchy
        ... Person (Facet)
        ..... <Unknown Artists>
        ........ Inca

- "Unknown" = culture of object or creator; facet in ULAN
- Used in the creator field when the person is not named and an anonymous personality (with established oeuvre) has not been identified; culture of the work is used

# Other information may be attached to names

Name: Le Corbusier
  Term ID: 1500074565

- unique ID for name

Display Date: *pseudonym adopted in 1920*

Start Date: *1920*  End Date: *9999*

- Dates when the name was or is still used

Contributors: AVERY Preferred, BHA Preferred, CCA Preferred, CENSUS Preferred, FDA Preferred, GRLPSC, VP Preferred

Sources:

Bénézit, Dictionnaire des Peintres (1976)

CCA Authority File (1980-)

Macmillan Encyclopedia of Architects (1982)

RILA/BHA (1975-2000)

- Sources and contributors for the name

# CORPORATE BODY NAMES      *a closer look*

Studio West Architects

Barrott, Marshall and Montgomery

Aegisthus Group

Gobelins Manufactory

J. Paul Getty Museum

della Robbia family

- ▪ names generally not inverted

- ▪ generally in English (see Rules for guidance)

- ▪ not necessarily legally incorporated

- ▪ appellations may be constructed by editors in certain defined cases

- ▪ if a constructed "name," descriptive term is in lower case

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.... **Beinfield Leth and Wagner** (American architectural firm, contemporary)

.... **Béique, Thout et associés** (Canadian architectural firm, contemporary)

.... **Bejarano y Fernández Arquitectos** (Colombian architectural firm, contemporary)

.... **BÉK** (Hungarian architectural society, contemporary)

.... **Bekkering Adams architecten** (Dutch architectural firm, contemporary)

.... **Beldam-Python Group** (Attic vase painters)

.... **Belgium. Ministerie van de Vlaamse Gemeenschap. Bouwemeester** (Belgian department, contemporary)

.... **Bellavite family** (Italian silversmiths, active 17th-20th centuries)

.... **Bellegambe family** (French painters, active 16th-17th centuries)

.... **Bellerophon Class** (Attic vase painters, active ca. 540-530 BCE)

.... **Bellevue Art Museum** (American museum, contemporary)

.... **Bell family** (English masons, active 16th century)

.... **Bell-Guilmet Associates** (American design firm, contemporary)

.... **Bellini family** (Italian artists, active 15th and 16th centuries)

.... **Bell, Klein and Hoffman, Architects and Restoration Consultants** (American architectural firm, active from 1973)

.... **Bell Puddy Australia** (Australian architectural firm, contemporary)

.... **Belzberg Architects** (American architectural firm, contemporary)

.... **Belzile, Brassard, Gallienne, Lavoie** (Canadian architectural firm, contemporary)

.... **Belzile, Gallienne, Lavoie, Martin, Architectes** (Canadian architectural firm, contemporary)

.... **Bembo family** (Italian painters, active 15th century)

.... **Benavides y Watmough Arquitectos** (Peruvian architectural firm, contemporary)

.... **Benchmark** (British furniture making firm, contemporary)

.... **Ben Dyer Associates** (American civil engineering firm

- Corporate Body = any group of two or more people working together
- Not necessarily legally incorporated

- architectural, photographic, etc. firms
- ateliers and studios
- manufactories
- repositories, museums
- families
- administrative originators of groups

Getty

# CORPORATE BODY NAMES

Skidmore, Owings & Merrill *(preferred, display, LC)*
 Skidmore, Owings and Merrill
 SOM *(abbreviation)*
 Skidmore, Owings & Merrill, LLP

- As with individual person record
- Corporate body record has at least one name
- Others included to provide access
- Prefer the name most often used in standard and scholarly sources



Getty

# CORPORATE BODY NAMES





■ Includes corporate bodies needed to record admini-strative origin of archival groups

U. S. Forest Service *(preferred)*
United States Forest Service
National Forest Service *(historical)*
United States National Forest Service *(historical)*

■ Consult official publications and Web sites for names and information about extant corporate bodies



Getty

1. ☐ ⬡ **Abdullah Frères**
(Turkish photography and painting studio, 1858-1899) [500033285]
**Abdullah Biraderler**
**Abdullah Bros.**
**Abdullah Brothers**
**Abdullah frères**
**Abdullah, Kevork, Vichen and Hovsep**

2. ☐ ⬡ **Adam family**
(British architects, active 17th-18th centuries) [500075129]

3. ☐ ⬡ **Adam family**
(German painters, active 18th-20th centuries) [500090706]

4. ☐ ⬡ **Adrada family**
(Spanish ceramicists, active 16th-17th centuries) [500081344]

5. ☐ ⬡ **Albanese family**
(Italian sculptors and architects, active 16th-17th centuries) [5001177]

6. ☐ ⬡ **Alberti family**
(Italian artists, active 16th-17th centuries) [500110643]

7. ☐ ⬡ **Albertolli family**
(Swiss artists and teachers, active 18th-19th centuries) [500120292]

8. ☐ ⬡ **Alken family**
(English artists, active 18th-19th centuries) [500121841]

9. ☐ ⬡ **Allio family**
(Italian family of artists, active 16th-18th centuries) [500121858]
**Aglio family**
**Allio de Löwenthal family**
**Garovaglio family**
**Laio family**
**Lalio family**

- Families included with corporate bodies
- Same characteristics as other corporate bodies

Getty

# CORPORATE BODY NAMES

Abdullah Frères *(preferred,display)*
Abdullah Biraderler
Abdullah Bros.
Abdullah Brothers

- Often hard to distinguish <u>family</u> from an <u>atelier</u>, thus problems would develop re. where to place the corporate body
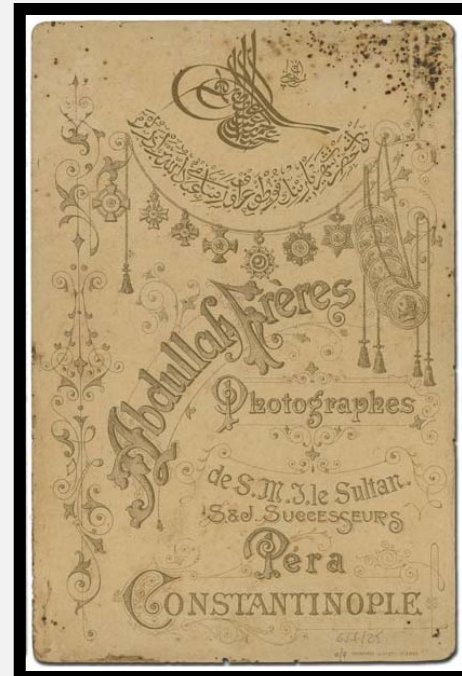




| # P | H | Role |
|---|---|---|
| 1 P | NA | studio |
| 2 N | NA | photography studio |
| 3 N | NA | artists |
| 4 N | NA | painters |
| 5 N | NA | photographers |
| 6 N | NA | family |

- Types of corporate bodies can be extracted by using "role" field as a query variable

Getty

# CORPORATE BODY NAMES

ID: 500109196                                          Record Type: Corporate Bo

Brueghel family (Flemish painters, active 16th-17th centuries

**Names:**
**Brueghel family** (preferred,V,display)
**Bruegel family** (V)
**Brügel family** (V)

**Nationalities:**
Flemish (preferred)

**Roles:**
artists (preferred)
painters
family

**Gender:** not applicable

**Events:**

- Members of the family are linked to the record for the family through associative relationships

**Related People or Corporate Bodies:**
member was ....   **Bruegel, Pieter, I**
....................   (Flemish painter, ca. 1525-1569) [500013247]
member was ....   **Brueghel, Abraham**
....................   (Flemish painter, ca. 1631-1690) [500001301]
member was ....   **Brueghel, Jan Baptist**
....................   (Flemish painter, 1647-1719) [500110935]
member was ....   **Brueghel, Jan Peeter**
....................   (Flemish painter, ca. 1628-ca. 1682) [500029934]
member was ....   **Brueghel, Jan, the elder**





Getty

Introduction to ULAN

## for Pieter Bruegel, I

**Related People or Corporate Bodies:**

child by marriage (in-law) of .... Coecke van Aelst, Pieter, the elder
........................................ (Flemish artist, architect, and author, 1502-1!

child by marriage (in-law) of .... Verhulst, Mayken
........................................ (Flemish painter, ca. 1520-1600) [500120359

collaborated with .... Balten, Pieter
........................................ (South Netherlandish painter, engraver, and writer, borr
1584) [500015430]

colleague of .... Clovio, Giulio
.................... (Croatian illuminator, 1498-1578, active in Italy) [500022657]

colleague of .... Cock, Hieronymus
.................... (Netherlandish artist, ca. 1510-1570) [500005618]

grandparent of .... Brueghel, Ambrosius
........................ (Flemish painter, 1617-1675) [500007956]

grandparent of .... Brueghel, Jan, the younger
........................ (Flemish painter and draftsman, 1601-1678) [500013747]

grandparent of .... Brueghel, Pieter, III
........................ (Flemish painter, born 1589, died after 1608) [500000792]

member of .... Brueghel family
.............. (Flemish painters, active 16th-17th centuries) [500109196]

parent of .... Brueghel, Jan, the elder
.............. (Flemish painter and draftsman, 1568-1625) [500007095]

parent of .... Brueghel, Pieter, II
.............. (Flemish painter, 1564/1565-1637/1638) [500023420]

related to (familial) .... Verhulst, Merten
........................................ (Flemish painter, active 16th century) [500082721]

- Do not build family trees, <u>only link artists</u> that are related
- Link through associative relationships, not hierarchical relationships
- Familial relationships along with professional

Getty

# Languages

Ethnological Museum *(preferred, English-P)*

Ethnologisches Museum *(German-P)*

Ethnographische Sammlung *(historical, German)*

Ethnographic Collection *(historical, English)*

.... name used from 1829

Cabinet of Art and Rarities *(historical, English)*

Kunst- und Raritätenkabinett *(historical, German)*

- Language often more pertinent with corporate bodies than people
- since corporate body names are often translated in published sources (while people's names rarely are)



Ethnological Museum, Berlin
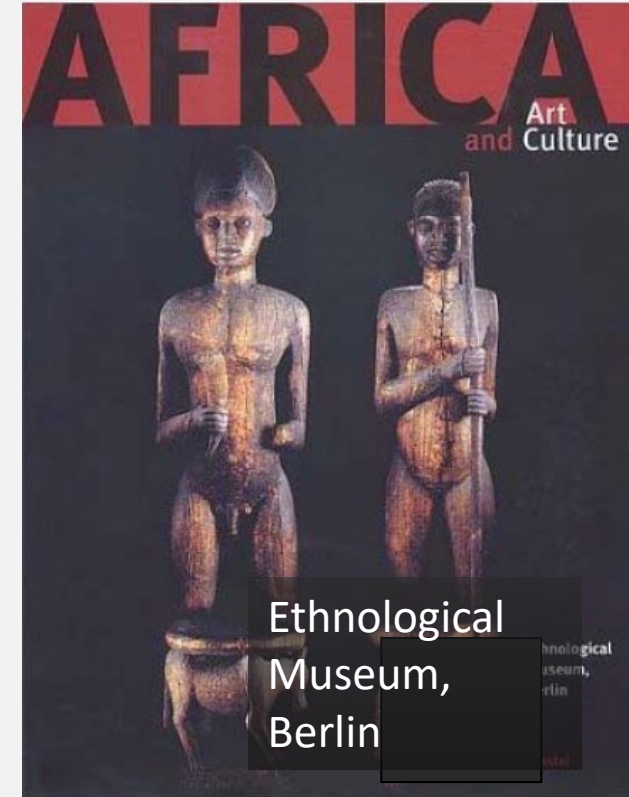
# Name changes

Bode Museum *(record-preferred, English-P)*
Bode-Museum *(German-P)*
Kaiser Friedrich Museum *(historical, German)*
Königlichen Museum *(historical, German)*
Royal Museum *(historical, English)*

- Names may change for corporate bodies over time
- Historical names are flagged



Getty

# Name changes

Morris & Co. *(preferred)* .... name of the firm after 1875

Morris and Company

Morris, Marshall, Faulkner & Co. *(historical)*.. original name, 1861-1875

Morris, Marshall, Faulkner and Company *(historical)*

- Dates may be included for names
- For corporate bodies, must carefully consult the editorial rules re. name changes
- Is the added name a Variant Name?
- Or should you make a second record; link the two corporate bodies as Related People/Corporate Bodies?

# Name changes

Morris & Co. *(preferred)* .... name of the firm after 1875

Morris and Company

Morris, Marshall, Faulkner & Co. *(historical)*.. original name, 1861-1875

Morris, Marshall, Faulkner and Company *(historical)*

- For one record: Generally include the former names as historical names in one record rather than making two records 1) if the corporate body is a historical studio or institution or 2) if the primary partners have remained the same for a modern firm.

- For separate records: Generally make two separate records 1) if the function or location of the historical corporate body changed with the name change, or 2) for a modern firm and legal incorporation, the primary partners have changed, and the firm apparently prefers to clearly distinguish its separate incarnations. Link the related corporate bodies.

Getty

# Associative Relationships

Getty

# Associative Relationships

RELATIONSHIP TYPE:

*members are*

RELATED PEOPLE:

Richard Meier

Michael Palladino

James R. Crawford

Bernhard Karpf

Reynolds Logan

Dukho Yeon

Vivian Lee

Richard Meier & Partners **Architects** LLP

- Associative = related people and corporate bodies, not hierarchical
- E.g., a corporate body may be related to people
- Relationships are reciprocal
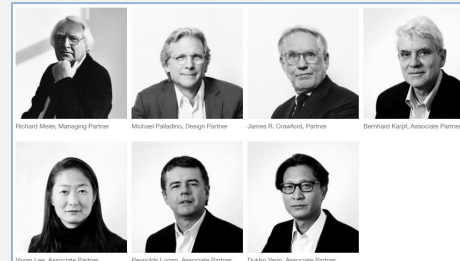
# RELATED PEOPLE/CORPORATE BODIES

for Albrecht Dürer (German, 1471-1528)

Relationship Type: *son of*

Related Person*:*

*Albrecht Dürer the elder*

Relationship Type: *student of*

Related Person:

*Michael Wolgemut*

Display Date: *from 1486 through 1490*

Start Date: *1486*   End Date: *1490*



- student/teacher relationships
- familial relationships if parent is also an artist
- dates of relationship
- Earliest and Latest are used for searching, do not display to end user

Getty
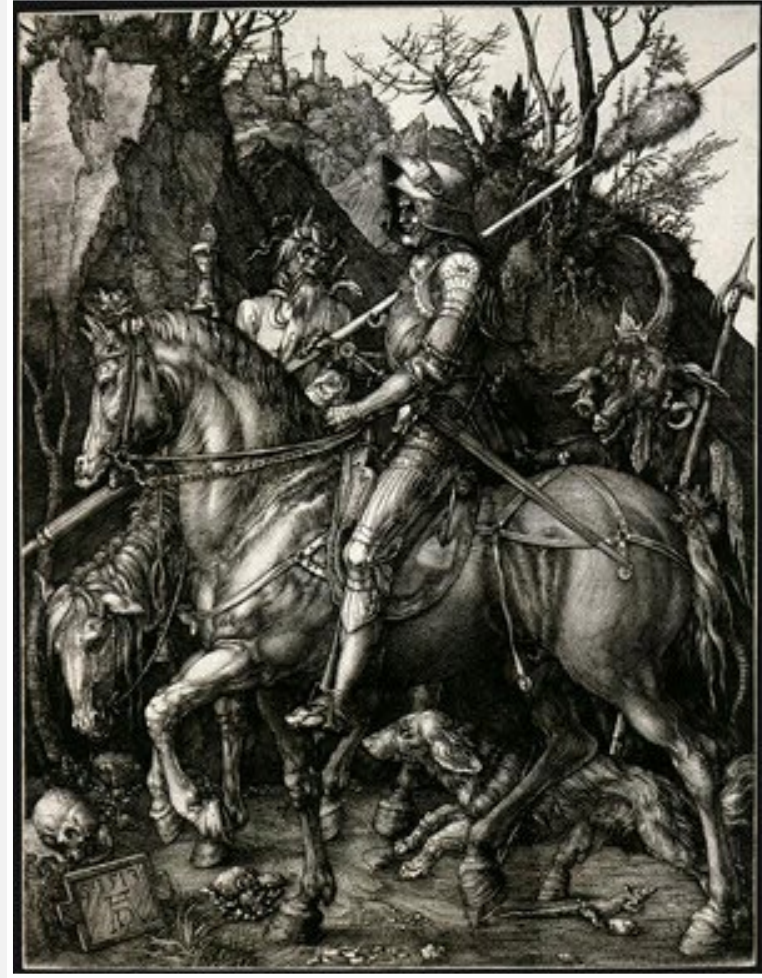
# Relationship Types

| 1000 | related to | 1000 |
|------|-----------|------|
| 1001 | miscellaneous | 1001 |
| 1003 | associated with | 1003 |
| 1005 | possibly identified with | 1005 |
| 1007 | distinguished from | 1007 |

○ *<person to person – teaching/learning>*
The following relationships may be used, as appropriate and described in scholarly literature. These refer to relationships between two people.

| 1101 | teacher of | 1102 |
|------|-----------|------|
| 1102 | student of | 1101 |
| 1105 | apprentice of | 1106 |
| 1106 | apprentice was | 1105 |
| 1107 | influenced | 1108 |
| 1108 | influenced by | 1107 |
| 1111 | master of | 1112 |
| 1112 | master was | 1111 |
| 1113 | fellow student of | 1113 |

○ *<person to person / person to firm – patronage>*
Generally for relationships between artists and patrons.

| 1201 | patron of | 1202 |
|------|-----------|------|
| 1202 | patron was | 1201 |
| 1205 | client of | 1206 |

- Choose the Relationship Type from controlled list
- Definitions are in the Editorial Manual and LOD documentation
- Arranged by guide terms

Getty

# Hierarchical Relationships

# HIERARCHICAL RELATIONSHIPS

BTG = Genus/Species (generic)

   AAT hierarchical relationships are usually BTG (*bronze* is a <u>type of</u>
       *metal*)

BTP = Part/Whole (partitive)

   TGN relationships are usually part/whole (*Tuscany* is <u>part of</u> *Italy*)

BTI = Instance

   used seldom or never in AAT and TGN, may be used in ULAN:

      a child is an example of the parent, often used with proper names
      arrayed under a generic terms

- For the parent *Persons, Artists, Picasso* is an <u>example of</u>
- If in some vocabulary or implementation (such as in Gallery Systems' implementation of TGN), for the parent *rivers*, *Nile* is an <u>example of</u> the parent

# Hierarchical Relationships

Gobelins
..... Gobelins Furniture Manufactory
..... Gobelins Marquetry Studio
..... Gobelins Pietra Dura Studio
..... Gobelins Metalwork Studio
.......... Gobelins Engraving Studio
.......... Gobelins Silversmiths' Studio
..... Gobelins Painting Studio
..... Gobelins Sculpture Studio
..... Gobelins Tapestry Manufactory
.......... Gobelins Dye Works

- Hierarchical in ULAN = whole/part (e.g., above, for corporate bodies) and instance (e.g., for facets)
- Represented with indentation in display



Getty

National Museums in Berlin (German federation of museums

🔷 .... Corporate Body
🔷 ........ National Museums in Berlin
🔷 ............ Art Library
🔷 ................ Museum of Photography ...part of Art Library since 2004

19th century)
Collection of Classical Antiquities (German museum, Berlin, founded in 1698)
Egyptian Museum (German museum, Berlin, founded in 1828)
Ethnological Museum (German museum, Berlin, founded in 1873 in its current configuration)
Friedrich Christian Flick Collection (German art collection, Berlin, contemporary)
Friedrichswerdersche Kirche collection (German art collection, Berlin, dating to 19th century)
Gemäldegalerie (German art collection, Berlin, dating to 19th century)
Hamburger Bahnhof - Museum für Gegenwart (German art collection, Berlin, in current configuration since 1996)
Museum Berggruen (German art museum, Berlin, founded in 2000)
Museum for Pre- and Early History (German museum, Berlin)
Museum of Decorative Arts (German decorative arts collection, Berlin, founded in 1868)
Kunstgewerbemuseum in Schloß Köpenick (German decorative arts collection, portion of the Museum of Decorative Arts Collection, B
Museum of East Asian Art (German art museum, Berlin, founded in 1906)
Museum of European Cultures (German art museum, Berlin, founded in 1999)
Museum of Folklore (former German folklore museum, Berlin, merged in 1999)
Museum of Indian Art (German art museum, Berlin, founded

- Dates may be associated with hierarchical relationships
- Start and End Dates index the Display Date
  Start: 2004
  End: 9999

Getty

Hierarchical displays and query results: name plus Display Biography

**Museum of Photography** (German art museum, Berlin, founded in current configuration in 2004)

In the Current Location field of the Work record for a photograph

Current Location:
**Museum of Photography** (Berlin, Germany)

- Data may be displayed differently for different purposes
- One display may be appropriate for hierarchical display and query results lists
- When repositories are used to index location in an art Work Record, by convention and CDWA/CCO rules, name should display with parent string instead of Display Biography field

Getty

# Biographical Information

# Display biography

for Jacques Louis David

**Display Biography:**

French painter and draftsman, 1748-1825



**NATIONALITY:** French

**ROLES:**

artist

painter

draftsman

portraitist(s)

**BIRTH DATE:** 1748

**DEATH DATE:** 1825

- Display vs. Indexing
- May be relatively simple to concatenate from fielded data

Getty

# Display biography

for Sèvres Porcelain Manufactory

**Display Biography:**
French porcelain manufactory, active from 1756 to the present



**NATIONALITY:** French
**ROLES:**
manufactory
porcelain makers
**START DATE:** 1756
**END DATE:** 9999

- Indexing also for corporate bodies
- E.g., end date for retrieval, not seen by end users

# DISPLAY BIOGRAPHY

for Payag

**DISPLAY BIOGRAPHY**: Indian painter, active ca. 1595- ca.1655

**NATIONALITY:**
Indian
Mughal

**ROLES:**
artist
painter
miniaturist
portraitist

**BIRTH DATE:** 1545
**DEATH DATE:** 1675

- Display may include expressions of approximation, uncertainty, and nuance

- "active," ca.

- estimate birth/death dates accordingly



Getty
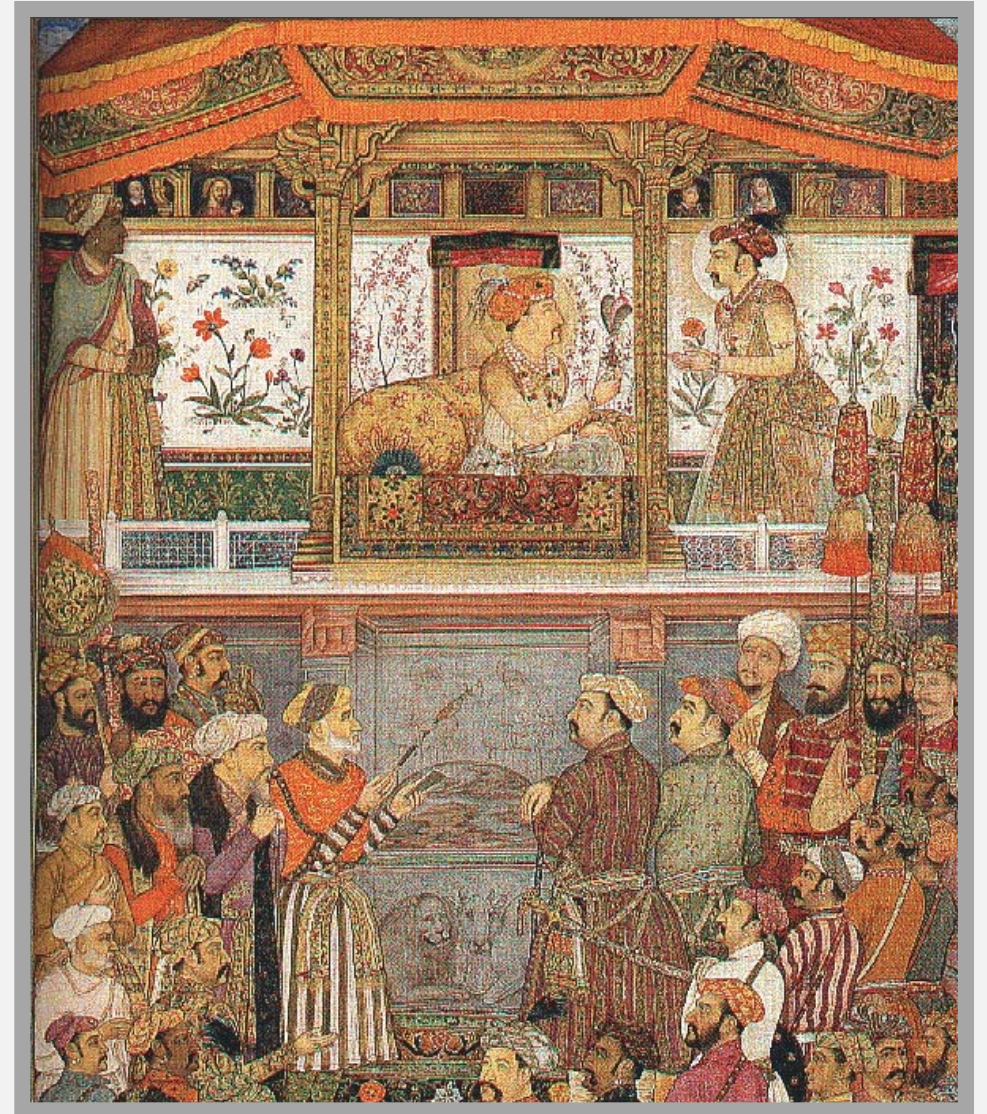
# DISPLAY BIOGRAPHY

Russian painter, 1793-1836

Canadian architect and engineer, 1898-1976

Belgian muralist and sculptor, born 1934

Mexican muralist, died 1917

English illuminator, ca. 1800-1874

Spanish sculptor, ca. 1710-ca. 1765

- No more than three roles in display

- If only birth or death date known, do not use hyphen (not "1934-")

- Use "ca." or "probably" as needed

Getty

# DISPLAY BIOGRAPHY

American miniaturist, active 1860s
Native American craftsman, 18th century
French printmaker, 1645/1648-1721
Roman sculptor, 1st century BCE

- Use "active" if life dates are unknown

- May list century

- For decades, do not use apostrophe (not "1860's")

- Use slash for "between"

- Use BCE and CE (not BC and AD)

Getty

# Indexing life dates

*Display Biography:* American painter, 1903-1970
*Birth Date:* 1903    *Death Date:* 1970


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


*Display Biography:* Japanese architect, born 1963
*Birth Date:* 1963    *Death Date:* 2063

- Rules have many examples; find one that fits your situation at hand


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


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


*Display Biography:* Canadian architect, contemporary
*Birth Date:* 1900    *Death Date:* 2090


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

Getty

# Indexing life dates

*Display Biography:* French architect, baptized 1598, died 1666
*Birth Date:* 1597    *Death Date:* 1666

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

*Display Biography:* German painter, master in 1315, died 1344
*Birth Date:* 1270    *Death Date:* 1344

*Display Biography:* British architectural firm, founded 1768, dissolved 1833
*Birth Date:* 1768    *Death Date:* 1833

*Display Biography:* French miniaturist, 14th century
*Birth Date:* 1300    *Death Date:* 1399

*Display Biography:* Florentine architect, 1300/1310-1362
Birth Date: 1300    Death Date: 1362

- Be sure to state only what is known in Display; e.g., don't state a birth date in display if only the date of Baptism is known

# Indexing the Role

| painter | architect | landscape architect |
|---------|-----------|---------------------|
| sculptor | architectural firm | portraitist |
| printmaker | museum | marine painter |
| go | | |
| illu | | |
| | | |

- Controlled list mapped to AAT (will be linked to AAT)
- Try to list specific role in Display, but general *artist* and very specific in indexing

*Display Biography:* Russian painter, 1789-1852
*Roles:* artist *(preferred)*
      painter
      portraitist
      watercolorist

- In the Display Biography, if you do not know the specific role or roles, use the general "artist."

*Display Biography:* German artist, ca.1488-after 1535
*Role:* artist *(preferred)*

Getty

# INDEXING THE ROLE

*For Willem Kalf*

**DISPLAY BIOGRAPHY:**

Dutch painter, 1619-1693

**LIFE ROLES:**

artist *(preferred)*

painter

still life painter

art dealer

- "artist" is typically the first (preferred) role
- General to specific
- List non-preferred in order of importance or chronologically



Getty

# Indexing the Role

*For Giovanni Battista Piranesi*

Italian printmaker and architect, 1720-1728

*ROLES:*

artist

printmaker

architect

draftsman

engineer

- may have multiple roles
- only the most important in Display, no more than three
- recommended to index all major professional roles



Getty

# Indexing nationality

*For André Kertész*

American photographer, 1894-1985, born in Hungary

Hungarian
American

- The nationality, culture, or ethnic group associated with the person or corporate body (e.g., *Nigerian, Celtic, Native American*)

- May have multiple nationalities

- Not necessarily legal citizenship



Getty

# INDEXING NATIONALITY

*For Palmer C. Hayden*

**DISPLAY BIOGRAPHY:**

American painter, 1893-1973

**NATIONALITY:**

American

African-American

- Index culture and ethnicity where important for retrieval



Palmer C. Hayden (American painter, 1893-1973); Nous Quatre a Paris; 1935; watercolor on paper; Metropolitan Museum of Art, New York (New York); Joseph H. Hazen Foundation, Inc.

# INDEXING NATIONALITY

| | |
|---|---|
| English | Nigerian |
| Vietnamese | Japanese |
| Sienese | Italian |
| Celtic | Berber |
| Ancient Roman | Native American |

- Controlled list mapped to AAT (will be linked to AAT)

- Adjectival name of a nation, other place name, culture, ethnic group, sexual orientation

- Refers to a prolonged association of an artist with a given place; does not necessarily indicate legal citizenship

- May refer to historical nations (e.g., *Flemish*)

- May refer to culture (e.g., *Frankish*) or ethnic groups (e.g., *Native American*).

Getty

# Events

Getty

# EVENTS, LOCUS OF ACTIVITY

*For Vincent van Gogh*

**DISPLAY BIOGRAPHY:**

Dutch painter and craftsman, 1853-1890

**EVENT:**

active

**PLACE:**

Holland

France

- where places of activity and nationality differ, locus of activity is recorded



Getty

# OTHER EVENTS

*For Henri Rousseau*

EVENT: exhibited

DISPLAY DATE: at the Salon des Ind$00ependants, Paris, in 1886

START DATE: 1886   END DATE: 1886

PLACE: Paris (France)

- Must index either location or dates of the event

# Descriptive Note

# 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. Most scholars agree that the artist, Aqa Riza, who is named by Safavid chroniclers, is the same person as Riza in the court of Abbas (thus, "Abassi"), and that the artist's style changed significantly at mid-life. Others believe that two different artists with similar names are responsible for the oeuvre generally attributed to Riza. His early paintings display a fine, almost calligraphic linear style with mainly primary colors; the palette of his later works is darker and earthier, and the lines are coarser and heavier. He was probably born in Kashan and he probably died in Esfahan.

*Topics may include (in this order):*
- disputed issues or ambiguity regarding names or facts
- facts regarding the life of person or founding and dissolution of corporate body
- brief explanation of teachers/students
- style, artist's stylistic development (only if you are an art historian or otherwise experienced in writing about style)

Getty

# IMAGES

Getty

# Images

- **Definition:** Persistent URLs recorded in the Media field

- Provide URLs for images, typically portraits of the person or, for artists, images of their works

For ULAN 500020307
Frank Lloyd Wright
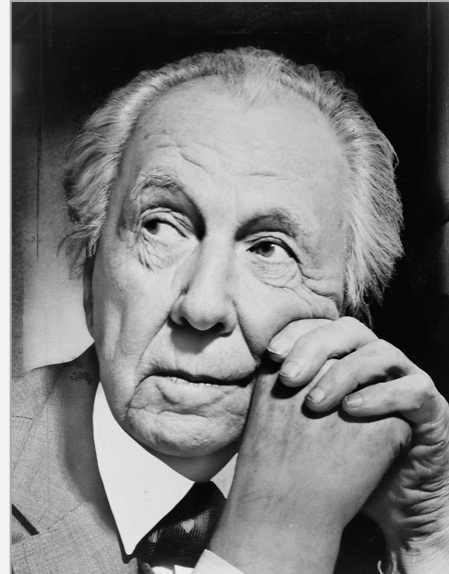




- Record in fields on the "Media" tab in VCS

| Order | Image URL Go! |
|---|---|
| 1 | https://upload.wikimedia.org/wikipedia/commons/3/30/Frank_Lloyd_Wright_portrait.jpg |
| 2 | https://media.architecturaldigest.com/photos/57571c84e84281483697495d/4:3/w_768/fallingwater-frank- |

Getty

# Sources

**Required** 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

| Source ID: | 2100155623 | Merged Status: | Not Merged |
|---|---|---|---|

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

**Full Source:** Hourihane, Colum P., ed. The Grove Encyclopedia of Medieval Art and Architecture. 6 vols. New York : Oxford University Press, 2012.

Getty

# 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
- 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



**Grand Piano**
Bartolomeo Cristofori (Padua 1655–1731 Florence)

Date: 1720

Medium: Various materials

Bartolomeo Cristofori
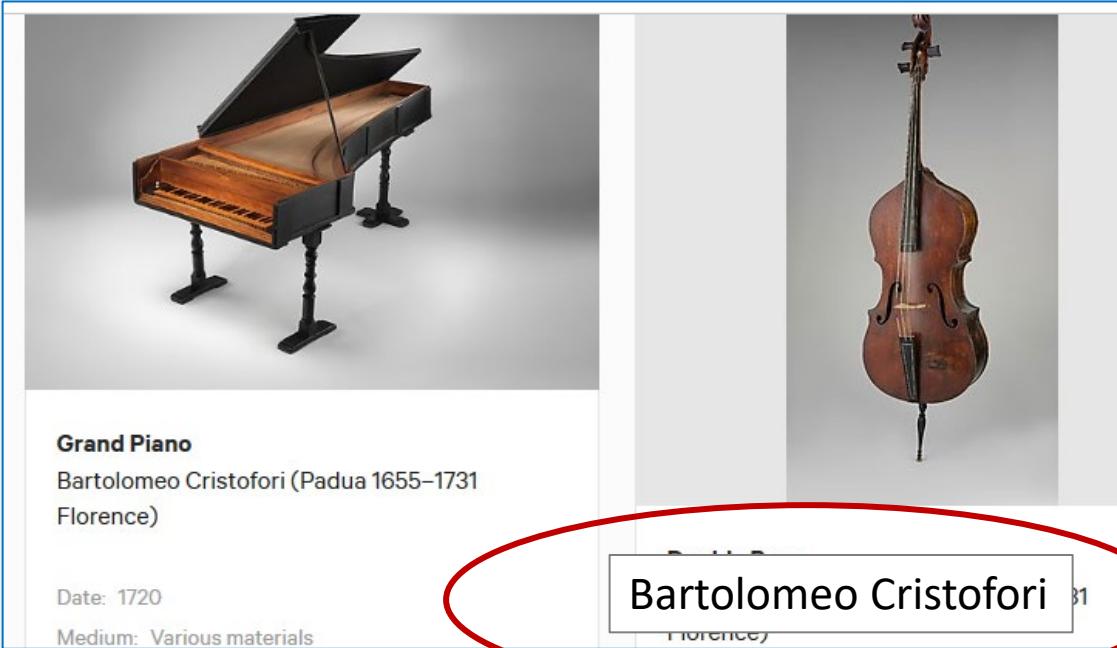


MARC Display     Labelled Display

LC Control Number: nr 89005347
HEADING: Cristofori, Bartolomeo, 1655-1732
000 00833cz a2200193n 450
001 2560893
005 19890522054751.8
008 890504n| acannaab |a aaa c
010 __ |a nr 89005347
035 __ |a (DLC)nr 89005347
040 __ |a NjP |c NjP
100 10|a Cristofori, Bartolomeo
400 10|a Cristofori, Bartolommeo

[SR] p1980: |b container (Bartolommeo Cristofori, b. Padua 1655, d. Florence 1-2 harpsichord maker and inventor of piano)

Getty

# How to interpret ULAN sources

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



CRISTOFANÍA. (Etim.—De *Cristo* y el v. gr. *phainein*, aparece.) Aparición de Cristo.
CRISTOFITA. f. *Mineral*. Variedad de blenda.

**CRISTOFORI, CRISTOFANI o CRISTO-FALI (Bartolomé)**

dirigióse en 1716 á Florencia donde obtuvo el cargo de conservador del Museo de Música de Fernando de Medicis. Su descubrimiento fué descrito en el *Giornale dei letterati d'Italia* por el marqués Scipionne Maffei, y esta descripción traducida por König, fué inserta-da en el libro de Mattheson *Critica Musica* (1725) y más tarde en...

Constantino VI y su cuñada Irene, por el complot, se vió obligado á hacer... 792 organizó otra conspiración, que... Cristóforo fué condenado por su... siendo además... por orden de... una isla de la...
donde murió.
Cristóforo, llamado *et Altisimo*, liano del siglo XVI, n. en Florencia. Guiado po de extraordinaria reputación, debió... facilidad para versificar, que á sus... Su obra más conocida es *Il Primo Libro*... sacado de la recopilación de los...

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



# Cristofori, Bartolomeo (di Francesco)
Encyclopædia Britannica

Encyclopedia

Page 1 of
PRINT PAGE   PRINT ARTICLE   E-MAIL ARTICLE   CITE ARTICLE
born May 4, 1655, Padua, Republic of...

- For this source, preferred name in inverted order, parentheses
  **Cristofori, Bartolomeo**
- Variant name
  **Cristofori, Bartolomeo di Francesco**

Getty

# ULAN: Facets and new content

- Recently new and enlarged facets "Unknown People by Culture" (e.g., *unknown Aztec*) and "Non-Artists" (e.g., sitters and patrons)

- The newest facet is "Unidentified Named People"
  - For the most part, includes people named in original sources, such as archival documents and inventories
  - Their name or partial name is known, they are linked to the document (if linked to a work, the work is often unidentified), but their biography is unknown and thus they cannot be associated with a known person or anonymous personality



Top of the ULAN list / hierarchy
- + Corporate Bodies (ULAN facet)
- + Persons, Artists (ULAN facet)
- + Non-Artists (ULAN facet)
- + Unidentified Named People (ULAN facet)
- + Unknown People by Culture (ULAN facet)

# ULAN: "Local Use" flags in Provenance contribution

- For the Provenance Index remodel project, the data model was revised to link to the Getty Vocabularies
- Verbatim names from archival sources were contributed to ULAN, with flag "local use," to allow them to be ignored by most users
- After seeing that too many verbatim "local use" names were cluttering up ULAN with 1000s of names useful to only Provenance, and because this model is not scalable across all users of ULAN
- The "LU" names will be removed from ULAN
- Provenance Index will instead use a local authority, and contribute to ULAN only names useful to a broader community

**Names useful to all ULAN users**

Names:
- Leonardo da Vinci (preferred,V,display,LC)
- Vinci, Leonardo da (V)
- Leonardo, da Vinci (V,LC)
- da Vinci, Leonardo (V)
- Léonard de Vinci (V)
- Léonardo de Vinci (V)
- Leonardo di Ser Piero da Vinci (V)
- Leonardo Da Vinci (V)
- Da Vinci, Leonardo (V,index)
- da Vinci Leonardo (V)
- Leonardo (U,LC)
- Lionardo (U)
- Liyūnārdū Dāvīnshī (U)
- Vinchi, Leonardo da (U)
- Leonardo da Vinchi (V)
- Léonard (U)
- Lieh-ao-na-to (U)
- Леонардо да Винчи (U)
- Леонардо (U)
- לאונרדו (U)

**"LU" names to be deleted**

- Leonard Davincy (LU,V)
- Leonardo De Vinci (LU,V)
- Da Vinci (LU,U)
- da vinci leonardo (LU,U)
- De Vinci (LU,U)
- La Da Vinci (LU,U)
- L. da Vince (LU,U)
- L da Vince (LU,U)
- L. da Vinci (LU,U)
- L. Davinci (LU,U)
- L da Vinci (LU,U)
- L. Da. Vinci (LU,U)
- L. de Pinci (LU,U)

# ULAN: Entity in ULAN or in CONA IA?

## ULAN

| Stat | Mark | . | Pref Name | ID |
|------|------|---|-----------|-----|
| FN | | | Top of the ULAN list / hierarchy | 500000001 |
| HD | | | <temp.parent/for Iconography Authority CONA> (undete... | 50202 |
| NC | | | Daidalos (Greek craftsman of mythology) | 16440 |
| IP | | | Herophanta (Ancient Greek priestess, active ca. 2nd | 54929 |
| NC | | | Luke (Saint, evangelist, 1-18, 1-18) | 21741 |
| MC | | | Moses (artist) | 49506 |
| MC | | | Peter, Apostle, Saint (apostle) | 49599 |
| RV | | | Saint George (Syrian soldier and saint, ca. 275-303) | 37589 |

## Iconography Hierarchy

| Type | Mark | . | Descriptor (Qualifier) | |
|------|------|---|------------------------|---|
| R | | | Iconography Root | |
| F | | | Religion/Mythology | |
| RM | | | Greek and Roman iconography | |
| RM | | | Achilles | |
| RM | | | Ariadne | 1000155 |
| RM | | | Asteria | 1000377 |
| RM | | | Athena | 1000069 |

▸ Is the person historically documented, or a character of legend, religion, or mythology?

▸ Not always clear-cut: maybe based on a presumed historical person (ULAN), but to him/her is attached extensive legend and iconography (better captured in CONA IA)

▸ Is Saint Luke the evangelist a real person, or a character of legend/iconography?

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# ULAN: Entity in ULAN or in CONA IA?

- E.g., the US Library of Congress (LOC) calls Saint Luke the evangelist an author (i.e., real person)
  - Although most scholars agree that the Gospel of Luke was written by a later anonymous author using as sources the Gospel of Mark, source Q, and some unique Lukan material
  - In the CONA IA, Luke could be linked to legends and fictional events associated with him, such as painting the portrait of the Virgin Mary
- Solution: in rare cases, for practical reasons (given that he is an author in LOC), perhaps the entity exists in both ULAN and the CONA IA
- But the two are linked

- Another factor is cultural sensitivity: E.g., when referring to characters from extant religions; but at the same time we cannot ignore scholarly opinion



LC control no.: n 50082065

LCCN permalink: http://lccn.loc.gov/n50082065

HEADING: Luke, Saint
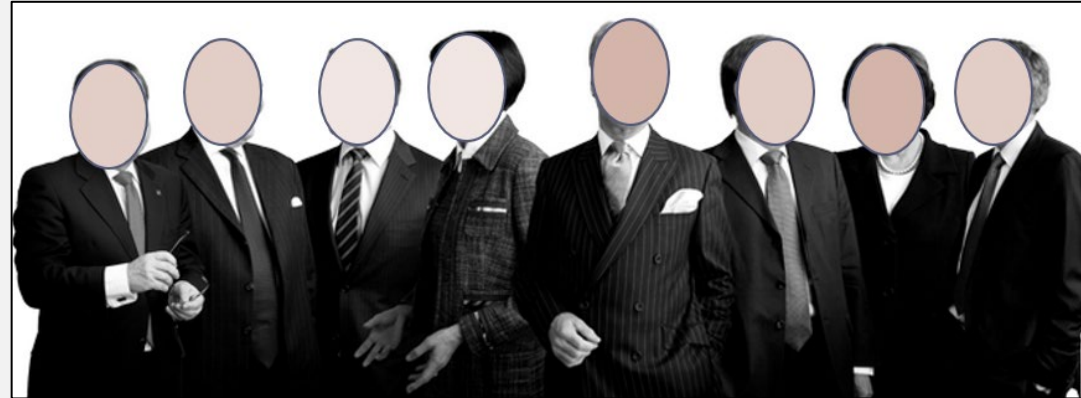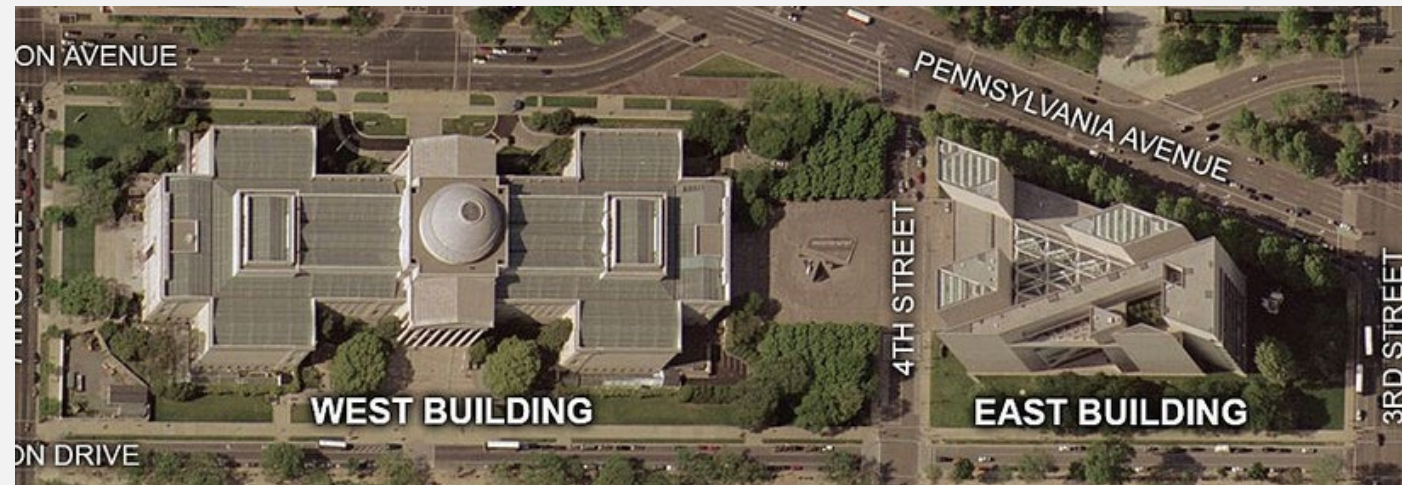
000 01893cz a2200301n 450

001 476470

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# ULAN: Entity in ULAN or a CONA work?

- Classic example is *National Gallery of Art* (Washington, DC)

- **ULAN Corporate Body:** A group of people working together, having a board of directors, date of foundation, etc.



- **CONA Built Work:** A complex having structures, architects, materials, and dates of design and execution



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# ULAN: Entity in ULAN or a CONA work?

- We must rely upon the contributor, since we don't have time to do the research
- If they contribute as a repository of a work rather than the architectural context, then it goes in ULAN (e.g., temples)
- [Corporate bodies have different attributes than built works]

**ULAN**

| Stat | Mark | . | Pref Name | ID |
|------|------|---|-----------|-----|
| FN | | | Top of the ULAN list / hierarchy | 500000001 |
| FN | + | | Corporate Bodies (ULAN facet) | 500000003 |
| AC | | | Dargah Temple (Afghan repository, K$01abul, contemporary) | 500300743 |

**CONA**

| Stat | Mark | . | Descriptor (Qualifier) | ID |
|------|------|---|------------------------|-----|
| FN | | | Top of the CONA hierarchy | 700000000 |
| FN | | | Built Work | 700000001 |
| RV | + | | Alampur temple complex (building complex; various; various dates) | 700002814 |
| AC | | | Attagudi (Siva temple) (temple (building); patron: Ganapatideva; unknown Telingana; First q | 700002803 |
| RV | | | Bartholomew County Courthouse (courthouse; Isaac Hodgson (American architect, born 1 | 700000168 |
| RV | | | Bastille (bastide; unknown architect, by order of Charles V, King of France; begun in 1370, | 700001912 |

# ULAN: Entity in ULAN or a CONA work?

● Indexing with AAT further disambiguates

## ULAN

**Dargah Temple** (Afghan repository, Kābul, contemporary)

### AAT

⚬ **temples (institutions)** (religious institutions, <institutions by activity>, ... Organizations (Hierarchy Name))

Note: Institutions focused on the worship of a deity or deities.

## CONA

**Mallikarjuna temple** (temple (building); unknown Telingana; Mid-13th century CE; Kakatiya ...; Ainavolu (Andhra Pradesh, Bhārat, Asia)

### AAT

⚬ **temples (buildings)** (religious buildings, religious structures, ... Built Environment (Hierarchy Name))

Note: Buildings housing places devoted to the worship of a deity or deities. In the strictest sense, it refers to the dwelling place of a deity, and thus often houses a cult image. In modern usage a temple is generally a structure, but it was originally derived from the Latin "templum" and historically has referred to an uncovered place affording a view of the surrounding region. For Christian or Islamic religious buildings the terms "churches" or "mosques"

If the temple were also in TGN as a location, in CONA it would be linked through Person/Corp body link to ULAN, and through Event to TGN

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# Contributions to ULAN

Contributors and issues

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# Contributions to ULAN

- ULAN focuses on names for people and corporate bodies (groups of people) and related information used for cataloging, research, and discovery of art, architecture, archaeology, conservation, and related disciplines
- Contributors to ULAN include representatives of these disciplines, museums and special collections,  the conservation community, and others

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# HOW TO CONTRIBUTE TO ULAN

**For a full discussion of contributing to ULAN**

*Contributing to the Getty Vocabularies*
http://www.getty.edu/research/tools/vocabularies/intro_to_contributing.pdf

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# Preferred Name for contributor, Sources

- Preferred names for different contributors are flagged
- Contributors can display with their own as preferred
- Sources are always cited
- Links to other resources, e.g., LOC

**Giambologna (Flemish sculptor and architect, 1529-1608, active in Italy)**

**Names:**
Bologna, Giovanni ........ [AVERY, CENSUS, FDA, GRISC Preferred, GRLPA Preferred, Grove Art, VP]
.................................. Avery Authority files (1963-)
.................................. Grove Art artist database (1989-)
.................................. M. Knoedler & Co. records, Finding Aid, GRI Special Collections (2012-)
.................................. RILA/BHA (1975-2000)
.................................. Thieme-Becker, Allgemeines Lexikon der Künstler (1980-1986)
Bologna, Giovanni da ......... [GRL, VP, WCI Preferred, WCP Preferred]
..................................... GRI Library, author records (1998-)
Giambologna ........ [AVERY Preferred, BHA Preferred, CENSUS Preferred, FDA Preferred, GRISC,
                GRL Preferred, GRLPA, Grove Art Preferred, JPGM Preferred, PROV Preferred,
                VP Preferred, WCI, WL-Courtauld]
........................ Avery Authority files (1963-)
........................ Bénézit, Dictionnaire des Peintres (1976) 2:137
........................ Getty Provenance Index Databases [online] (1999)
........................ GRI Library, author records (1998-)
........................ Library of Congress Online Catalog [online] (2003-) n 85252671
........................ Grove Art artist database (1989-)
........................ J. Paul Getty Museum, collections online (2000-)
)

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# Merging records

- Two or more are records merged
- One retains its ID, the others become part of the first record and its ID is lost (absorbed into revision history for the first record)
- Merge is automated in load when possible, if not, possible merges are vetted by hand



| Preferred Name | Matched Name | Biography |
|---|---|---|
| Palamedesz., Anthonie | Palamedesz., Anthonie | Dutch painter, 1601-1673 |
| | Anthonie Palamedesz. | |
| | Palamedesz, Anthony | |
| Pallemedes, Anthonie | Anthonie, Palamedez | Netherlandish artist, 1601-1673 |
| | Palamedesz, Anthonie | |

# Merging records





**Name:** Del Duca, Giacomo
Biography: Italian sculptor and architect, ca. 1520-1604
**ULAN ID:** 500016281

**+**

**Name:** Jacopo Siciliano
Biography: Sicilian architect, active in Rome, ca. 1520-1601
**ULAN ID:** 500137834

- "Giacomo del Duca" is same person as "Jacopo Siciliano"
- Records were "merged" into a single record
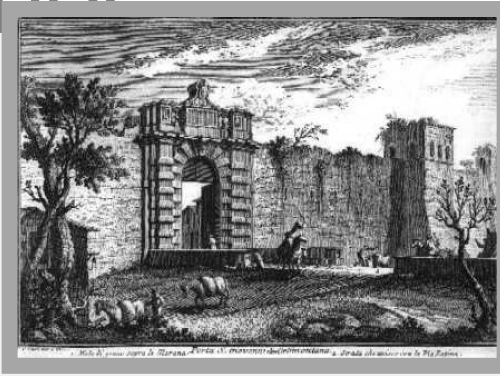
Getty

# MERGING RECORDS



Name: Del Duca, Giacomo
Biography: Italian sculptor and architect, ca. 1520-1604
ULAN ID: 500016281

**+**

Name: Jacopo Siciliano
Biography: Sicilian architect, active in Rome, ca. 1520-1601
ULAN ID: 500137834

- "Giacomo del Duca" is same person as "Jacopo Siciliano"
- Records were "merged" into a single record

Names: Del Duca, Giacomo *(pref)*
Jacopo Siciliano
Biography: Italian sculptor and architect, ca. 1520-1604, born in Sicily, active in Rome
ULAN ID: 500016281

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# 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

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# 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

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# PROCESSING CONTRIBUTIONS

- Contributions to the Getty Vocabularies are vetted, managed, edited, augmented, merged with existing data, placed into hierarchies and other relationships

- Published by the Getty Vocabulary Program and Getty Digital technical team

AAT, ULAN, TGN, CONA, IA



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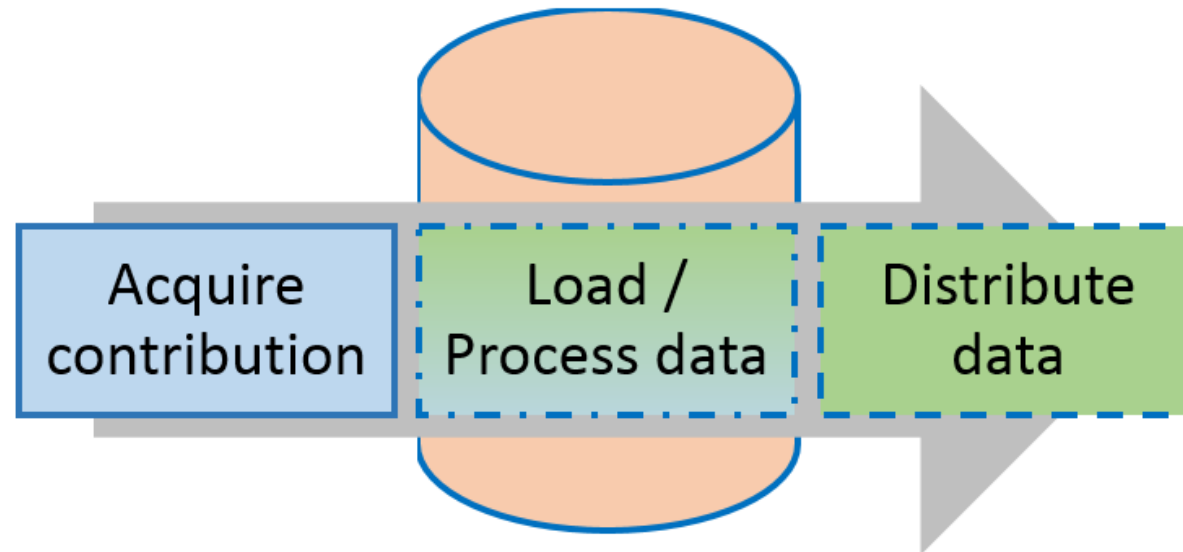
# Publishing

- 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

**Sources and Contributors:**
oplosmiddel............ [Bureau AAT Preferred]

**oplosmiddel.......[Bureau AAT]**

solvent........... [VP Preferred]
............... Brady and Clauser, Materials Handbook (1986)
............... Gottsegen, Manual of Painting Materials (1987)
............... Jensen, Minerals of New York State (1978) 121
............... Jewett, Glossary for Recording the Condition of an Artifact (1980s)
............... Mayer, Dictionary of Art Terms and Techniques (1969) 368
solvente........... [CDBP-DIBAM Preferred]
............ Diccionario de Química y de productos químicos (1993) 1161
solvent, volatile........... [VP]
............... Getty Vocabulary Program rules
volatile solvent........... [VP]
............... Mayer, Dictionary of Art Terms and Techniques (1969)

**Subject:** ..... [Bureau AAT, CDBP-DIBAM, CHIN, VP]
........... CDMARC Subjects: LCSH (1988-) solvents
........... CHIN database
........... Polytechnisch woordenboek En-Ne (1991)
........... Van Dale Engels-Nederlands (1989)

**Note:**
English .......... [VP]
.......... Brady and Clauser, Materials Handbook (1986)
Dutch .......... [Bureau AAT]
.......... AAT-Ned (1994-)
Spanish.......... [CDBP-DIBAM]
.......... TAA database (2000-)

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# CRITERIA 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 of bulk data will agree to terms in a click-through *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

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# DATA CONTRIBUTION 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, he 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.

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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.

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# 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, and About CONA
  - The scope of each vocabulary is also briefly described below in this presentation

- 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

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# 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

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# Full list of contributors

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

## 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.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

| Brief Name | Full Name |
|---|---|
| **A** | |
| AS-Academia Sinica | Academia Sinica (Academia Sinica; Nankang, Taiwan) |
| TELDAP-now AS | Academia Sinica as Taiwan E-Learning & Digital Archives Program (Nankang, Taiwan) |
| AAM | Ackland Art Museum (Chapel Hill, North Carolina) |
| AKAG | Albright-Knox Art Gallery (Buffalo, New York) |
| AC | Allegheny College (Allegheny, Pennsylvania) |
| AAC | American Art Collaborative (United States) |
| ADA-Yale | American Decorative Arts, Yale University (New Haven, Connecticut) |
| AIA | American Institute of Architects (Washington, DC) |
| AMSA | American Society of Appraisers (Herndon, Virginia) |
| AWM | Andy Warhol Museum, Carnegie Museums of Pittsburgh (Pittsburgh, Pennsylvania) |

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# Releasing the vocabulary data

- The AAT, TGN, ULAN, CONA and IA are refreshed every month

- 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/

  - For more information about release formats, see Obtain the Getty Vocabularies

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# Utilizing ULAN

Implementers and end users

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# How to disambiguate results
## *in displays for end users*

1. Andrea da Jesi
   (Italian painter, 1430 or 1440-after 1492) [500046226]
   **Andrea Di Bartolo Da Jesi Il Vecchio**

2. Andrea de'Bartoli
   (Italian painter, active ca. 1355-ca. 1367) [500041805]
   **Andrea di Bartolo**

3. Andrea di Bartolo
   (Sienese painter, active by 1389, died 1428) [500024770]
   **Andrea di Bartolo Cini**
   **Andrea di Bartolo di Fredi**
   **Bartolo, Andrea di**
   **Cini, Andrea di Bartolo**

4. Ansano di Andrea di Bartolo
   (Italian painter, flourished 1439/1380) [500199533]
   **Cini, Ansano di Andrea di Bartolo**
   **Sano di Andrea di Bartolo**

5. Attavanti, Attavante
   (Italian illuminator, 1452-before 1525) [500026603]
   **Attavante di Gabriello di Vante di Francesco di Bartolo**
   **Attavantes di Bartolo**

- Preferred name plus preferred display biography
- Include any variant names that met criteria of the search
- In example, on keyword "bartolo"

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# How are vocabularies used?
## For cataloging and indexing

Work Type
Title
Creator
Creation Date
Current Location
Materials
Measurements
Subject

CONA is linked to TGN, ULAN, AAT, IA

## CONA Record

*CONA ID:* 700000153

*Class*: Sculpture    *Work Type*: hacha

*Title*: Hacha (Ceremonial Ax)

*Creator Display*: **unknown Veracruz**

*Creation Date*: Late Classic Veracruz  (600-900 CE)

*Current Location*: **Dumbarton Oaks  (Washington DC, USA)**  *ID:* B38 VCS

*Discovery Location***:** Veracruz (Mexico)

*Subject:* ·religion/mythology    · human figure    ·face    · game    ·
    sacrifice    ·ceremonial object    ·Inca ballgame

*Measurements:* 35 x 22.2 cm  (height) (13 3/4  x 8 3/4  inches)

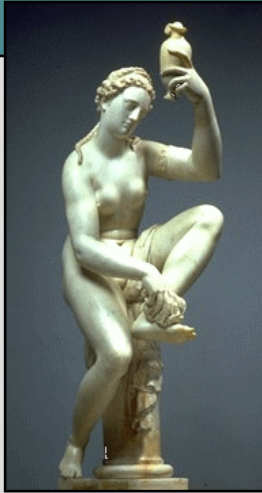*Materials and Techniques:* marble

*Descriptive Note:* The hacha had ritualistic significance and likely
    served as an actual ballcourt marker. ..

E.g., Place names in the CONA record are controlled by links to TGN; artists to ULAN, Work Type to AAT, etc.

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# How are vocabularies used?



**Giambologna**
*Female Figure*;
Marble; H: 48 in.; 2008 J. Paul Getty Museum; 82.SA.37

**Giovanni Bologna**;
*Triton*, 16th century (1560–70); Bronze; H. 36 in; Metropolitan Museum of Art; Bequest of Benjamin Altman, 1913 (14.40.689)

**Jean Boulogne**;
*Mercure volant*; Bronze; H 1,7 m; L 0,57m; Pr 1,4 m; Musee du Louvre, Collection du duc de Brissac (saisie en 1794)?; MR

**Bologna, Giovanni da**; *Christ Crucified*, probably before 1588; bronze, corpus, height including foot rest: .371 x .254 x .078 m ; National Gallery of Art, Washington, DC; Gift of Mr. and Mrs. John R. Gaines in memory ...

- **Traditional use of vocabularies for retrieval focuses on the names**
- *If a user asks for one name/term, all of the synonyms can be used for retrieval*
- *For example, if a user searches on "Giovanni da Bologna"...*

*From ULAN*

**Giambologna**

**Giovanni da Bologna**

**Giovanni  Bologna**

**Jean Boulogne**

**Jean de Boulogne**

**Bologna, Giovanni da**

"giambologna" OR "giovanni da bologna" OR "giovanni bologna" OR "jean boulogne" OR "bologna, giovanni da"

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# How are vocabularies used?

• **New methods and LOD can incorporate hierarchical and associative relationships, and other links or inferred relationships to answer more complex questions and aid serendipitous discovery**

Associative relationships
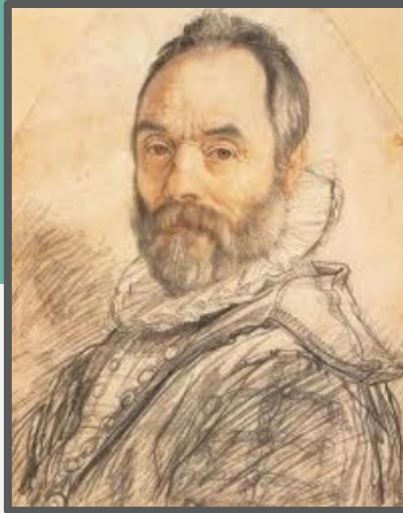


**Marie de Medici** *(French queen, patron, 1573-1642)*

**had patron**

**patron of**

**Giambologna** *(Flemish sculptor and architect, 1529-1608, active in Italy)*

**teacher of**

**student of**

**Tacca, Pietro** *(Italian sculptor and architect, 1577-1640)*

Display Date: from 1592
Start Date: 1592   End Date: 1608

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# How are vocabularies used?

VIAF Contributors
- Library of Congress/NACO
  - National Library of Mexico
  - British Library
  - National Agricultural Library (U.S.)
  - National Library of Medicine (U.S.)
  - National Library of New Zealand
  - National Library of Scotland
  - National Library of South Africa
  - National Library of Wales
- German National Library
- National Library of France

- Vatican Library
- Swiss National Library
- Library and Archives Canada
- Union List of Artist Names [Getty Research Institute]
- NUKAT Center of Warsaw University Library
- National Széchényi Library, Hungary
- RERO - Library Network of Western Switzerland
- Sudoc [ABES], France
- Flemish Public Libraries
- National Library of Norway
- DBC (Danish Bibliographic Center)
  - Danish Agency for Culture
- National Diet Library, Japan
- National Library of Latvia
- National Library of Poland
- National Library of Catalonia

The VIAF® (Virtual International Authority File) combines multiple name authority files into a single OCLC-hosted name authority service. The goal of the service is to lower the cost and increase authority files by matching and linking widely-used authority files and making that information available on the Web.

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

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

http://viaf.org/

# WHAT IS LINKED OPEN DATA (LOD)?

**The AAT, TGN, and ULAN are now available as LOD**
**They are published under the Open Data Commons Attribution License (ODC-By) 1.0**

- When data is linked and open, it means that data is structured and published according to the principles of Linked Data, so that it can be both interlinked and made openly accessible and shareable on the Semantic Web. The goal of linked open data is to allow data from different resources to be interconnected and queried.

- In order for data to be understood and processed automatically by computers, data in records or about resources must be expressed in a standard format. Each thing (for example, a museum object, a place, or a person) must be represented by a persistent identifier (known as a Uniform Resource Identifier (URI)). A Resource Description Framework (RDF) is a language or format for describing things as well as the relationships between things as simple properties and values (known as 'triples'), while things are represented using URIs.
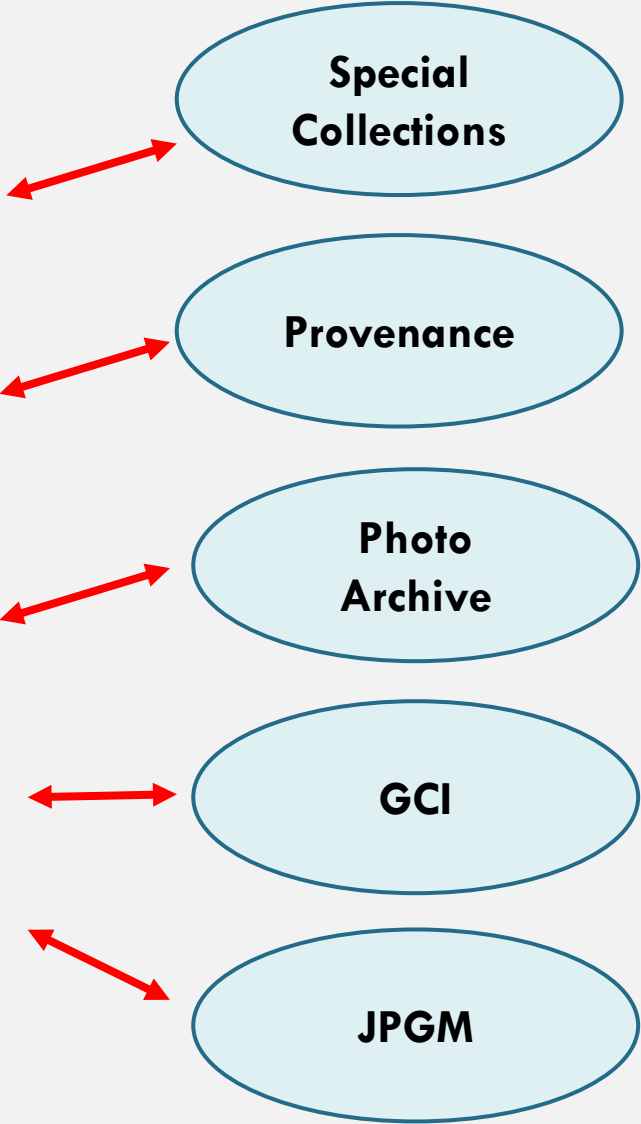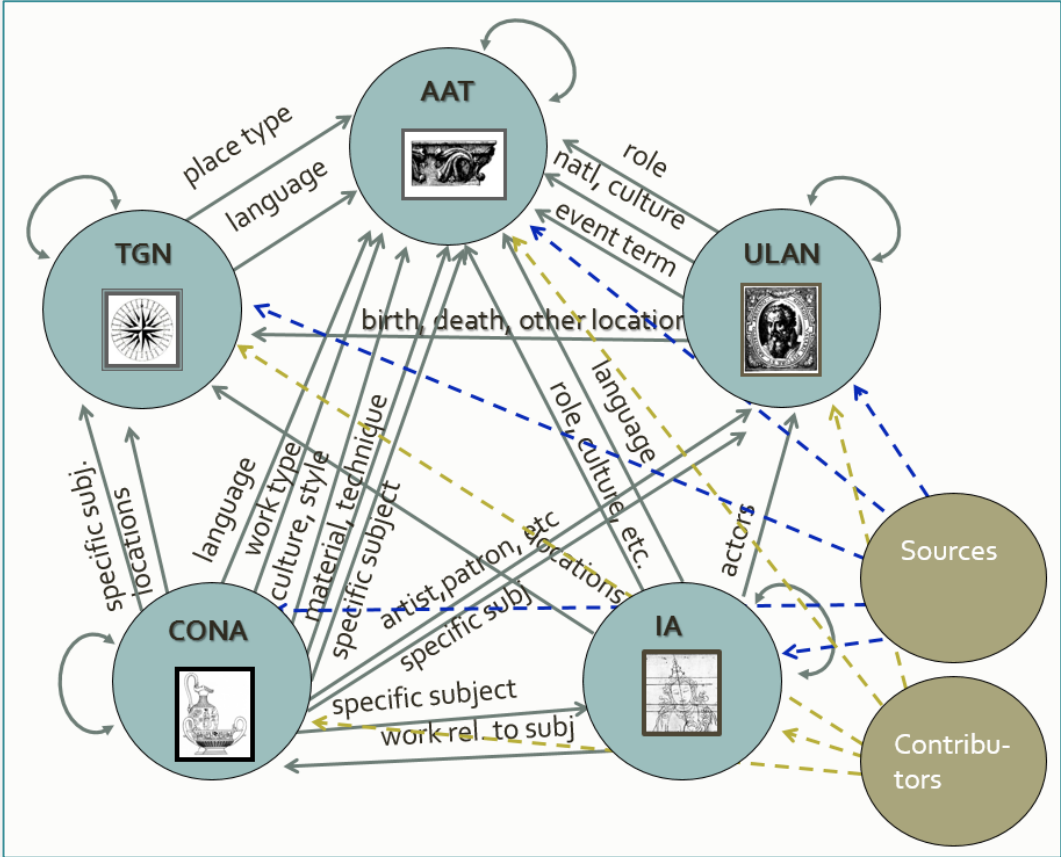
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# Linking the Vocabularies

Relationships between the vocabularies
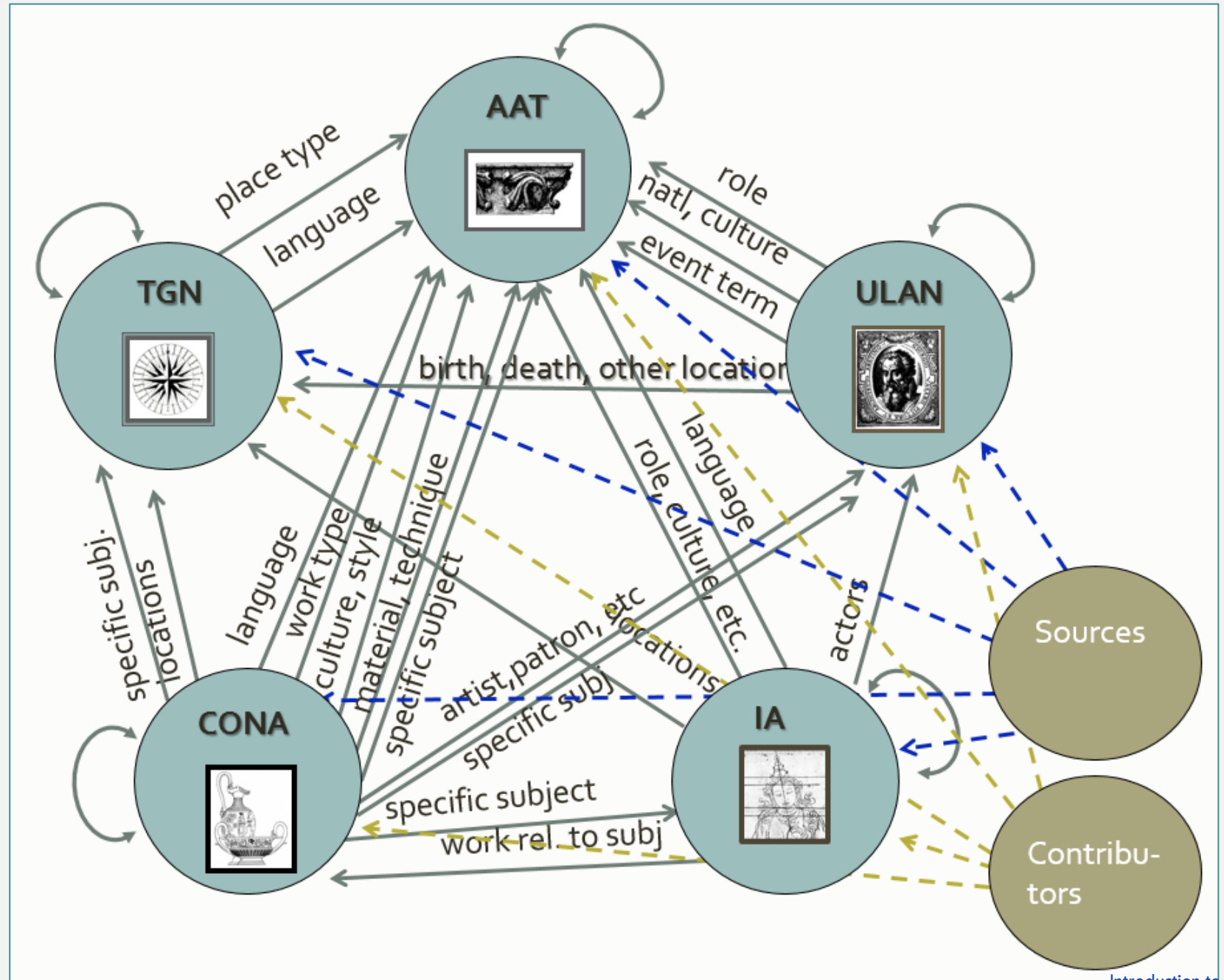
# Linking the Vocabularies

Relationships from the vocabularies to other Getty resources

# LINKING THE VOCABULARIES

Relationships from the Getty vocabularies to other resources



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# Thank you.

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