Indexing Art Information:
Using Getty Vocabularies

Patricia Harpring
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revised June 2022
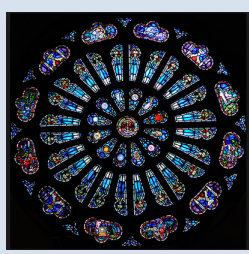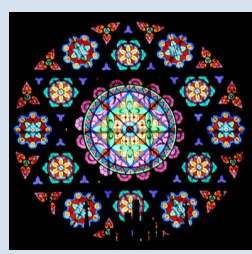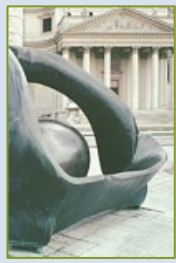
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PREFACE

- This presentation is a brief overview of the Getty Vocabularies, AAT, TGN, ULAN, CONA and IA, followed by an introduction to using the Vocabularies for indexing (i.e., assigning terms to your materials to facilitate retrieval)

- For full discussions of the Getty Vocabularies, see the vocabulary Web pages, Editorial Manuals, and other presentations on the vocabulary training page.

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

PREFACE

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

☐ Translated in Portuguese

Patricia Harpring
Series edited by Murtha Baca

This primer on the characteristics, scope, uses, and methods for building and maintaining controlled vocabularies for art and cultural materials explains how vocabularies should be integrated in cataloging systems; utilized for indexing and retrieval; and structured to group synonyms and arrange concepts into categories.
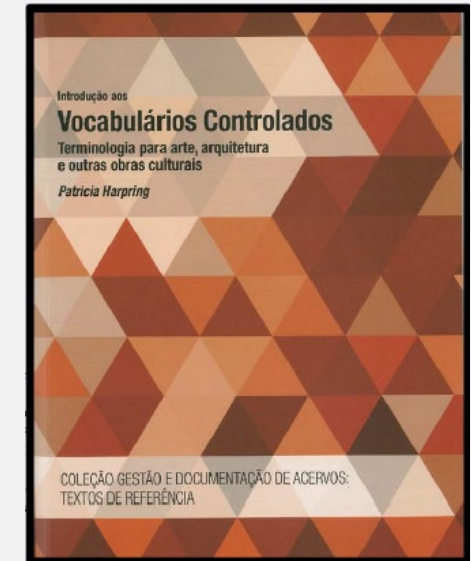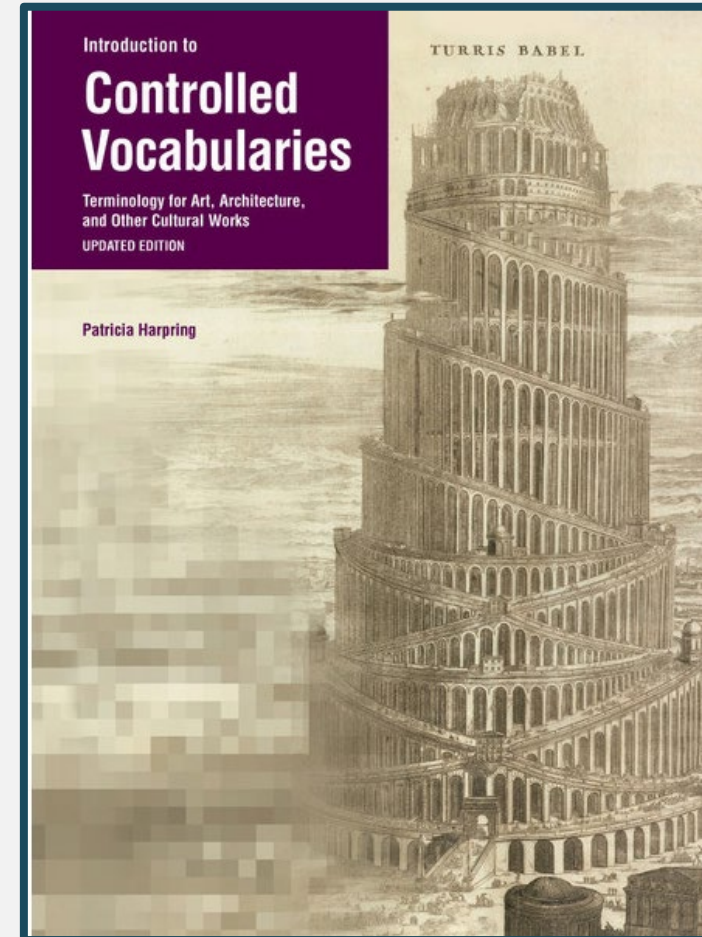
What Are the Getty Vocabularies?

stained glass

pot-metal glass

rose window

Catherine wheel

lancets

Medieval

Gothic

tracery

bar tracery

- Getty Vocabularies gather related terms, other information, and links to improve access to information about art and other cultural heritage materials

- Used for indexing, retrieval, knowledge bases

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Getty Vocabularies

Enabling digital art history
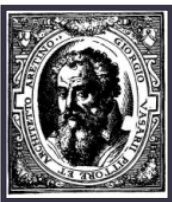
- **AAT**, *Art & Architecture Thesaurus®* includes generic terms in several languages, relationships, sources, and scope notes for agents, work types, roles, materials, styles, cultures, and techniques (e.g., *amphora, oil paint, olieverf, peintures à l'huile, acetolysis, 玉器, Jadekünste, sintering, 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,*)

What Are the Getty Vocabularies?

- The Getty Vocabularies contain structured terminology for art, architecture, decorative arts, archival materials, visual surrogates, art conservation, and bibliographic materials.

- They represent over 40 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

- With the release of the Getty Vocabularies as Linked Open Data (LOD), 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?

- 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

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Features of 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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Features of the Getty Vocabularies
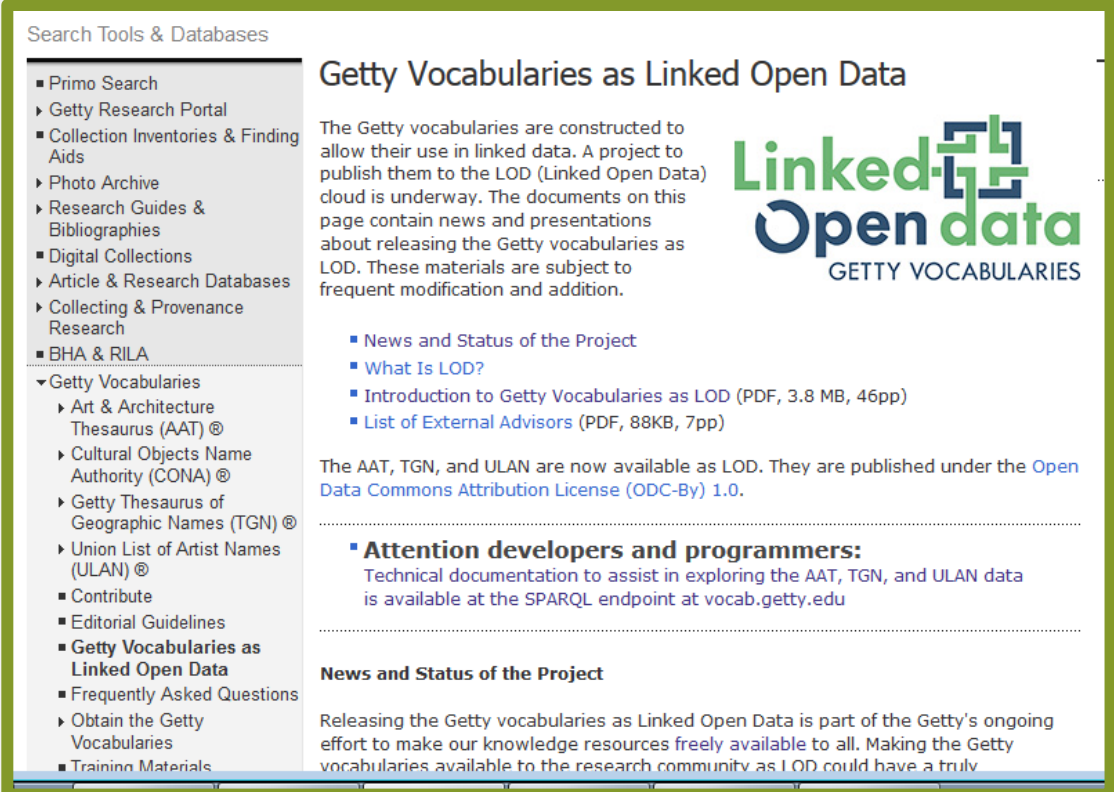
- **Coreferences:** They contain coreferences to other resources where topics overlap (e.g., ULAN http://vocab.getty.edu/page/ulan/500337743 =
LOC https://lccn.loc.gov/nr2002038798)
- **How unique:** Getty Vocabularies are unique in their global coverage of the defined domain of visual arts, in citing 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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Accessing the Getty Vocabularies

- History of the Getty Vocabularies

  o The AAT, ULAN, and TGN were begun in the mid-1980s

  o To meet the needs of the art museum, visual resources, archives, and art library communities

  o Authoritative vocabularies to aid in the indexing and retrieval of art information

  o CONA development began in 2004; IA development was part of CONA

  o AAT, ULAN, TGN, CONA, and IA have same core data structure and same core editorial rules

  o Vocabulary Program and Getty Digital technical team provide instruction for use of and contribution to the Getty Vocabularies at conferences and in online training materials

Accessing the Getty Vocabularies

- Compiled, merged, edited, and published by the Getty Vocabulary Program and
  Getty Digital technical team; refreshed every two weeks

- **Open Data Commons Attribution License (ODC-By) v1.0**

- More open license, allows sharing, creation, adaptation of data with attribution

- **Data is made available in various ways:** via online searching; Web services APIs;
  relational tables and XML format annual releases

- **Linked Open Data**: structured and published to make it openly accessible
  and shareable on the Semantic Web

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Accessing the the Getty Vocabularies

- Getty Vocabularies are **<u>thesauri</u>** compliant with national (NISO) and international (ISO) standards for thesaurus construction

- They are compliant with / map to other standards:

  - CDWA (Categories for the Description of Works of Art)

  - CCO (Cataloging Cultural Objects)

  - VRA Core (Visual Resources Association core categories)

  - LIDO (Lightweight Information Describing Objects)

  - CIDOC CRM (CIDOC Conceptual Reference Model) (ISO 21127:2006)

  - etc.

What Are Controlled Vocabularies?

- A controlled vocabulary is
  an organized arrangement of words and phrases
- Typically includes preferred and variant terms
- Has a defined scope or describes a specific domain

Purpose of Controlled Vocabularies

- To provide terminology to catalog and retrieve information
  - To capture the richness of variant terms
  - For some users, to promote consistency in assignment
    of the same terms to similar content
  - For some users, in retrieval, to utilize variants, broader/narrower
    contexts, and other rich data and links
  - For other users, as a resource for researching variant names and
    rich contextual information

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Controlled Vocabularies vs. Controlled Format

- **Controlled vocabularies** are organized sets of controlled terminology values (often with other information as well)

- **Controlled format** refers to rules concerning the allowable data types and formatting of information

  - Fields may have controlled format in addition to being linked to controlled vocabulary

  - Or the controlled format may exist in the absence of any finite controlled list of acceptable values

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Controlled Vocabularies vs. Controlled Format

Controlled format

- May govern the expression of Unicode or other characters in either a free-text field or in a field that is linked to a controlled vocabulary

- Also for fields where numbers or codes are used

- E.g., recording measurements, geographic coordinates
- May regulate the number of digits allowed, the expression of decimals and negative numbers, etc.,
- *Ideally in compliance with ISO, NISO, or another appropriate standard*

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Controlled Vocabularies vs. Controlled Format

Which fields here are controlled format, which use controlled vocabulary?

Materials/Techniques Description: egg-tempera paint with tooled gold-leaf halos on panel

Role: medium   Material Name: egg tempera | gold leaf

Role: support   Material Name: wood panel

Technique Name: painting | gold tooling

AAT

Dimensions Description: comprises 10 panels; overall: 280 x 215 x 17 cm (110 1⁄4 x 84 5⁄8 x 6 3⁄4)

Extent: components Value: 10   Type: count

Value: 280   Unit: cm Type: height

Value: 215   Unit: cm Type: width

Value: 17   Unit: cm Type: depth

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Types of Controlled Vocabularies

- Most controlled vocabularies in art indexing are structured vocabularies

- Structured vocabulary = emphasizes relationships

Relationships in General

- Connections between terms and between concepts

  Are a *rose window* and a *Catherine wheel* the same thing?
  How is *pot-metal glass* related to the more general term *stained glass*?

- Between **equivalents** (synonyms)

- Other relationships = **hierarchical** and **associative** (links that organize concepts and provide context)

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Types of Controlled Vocabularies

The most common types of controlled vocabularies used for
   art and architecture information

- subject heading lists

- simple controlled lists

- synonym ring lists

- taxonomies

- Thesauri

- The Getty Vocabularies are thesauri

What Is a Thesaurus?

- Thesaurus: A semantic network of unique concepts

- Thesauri may be monolingual or multilingual

- Thesauri may have the following three relationships:

  - Equivalence Relationships
  - Hierarchical Relationships
  - Associative Relationships

hierarchical

Objects Facet
.... **Furnishings and Equipment**
.... **Containers**
.... **<culinary containers>**
.... **<vessels for serving / consuming food>**
.... r.

stirrup cups
coaching glasses
hunting glasses

associative

sturzbechers
Sturzbecher
stortebekers

distinguished from

rhyta
rhyton
rhytons
rhea
rheon
rheons
ritón

equivalence
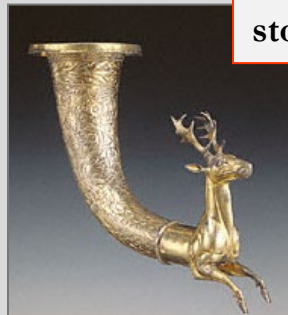
amfoor
amphorae
arc-boutant
brittleness
Buddhism
calligraphy
emulsifier
façades
flying buttress
飛扶壁
lithographer
litógrafos
luchtbogen
orthogonal plan
Macedonian
millwork
Rinascimento
ῥυτόν
stupa
Sturzbecher
travertine
weft wrapping
yastiks
zeppelin
Zigula
zinc oxide
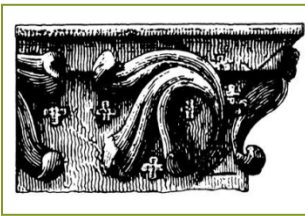
AAT, the Art & Architecture Thesaurus®

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

- Generic terms, not proper names

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

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

AAT, the Art & Architecture Thesaurus®

Sample record

ID: 300132869

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

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

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

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

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

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

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

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

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

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Contributors are cited

AAT records are merged information from multiple contributors

Getty Vocabularies grow through contributions from the expert user community

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

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

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

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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

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

- 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.)

ULAN, the Union List of Artist Names®

Sample record

ID: 500060426

Names:

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

Katsushika Hokusai (en,ja-trans)

Hokusai (en,ja-trans)

葛飾 北斎 (ja)

Shunrō (en,ja-trans)

Tawaraya Sōri (en,ja-trans)

Kakō (en,ja-trans)

Tatsumasa (en,ja-trans)

Gakyōjin (en,ja-trans)

Taito (en,ja-trans)

Iichi (en,ja-trans)

Manji (en,ja-trans)

Tokitarō (en,ja-trans)

時太郎 (ja)

葛飾北濟 (ja)

Nationalities:

Japanese (pref)

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)

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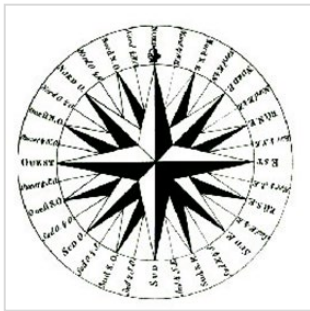
TGN, the Getty Thesaurus of Geographic Names®

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

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

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

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

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

TGN, the Getty Thesaurus of Geographic Names®

ID: 7011179

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

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

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

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

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

AAT

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

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

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

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

IA, the Getty Iconography Authority ™

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

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

IA, the Getty Iconography Authority ™

Sample record

Names in multiple languages

Users may choose the name appropriate for their needs

ID: 1000085

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

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

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

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

AAT
TGN
ULAN
CONA

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

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

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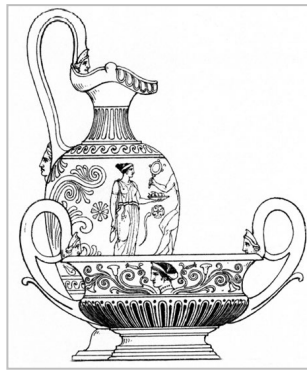
CONA, the Cultural Objects Name Authority®

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

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

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

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

CONA, the Cultural Objects Name Authority®

Sample record

ID: 700001950

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

Catalog Level: item

Work Types:
sculpture (visual work) **AAT**

Classifications:
sculpture (preferred)

Creation Date: 1000/1200

Creator Display:
anoniem
sculptor: unknown Chola **ULAN**

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

Materials: bronze founding **AAT**

Dimensions: 40 cm (height) x 24cm (width) x 10.5 (depth)

Events: exhibition: Metamorfoze/Geheugenproject Willem Witsen **AAT**

Cultures:
Indian   Chola **AAT**

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

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

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

Getty

Indexing Using the Getty Vocabularies

CONA, the Cultural Objects Name Authority®

Sample record

ID: 700000141

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

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

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

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

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

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

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

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

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

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

Getty

Works depicted in visual surrogates

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

Surrogate in Photo Archive

Velázquez et al copy in the Uffizi after Ruben

LINKS

specific subject

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

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

Getty

Getting Started: Basics of Indexing

How to Index: Key Points

- Display fields, descriptive notes. and other text fields
  are not access points for retrieval; they are free-text note fields

- Therefore, if a cataloger mentions important information in such a note,
  in order to facilitate retrieval, it must be indexed in the appropriate
  controlled fields elsewhere in the record

- Use controlled terminology
  (such as AAT, TGN, ULAN, IA, CONA)

- or another controlled vocabulary such as Iconclass
  or Library of Congress Authorities

- For some fields, controlled lists or controlled format is appropriate

Getty

How to Index: Key Points

- When indexing, use the most specific term or value applicable to the field

- But the most specific value must be warranted by available source information

- Follow rules for dealing with ambiguous or uncertain information

- Keep in mind if the field displays to end users or if it is hidden, used only for retrieval

- Rules differ for fields that do not display

Getty

How to Index: Key Points

- Catalogers should include information only when known

- Assign terms with appropriate specificity, based upon available information

- However, to not record a specific term, for example Work Type, if documentation does not support it

- If you are not certain of a specific work type, use a term about which you are certain

- Catalogers should not guess or make assumptions unless they have authoritative documentation

Getty

Thesaural structure

Top of the AAT hierarchies

.... Objects Facet

.... Visual and Verbal Communication (hierarchy name)

.... Visual Works (hierarchy name)

.... visual works (works)

.... <visual works by material or technique>

.... photographs

.... <photographs by form>

.... <photographs by form: format>

.... card photographs (photographs)

.... boudoir midget mounts

.... boudoir photographs

.... cabinet photographs

.... cartes-de-visite (card photographs)

.... imperial photographs

.... panel photographs

.... promenade photographs

.... victoria cards (photographs)

.... gem photographs

.... lantern slides

Work type: carte-de-visite

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

P. CALAMITA

Thesaural structure

Work type: carte-de-visite

AAT subject_id 300127141

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

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

P. CALAMITA

Getty

Thesaural structure

cartes-de-visite (card photographs) (**preferred**,C,U,English-P,D,U,PN)

(fotografische kaarten) (Dutch-P,D,U,PN)

(photographies) (French-P,D,U,PN)

carte-de-visite (card photograph) (C,U,English,AD,U,SN)

(Dutch,AD,U,U)

cartes de visite (card photographs) (C,U,English,UF,U,N)

card photographs (cartes-de-visite) (C,U,English,UF,U,N)

carte-de-visite photographs (C,U,LC,English,UF,U,N)

cartes de visite photographs (C,U,English,UF,U,N)

sure cards (C,U,English,UF,U,N)

Visitenkartenporträts (fotografische Abzüge) (C,U,German,D,PN)

Visitenkartenporträt (fotografischer Abzug) (C,U,German-P,AD,SN)

tarjetas de visita (obra visual) (C,U,Spanish-P,D,U,PN)

tarjeta de visita (obra visual) (C,U,Spanish,AD,U,SN)

CONA ID: 700008890

Titles: [Young boy seated on a chair], 1890

Work type: carte-de-visite

General Subjects: portrait

P. CALAMITA

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Include Required "Core" Information

- Certain fields are required for every work record

- Include information for all of the core fields

- Based on CDWA/CCO, the categories and subcategories that are indicated as core

- Core = those elements that the international expert task force, representing various related disciplines, agreed were necessary

- to uniquely and unambiguously identify and describe a particular work of art or architecture, or group of works, and to allow research

Getty

Required fields

- Example from CONA, an implementation of CDWA/CCO
- For these elements, always include data when cataloging
- Index display data
- In this example, the record is in CONA; if the data is in another system, include a unique ID if possible *
  - include repository ID/number too, if any

What is a minimum record?

Core elements

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

[CONA ID 70000285]*
Catalog Level item
Classification paintings
Work Type painting (visual work)
scroll (information artifact)
Title Scene of Early Spring
宋郭熙早春圖　軸
Creator Guo Xi (Chinese painter, 1023 - ca.1085 CE)
Creation Date 1072 CE
General Subject landscapes
Specific | spring (season) | trees | Pinus (genus) | streams
Current Location National Palace Museum (Taipei, Taiwan) **Repository Number** 000053N000000000
Dimensions 158.3 x 108.1 cm
Mat & Tech painted scroll **Index** ink | silk | paper

Getty
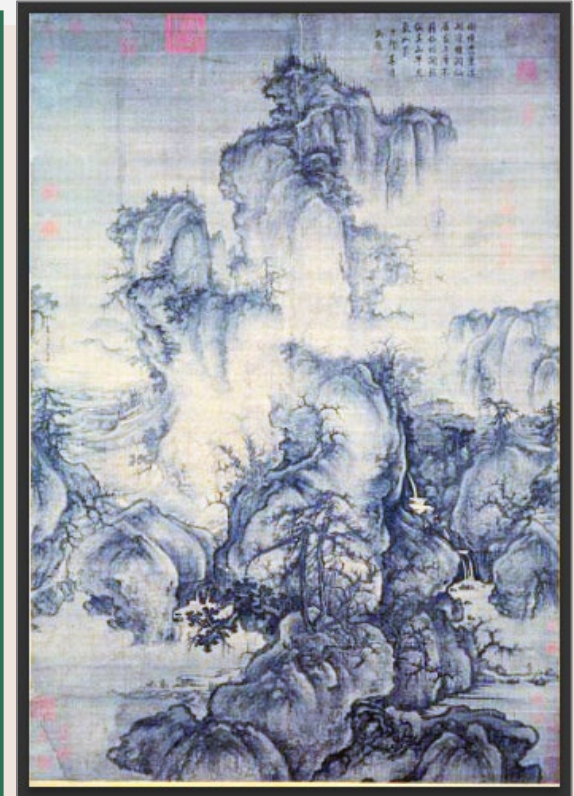
Required fields: Also include optional fields when important

- Optional, but important if known
- E.g., Repository numbers
- E.g., Include numbers or names associated with creation, such as serial numbers and model numbers; distinguished from state and edition

Creation numbers

Catalog level: item Classification: musical instruments Work Type: guitar
Title: Archtop Guitar
Creator: James D'Aquisto (American, New York 1935–1995 Corona, California)
Date: 1993 Culture: American
Material: spruce, maple, ebony
Dimensions: W. 17 in.Chordophone-Lute-plucked-fretted
Location: Greenport (New York, United States) Type: creation
Current Location: Metropolitan Museum of Art (New York, New York) Accession Number:
2012.246 Credit Line: Gift of Steve Miller, 2012

Current Location: Metropolitan Museum of Art (New York, New York, USA)
Repository Number: 2012.246

Creation Numbers: model: Centura Deluxe; serial number: 1249

Getty

Display vs. Indexing

What Is Information for Display?

- Art information databases should include information intended for display and information that is **indexed** using controlled vocabularies to facilitate efficient retrieval

- Information for display should be in a format and with syntax that is easily read and understood by users, includes appropriate nuance and ambiguity

- Display fields may be free-texts or concatenated from controlled, fielded data

- Display fields may contain all the nuances of language necessary to relay the uncertainty and ambiguity that are common in art information

Getty

What Is Indexed Information?

- Certain key elements of art information must be formatted (e.g., years for dates) or linked to vocabularies (e.g., AAT, TGN, ULAN, IA) to facilitate retrieval

- **Indexing** in this sense should be a conscious activity performed by knowledgeable catalogers

- Consider the retrieval implications of indexing terms

- Do not use an automated method that simply parses every word in a text intended for display into indexes

Getty

Controlled Vocabularies vs. Controlled Format

- **Controlled vocabularies** are organized sets of controlled terminology values (often with other information as well)

  - Links to Getty Vocabularies; links to controlled lists

- **Controlled format** refers to rules concerning the allowable data types and formatting of information

  - Fields may have controlled format in addition to being linked to controlled vocabulary

  - Or the controlled format may exist in the absence of any finite controlled list of acceptable values

Getty

Example of indexed information

- Display vs indexing
- Display for the end-user, indexing for access, using controlled vocabularies
- Indexing is important for access
- Display allows expression of uncertainty or ambiguity in a note for end-user
- Or Display may be concatenated from controlled values

Cat. Level: item **Classification** ceremonial objects
Work Type bi
Title Disc (Bi)

Dimensions Display:

diameter: 8 1/4 inches (21 cm)

index: **value:** 21 **unit:** centimeter **type:** diameter

controlled format

controlled term from pick list

Mat & Tech Display:

jade (nephrite)

index:

controlled term linked to Getty vocabulary

    jade (rock) *[AAT 300011119]*
    nephrite *[AAT 300011120]*

Style Western Han

Getty

Controlled vocabulary:
Controlled list or link to AAT?

Cat. Level: item **Classification** ceremonial object
Work Type bi
Title Disc (Bi)

Dimensions Display:

diameter: 8 1/4 inc

indexing: **value:** 2

controlled list

Dimensions:

Display Dimensions: 8 1/4 inches (21 cm)

Value	Unit	Type	Exter
21	centimeters	diameter ▾	
		circumference	
		count	
		diameter	
		length	

Depicted Subject *Outside Iconography* *Culture/Style* *Other Display*

Mat & Tech Dis

jade (nephrite)

indexing:

jade (rock) *[AAT*

nephrite *[AAT 3*

controlled term linked to Getty vocabulary

Materials:

Display Materials: jade (nephrite)

Term	AAT ID	
jade (rock) (metamorphic rock, rock, inorg	300011119	
nephrite (tremolite, mineral, inorganic mate	300011120	

Getty

Which fields here are controlled format, which use controlled vocabulary?

display

indexing
with
controlled
terms

Materials/Techniques Display: egg-tempera paint with tooled gold-leaf halos on panel
Role: medium   Material Name: egg tempera | gold leaf
Role: support   Material Name: wood panel
Technique Name: painting | gold tooling

AAT

display

indexing
with
controlled
format

Dimensions Display: comprises 10 panels; overall: 280 x 215 x 17 cm (110 1⁄4 x 84 5⁄8 x 6 3⁄4)
Extent: components Value: 10   Type: count
Value: 280   Unit: cm Type: height
Value: 215   Unit: cm Type: width
Value: 17   Unit: cm Type: depth

Getty

Which vocabularies are used to index a work record

Cat. level: item
Classification: prints and drawings
Work Type: ▪drawing ▪rendering [AAT]
Title: Bulto
Creator Display: rendered by Eldora P. Lorenzini (American, 1910-1993)
Index: **Eldora P. Lorenzini** (American, 1910-1993) [ULAN]
  Role: rendered
Materials display: watercolor, pen, and ink on paper
Index: ▪**watercolor** ▪**pen** ▪**ink** ▪**graphite** ▪**laid paper** [AAT]
Dimensions: overall: 55.9 x 40.2 cm (22 x 15 13/16 in.)
Value: 55.9 Unit: cm Type: height Value: 40.2 Unit: cm Type: width
Creation Date: 1938   Start: 1938   End: 1938
Current Location: **National Gallery of Art (Washington, DC, USA)** [ULAN]
Repository number: 1943.8.16638
Creation Location: **Santa Fe (New Mexico, USA)** [TGN]
General Subject: ▪another work ▪religion & mythology
Specific Subject:
▪**Bulto, Andrés Garcia** [CONA]
▪**sculpture** ▪**figures** ▪**bulto** ▪**farming** ▪**plow** ▪**oxen** [AAT]
▪**St. Isadore** [IA]

Simplified entity-relationship diagram for a work record & vocabularies

ULAN

TGN

AAT

Iconography Authority

Work Record

Source Records
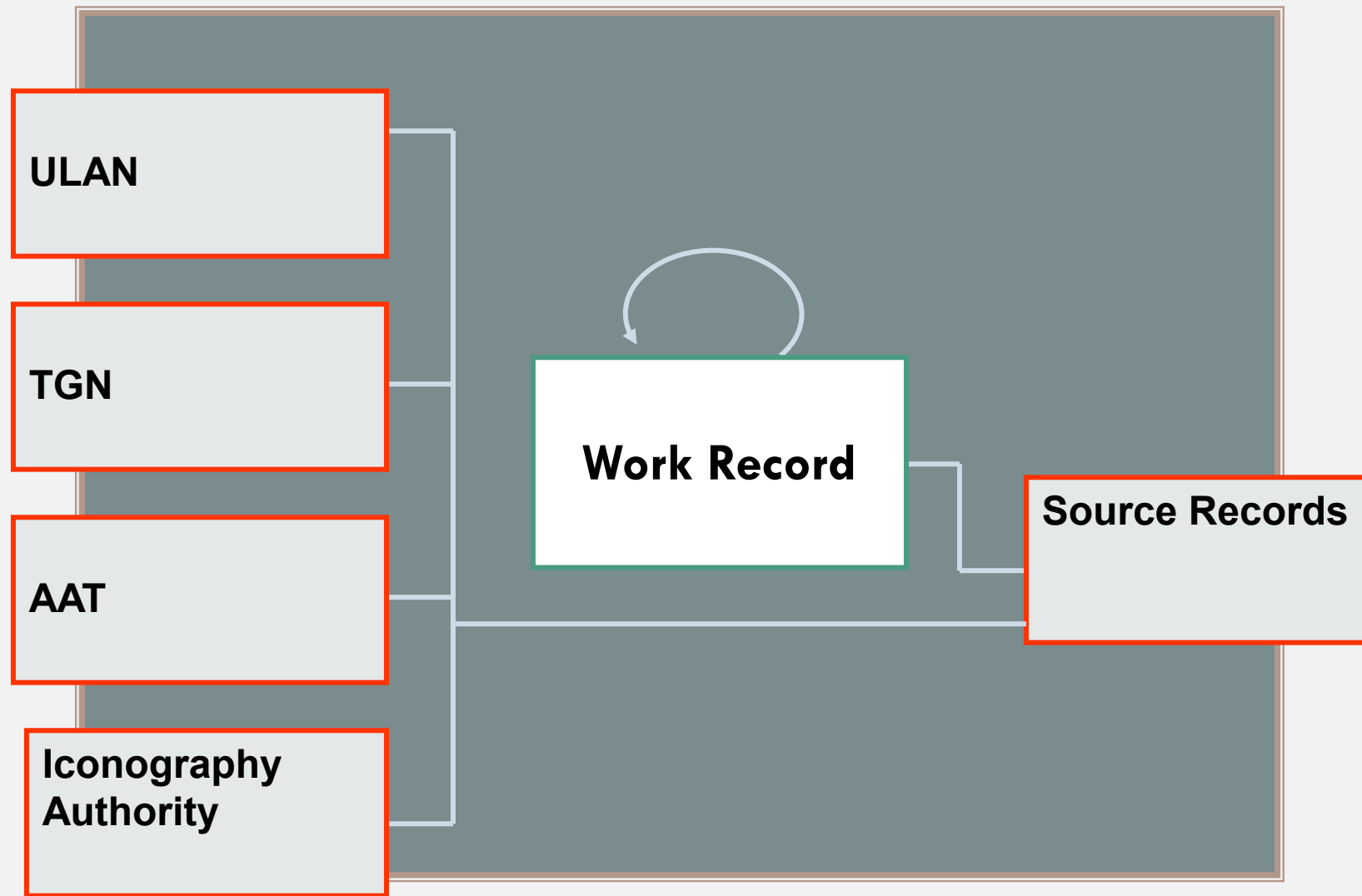
Issues for Indexing

- Indexing fields are intended for retrieval

- The following are examples of indexing fields:

  - Any field that contains a controlled number (e.g., Start Date)
    or values controlled by pick lists (e.g., Preferred / Non-preferred flag),
    controlled files (e.g., bibliographic sources),
    or links to controlled vocabularies (e.g., Location is linked to TGN)

- Consider retrieval issues when you assign terms and values to such fields

- Indexing fields may be visible or hidden from end users

- If the indexing field is visible to end users, do not use overly broad estimations that will be confusing or misleading

Getty

Issues for Indexing

Applying vocabularies

- Factors to consider in assigning indexing terms
  - specificity
  - exhaustivity
  - pre-coordination vs post-coordination

Getty

Specificity and Exhaustivity

Specificity

- **Specificity** refers to the degree of precision or granularity used (e.g., *campanile* rather *tower*)

- However, catalogers should use terms only as specific as warranted by authoritative sources

- With all indexing, it is better to be accurate and broad rather than incorrect and specific

- How precise are your indexing terms?
- "temples" or "wats"
- "photographs" or "daguerreotypes"
- Collection size
- Collection focus
- Expertise of cataloguers
- Expertise of users

Getty

Specificity

Materials and Techniques

Catalog Level: Item   Classification: paintings
Work Type: miniature
Title: Sarah Anne Allen

Display Mat & Tech: watercolor on ivory

Mat & Tech Indexing [AAT]:
watercolor [AAT 300078925]
ivory [AAT 300011857]

Massachusetts); 36.351
Credit Line:Gift of Miss Emily L. Clark

Getty

Specificity

- Index only to level of specificity known
- What if your source information does not indicate the type of tempera?

Catalog Level item
Classification paintings
Work Type panel painting | altarpiece
Title Adoration of the Magi
     Adorazione dei Magi (repository title)
Creator Bartolo di Fredi (Sienese painter, active by 1353, died 1410)
Creation Date ca. 1385; some scholars date it after 1395
General Subject religion and mythology | allegory
 | human figures
Specific | Adoration of the Magi | Siena | horses | camels | Magi | Holy Family | Journey of the Magi | gold | frankincense | myrrh | king | deity | death
Current Location Pinacoteca Nazionale di Siena (Siena, Italy);
Repository No no. 104
Measurements 195 x 158 cm (76 x 61 5/8 inches)
Mat & Tech **tempera on panel**
Mat & Tech Index:

                    tempera
                    panel

Contributors BHA VP CD PNS GRI-PA
Sources Pinacoteca Nazionale di Siena (2002-); Boucher and Fiorini, Magi Reconstructed (2012); Cole, Sienese Painting (1985); Freuler, Bartolo di Fredi (1994); Harpring, Bartolo di Fredi (1992)

CONA ID: 700000178

Getty

Indexing Using the Getty Vocabularies

Specificity

AAT

Hierarchy

\<paint by composition or origin>

    water-base paint

        tempera

            casein paint

            egg-oil tempera

            egg tempera

            gum tempera

            oil tempera

- Perhaps "egg tempera" more accurately describes the medium; use only if documentation supports it
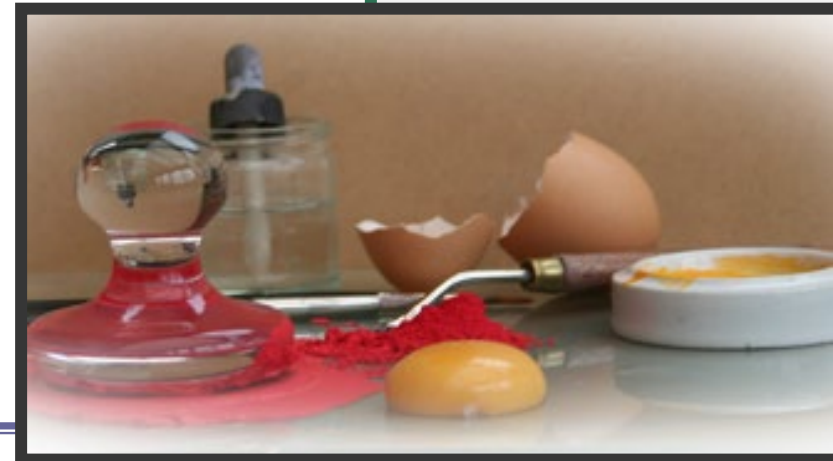
Scope Note for egg tempera:
Tempera paint using egg as its vehicle, traditionally the yolk only, in other cases, the whole egg.

Getty

Specificity

Materials and Techniques: Role, flag

Catalog Level: item   Classification: architecture
Work Type: church
Title: North Christian Church   Preference: preferred
Creator Description: designed by Eero Saarinen (American, 1910-1961);
posthumously, construction was supervised by firm of Eero Saarinen &
Associates (American architectural firm, 1950-1961)
Current Location: Columbus (Indiana, United States)

Mat & Tech Display: hexagonal plan, concrete base, leaded copper spire, slate roof; welded steel buttresses support the roof and spire at the 6 axial corners

AAT

Mat & Tech: steel *Flag:* material
Mat & Tech: concrete *Flag:* material
Mat & Tech: slate *Flag:* material

Mat & Tech: hexagonal plan *Flag:* technique
Mat & Tech: buttressing *Flag:* technique

Indexing Using the Getty Vocabularies

CONA ID 700000110

Specificity

Materials and Techniques: Role, flag

Classification: graphic arts
Work Type: drawing, preparatory study
Title: Man in Korean Costume
Creator: artist: Peter Paul Rubens (1577-1640, active in Flanders and Italy)
Creation Date: ca. 1617-1618
Current Location: J. Paul Getty Museum (Los Angeles, CA). Rep. No.: 83.B.384

Mat & Tech: Display: black chalk with touches of red chalk in the face on ivory laid paper
Mat & Tech [AAT]: ▪chalk
Role: medium *Flag:* material

Mat & Tech [AAT]: ▪laid paper
Role: support *Flag:* material

Getty

Specificity

Classification = broad   Work Type = specific

Classification

- Classification categorizes a work in a broader scheme
- May vary depending upon the organization of the collection
- Classification is controlled by an extensible list
- For movable works provided by the repository

Catalog level: item
Classification decorative arts [Class ID 20425]

Classification

decorative arts [Class ID 20425]
furniture [Class ID 20635]

Work Type: rolltop desk [AAT 300121499]

Creation Date ca. 1785
General Subject furnishings
Current Location J. Paul Getty Museum (Los Angeles, California) ID: 72.DA.47
Dimensions 66 1/4 x 61 3/8 x 35 3/16 inches
Mat & Tech: veneered with mahogany, with gilt bronze mounts | mahogany | veneer

Getty

Specificity

Classification = broad   Work Type = specific

Work Type

Catalog level: item · Class : ·photographs ·American a
  Work Type · gelatin silver print
· *Title*: Panoramic Photograph of the White House, W
· *Creator Display:* Haines Photography Co. (American
  century)
·Role: photographers
    ·[link]: Haines Photography Co.

Classification
- photographs · American art

Work Type
- gelatin silver print

Work Type and Classification

Specificity

Classification = broad   Work Type = specific

- Classification is drawn from an extensible list, mapped behind the scenes to one or more AAT terms
- Work Type is drawn directly from the full AAT, primarily terms in the Objects facet

Classification controlled, extensible list

21381	machines
21382	vehicles / transportation
21391	minerals / rocks
21431	needlework / sewing
21465	numismatics / philately
21485	natural history
21667	paintings
21668	performance art / installations
21669	personal accessories
21670	photographs
21672	prints

Work Type is drawn from full AAT

Top of the AAT hierarchies
.... Objects Facet
.... Visual and Verbal Communication (hierarchy name)
.... Visual Works (hierarchy name)
.... visual works (works)
.... <visual works by material or technique>
.... photographs
.... <photographs by form>
.... positives (photographs)
.... photographic prints
.... <photographic prints by process>
.... gelatin silver prints

Getty
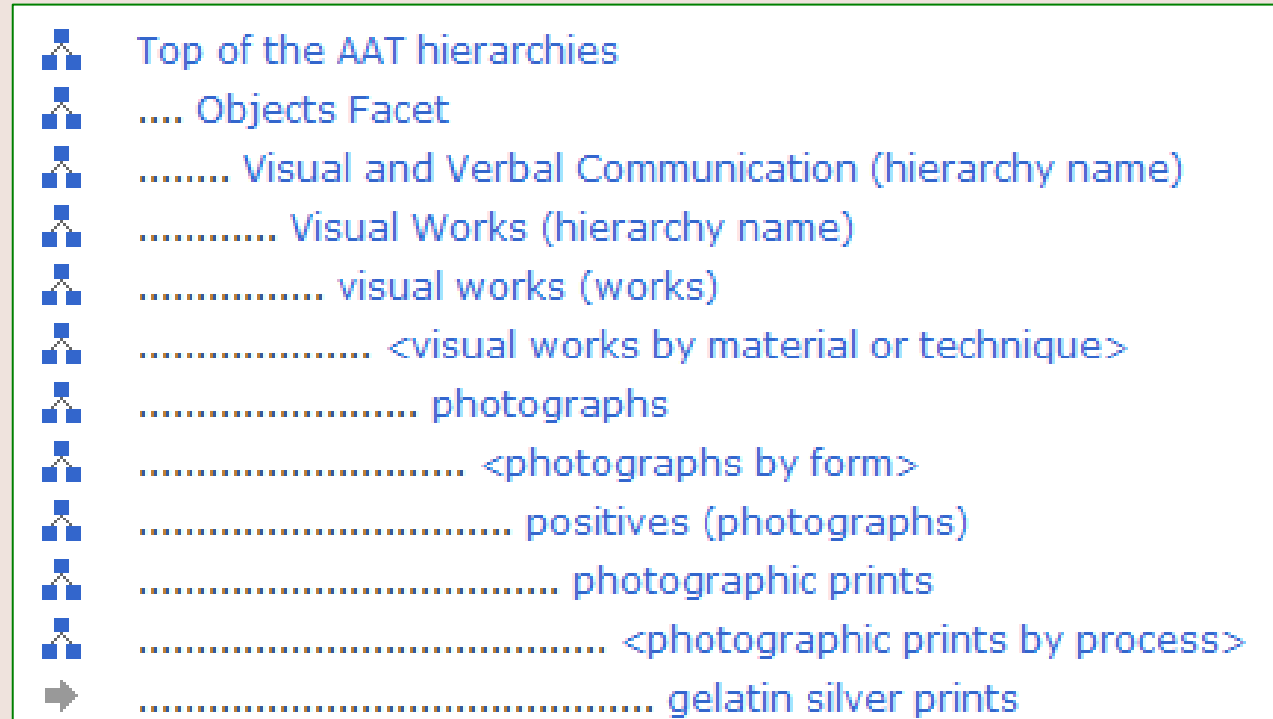
Specificity

Work Type: Homographs

> keys (hardware)
>
> keys (sound device components)
>
> keys (texts)

- Be sure to link to the correct concept
- Beware of homographs
- Homographs are distinguished by hierarchical placement and other information, an in AAT by "qualifier" which is stored in separate field from term

Specificity

Link to the term appropriate for indexing; singular or plural? which language?

- Linking to the AAT and other Getty Vocabularies allows the variant terms and other links and information in the AAT, ULAN, or TGN record to be used in retrieval of the work

Work Type: Plural, language

Catalog Level item
Classification vessels
Work Type vase
Title Blue and White Glazed Globular Vase
明 永樂 青花龍紋天球瓶
Creator unknown Chinese
Creation Date 1403/1424 CE
Subject (general) object (utilitarian)
(specific) | animal | dragon
Current Location National Palace Museum
(Taipei, Taiwan) **ID:** 012547N000000000
Measurements 42.9 cm high and 9.7 cm
diameter; foot diameter 15.8 cm
Materials blue and white porcelain
| porcelain (material) | blue-and-white
(ceramic glaze)

ID: 300132254   AAT

vases (vessels (containers), <containers by form>, ... Furnishings and Eq

Note: ...which are usually taller than they
form ...rs to vessels for displaying flowe
often ...a range of shapes and used to f
subst...

Term...

vases (**preferred**,...
(French-P,D,...
vase (C,U,English,...
(French,AD,U,...N)
花瓶 (C,U,Chinese (
陶瓶 (C,U,Chinese (
huā píng (C,U,Chin...
hua ping (C,U,Chin...anyu Pinyin)-P,UF,U,U)
...nyin without tones)-P,UF,U,U)
hua p'ing (C,U,Chin...ade-Giles)-P,UF,U,U)
vazen (C,U,Dutch-P...
vaas (C,U,Dutch,AD...
vasos (C,U,Spanish...
vaso (C,U,Spanish,...

Facet...

Hierarchical Position:
Objects Facet
.... Furnishings and Equipment (Hierarchy Name) (G)
.... Containers (Hierarchy Name) (G)

Getty

Indexing Using the Getty Vocabularies

Specificity

- It may be appropriate to link to historical names, if system allows it
- In this case, index the name as it appears inscribed on the work
- Through TGN, all other names are linked

TGN

Location: Historical names

Specific Subject: Fiorenza *[TGN]*

Firenze *(preferred, vernacular, Italian-preferred)*

Florence *(English-preferred)*

Florenz *(German-preferred)*

Florencia *(Spanish-preferred)*

Fiorenza *(historical)*

   Date: Medieval
   Start: 900 *End:* 1700

Florentia *(historical, Latin)*

   Date: name of Roman colony on North bank o
  Start: -100 *End:* 1500

Florentine *(adjectival, English)*

- Names and terms may be historical, may have dates

Specificity

- You may choose terms or names preferred by other vocabularies if you wish
- E.g., LOC name is flagged in the ULAN record

LC Control Number: n 79018152

HEADING: Moore, Henry, 1898-1986

000 00967cz a2200253n 450

001 4213247

005 20060504162806.0

008 790305n| acannaabn |a aaa

010 __ |a n 79018152 |z n 79018153

035 __ |a (DLC)n 79018152

040 __ |a DLC |c DLC |d DLC |d DLC-R |d DLC

100 1_ |a Moore, Henry, |d 1898-1986

400 1_ |w nnaa |a Moore, Henry Spencer, |d 1898-

ULAN names

Moore, Henry (preferred, index, LC)

Henry Moore (display)

Moore, Henry Spencer

CONA ID 700000137 Catalog Level: item
Classification: sculpture
Work Type: monumental sculpture
Title: Large ArchCreator: Henry Moore (British, 1898-1986)
Patron: Xenia Miller and J. Irwin Miller
Creation Date: installed in 1971

Balthazar Korab

Getty

Specificity

- Current Location
- Flag with extensible list of Types creation, discovery, original, architectural context
- Location may be a Repository (corporate body) linked to ULAN (in ULAN, the repository place is in turn linked to TGN)
- Location may be a Geographic Location linked to TGN

Location: Geographic, repository, flags for Type

Catalog level: item   *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*:

Current Location:
Dumbarton Oaks (Washington, DC, USA)
  [ULAN 500235090]
Repository Number: B38 VCS

Location: Veracruz (Mexico) *Type:* discovery
        [TGN 7005599]

Specificity

Cat. level: item   Class: photographs
Work Type: photograph
Title: *Lincoln on the Battlefield of Antietam*
Creator: Alexander Gardner (American photographer, 1821-1882)
Date: 1862 Material: albumen print Dimensions: 8 5/8 x 7 3/4 inches

Subject: Several vocabularies

General
portraits
history and legend

Specific

Antietam National Battlefield
(Sharpsburg, Maryland, United States) .   **TGN**

American Civil War (event) . . . . **IA**
Abraham Lincoln (American president, **ULAN**
1809-1865) . . . .
John McClernand (American Union **ULAN**
General, 1812-1900) . . . .
Allan Pinkerton (American Secret **ULAN**
Service agent, detective, 1819-1884) . **AAT**
army camp . . . .
tents (portable buildings) . . . . **AAT**

Getty

CONA ID: 700008509

Specificity

Subject: Scientific, common name

AAT

Cat. level: item
Class: prints and drawings   Work Type: print
Title: Pomegranate with Blue Morpho Butterflies
Creator: Maria Sibylla Merian   Creation Date: ca. 1705
Materials: watercolor and gum arabic over partial transfer print on vellum

General Subjects: ▪ animal ▪ botanical
Specific Subjects:
   Morpho menelaus (species)
   Punica granatum (species)
   Eumorph fasciatus (species)

Related Work: The In
Current Location: Th
Her Majesty Queen E

Top of the AAT hierarchies
.... Agents Facet
.... Living Organisms (hierarchy name)
.... living organisms (entities)
.... Eukaryota (domain)
.... Animalia (kingdom)
.... Arthropoda (phylum)
.... Hexapoda (subphylum)
.... Insecta (class)
.... Lepidoptera (order)
.... Papilionoidea (supe
.... Nymphalidae (family
.... Morpho (genus)
....Morpho menela

AAT

Papilionoidea (superfamily) (**preferred**,C,U,S,English-P,D,
                  (superfamily) (Latin-P,D,U,N)
                  (superfamilie) (Dutch-P,D,U,U)
butterflies (C,U,LC,C,English,AD,U,N)
butterfly (Papilionoidea superfamily) (C,U,English,AD,U,N
true butterflies (C,U,English,UF,U,N)
Lepidoptera diurna (C,U,English,UF,U,N)
Rhopalocera (C,U,English,UF,U,N)
鳳蝶總科 (總科) (C,U,Chinese (traditional)-P,D,U,U)
真蝶總科 (C,U,Chinese (traditional),UF,U,U)
fèng dié zǒng kē (C,U,Chinese (transliterated Hanyu Pinyin
feng die zong ke (C,U,Chinese (transliterated Pinyin withou
feng tieh tsung k'o (C,U,Chinese (transliterated Wade-Gile:

Indexing Using the Getty Vocabularies
CONA ID: 700008616

Getty

Specificity

"untitled"?
Titles or names

- Do not leave "core" fields blank
- Avoid using the term "untitled" as a Title unless it is so-named by the artist or by the owner/repository
- If no title is given, construct a descriptive title
- In this example, the repository has given the work a title

Catalog Level: item
Classification: prints and drawings   Work Type: screen print
Creator: Roy Lichtenstein (American, 1923 – 1997)
Creation Date: 1965
Current Location: National Gallery of Art (Washington, DC); Gift of
Roy and Dorothy Lichtenstein; 1996.56.139

> *Title:* Brushstroke
> *Title Type:* repository

Value: 58.4 *Unit*: cm   *Type*: height
Value: 73.6 *Unit*: cm   *Type*: width
Extent: image
Value: 56.4 *Unit*: cm   *Type*: height
Value: 72.4 *Unit*: cm   *Type*: width
Extent: framed
Value: 76.7 *Unit*: cm   *Type*: height
Value: 92.2 *Unit*: cm   *Type*: width
Value: 4.4   *Unit*: cm   *Type*: depth
Mat & Tech: color screen print on heavy, white wove paper
Inscriptions: lower right in graphite: rf Lichtenstein H.C. G
Leo Castelli Gallery
Chiron Press

CONA ID 700008563

Indexing Using the Getty Vocabularies

Specificity

- Do not leave "core" fields blank
- Avoid using the term "untitled" as a Title unless it is so-named by the artist or by the owner/repository
- If no title is given, construct a descriptive title
- In this example, title is constructed

Titles or names

Cat. level: item   ▪ *Class:* ▪prints and drawings ▪American art
Work Type: ▪ design drawing   ▪ competition drawing
Title: Temple Design
        for the Lincoln Memorial
Title Types: descriptive
              constructed
▪*Creator Display:* architect: Henry Bacon (American, 1866-1924); draftsman: Jules
        Guéren (French, 19th-20th century)
Role: architect ▪[link]: Bacon, Henry

Title: Temple Design
        for the Lincoln Memorial
Title Types: descriptive

        (Washington, DC, USA)   ▪*ID:*unavailable
▪ *Measurements:* unavailable
▪ *Materials and Techniques:* ink and watercolor on paper
Material [links]: ▪ink   ▪watercolor   ▪paper
▪ *Related Work:*
Relationship Type [controlled]: depicts
[link to Work Record]: Lincoln Memorial (Washington, DC, USA); Henry Bacon
        (American architect, 1866-1924) and Daniel Chester French (American
        sculptor, 1850-1931), 1915-1922

CONA 700008521

Indexing Using the Getty Vocabularies
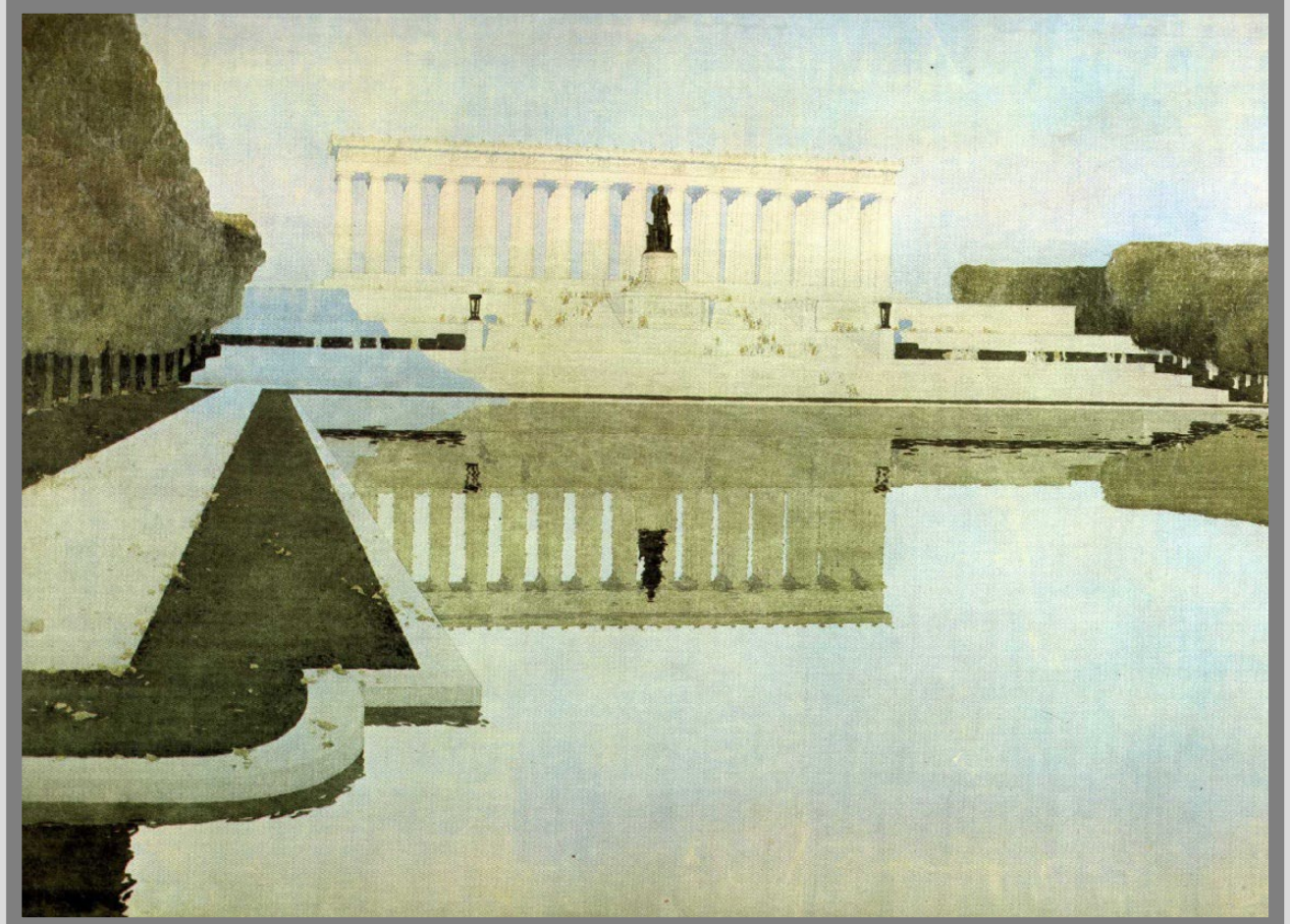
Specificity

- Place information in the correct field
- E.g., an inscription is not necessarily a title
- Record long inscriptions in the Inscription field

Titles vs inscription

Cat. level: item   Classification prints and drawings
Work Type poster | lithograph

Title: Chat Noir

Title: Poster of a Black Cat, for the Reopening
of the Chat Noir Cabaret

Creator Théophile-Alexandre Steinlen (Swiss artist, 1859-1923)
Creation Date 1896
General Subject advertising/commercial | animals
Specific domestic cat | Chat Noir (cabaret) | Rodolphe Salis (French performer, 1851-1897) | shadow theater
Current Location Santa Barbara Museum of Art (Santa Barbara, California): ID:1991.17
Dimensions 61.6 x 39.62 cm   (24 1/4 x 15 5/8 inches)
Mat & Tech: lithograph | ink | paper | lithograph

Inscription: along right side and bottom: Prochainement / la très illustre Compagnie du / Chat / Noir / avec / ses Pièces d'Ombres / Célèbres, ses Poëtes / ses Compositeurs / Avec / Rodolphe Salis

Getty

Specificity

Work type? or Shape?

Catalog level: item

Class: ▪architecture ▪ European art

Work Type: ▪ entrance

Title: Pyramids: Entrance to the Louvre

Creator Display: I. M. Pei

Current Location: Louvre Museum Courtyard (Paris, France)

Role: architect   Pei, I. M. (American, born 1917 in China)

Creation Date: 1989   : ▪ *Start:* 1989   ▪ *End:* 1989

General Subject: architecture   *Type:* isness Specific: museum entrance

Dimensions: 21.6 m (71 feet) pyramid

▪*Value:* 21.6 *Unit:* m *Type:* height |

Shape: pyramidal

Mat & Tech: and Techniques: glass and steel rods and cable

Material [links]: ▪ glass ▪ steel   *Technique* [links]: ▪ cable

Part of: Louvre Palace (Paris, France) CONA ID 700008630

CONA ID 700008629

pyramids (tombs or platforms)	300004838
pyramids (geometric figures)	300163119
pyramids (dessert containers)	300202483

- But is Work Type "pyramids" here?
- Not a tomb; geometric figure not a "work type"
- Better to use Work Type for function = "*entrance*"
- Form = *pyramidal* as Shape under Dimensions

Getty

Specificity

- Museums primarily catalog items
- Special collections and archives catalog groups, volumes, etc.
- What is the catalog level of your work record?
- Specificity of terms may be determined by the level at which you catalog
- Different terms are relevant for different levels

Relative to catalog level

Catalog levels

item
volume
group
subgroup
collection
set
series
multiples
component

Group-Level or Item-Level cataloging?

- **Approach A:** Describe/catalog only the broader work or group using general terms for the whole as well as important specific terms for the important parts or items

- **Approach B:** Describe/catalog the broader work or group, knowing you intend to make separate records for all or the most important parts or items.
-- For the broader work or group, use general terms applicable to all the parts
-- For the parts or items, use terms specific for each

for the volume

Subject:
psalms *[AAT]*
antiphons *[AAT]*

for the folio

Subject:
Isaiah (prophet, Old Testament) *[IA]*
Book of Isaiah (9:2–7 Psalm 96) *[IA]*
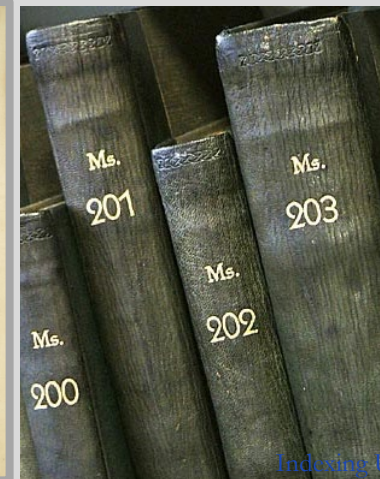
for the group

Subject:
liturgical texts *[AAT]*

Getty

Indexing Using the Getty Vocabularies

Specificity

Cataloging work or image?

Exhaustivity

- **Exhaustivity** refers to the degree of depth and breadth that the cataloger uses, often expressed by using a larger number of indexing terms or a more detailed description

- However, is it useful to index every possible applicable term?

- If not, where do you draw the limit? Index the most important or most prevalent characteristics

- How many aspects of a work do you catalog? How many terms do you assign to a work?
- Time limitations
- Focus of the collection

Getty

Exhaustivity

- How many aspects of a work do you catalog?
- Only core fields, or do you need others?
- How many terms do you assign to each field of a work record?

Catalog level: volume

Class: books and manuscripts

Work Type: gradual

Title: Gradual for Monastic Use

Creator: illumination: workshop of: Pacino di Bonaguida; patron: probably Augustinian

Creation Location: Florence (Italy)

Creation Date: 1303/1340

Style: Gothic

Measurements: 174 folios; overall (page dimensions): 35.7 x 26.2 cm (14 1/16 x 10 5/16 inches)

Materials: tempera and ink on parchment; bindings of calfskin over boards with metal clasps

Current Location: Museum of Fine Art (Boston, Massachusetts)

Description: A gradual (a liturgical book, containing chants for the Mass) for monastic use, possibly the Augstinian order, with 174 folios (ff.) and 2 leaves:

ff. 1 - 109: Gradual: Temporale and Sanctorale (partial)

ff. 109v - 113: Litany

ff. 114 - 160: Gradual: Temporale (continued)

ff. 161 - 168: Temporale sequences

(f. 168v: Originally blank, with a 15th-century addition in Italian on three staves: "Sanctus della domenica…")

ff. 169 - 174v: Credo (four repetitions of "Patrem omnipotentem," each with a different melody)

Exhaustivity

- Multiple terms may apply
- E.g., one work may require multiple work types

Cat. level: item   Class: Prints, Drawings, and Photographs
Work Type: fraktur   birth certificate baptismal certificate
Title: Birth and Baptismal Certificate
Creator: Francis Portzline (American (Pennsylvania German), active 1838 -1855)

- *Record Type*: item
- *Class*: ▪prints and drawings
        ▪American art

Work Types:
- ▪fraktur (document)
- ▪birth certificate
- ▪baptismal certificate

Getty

CONA 700009453

Exhaustivity

Cat. level: item Class: Manuscripts Near Eastern works
Work Types: manuscript palimpsest prayer book homilary
Title: MS 575. Codex Armenicus Rescriptus. Palimpsest.
Creator: U... ... ... the Museum of St. Cathrine, Mt Sinai, E...
Authors: J...
Prayers, I...
Date of Cr...
Medium: p...
case by Ac...
Measurem...
(Erkathgir)...
with 7 inte...
Language: ...
Provenanc...
Germany (ca. 1900); 3. Walther Adam, Magdeburg and Goslar (1918/30-1964); 4. Carl
Wilhelm Adam, Goslar (1964-1987); 5. F. Dörling, Hamburg 1.6.198... ...9; 6. Sam Fogg,
London.
Description: The Codex Armenicus Rescriptus is a parchment originating at the Monastery of
St. Catherine at Mt. Sinai. The original text on the parchment was an Armenian version of the
Homilies on the Psalter by John Chrisostomos. It was later overwritten with Melkite liturgical
prayers...
Armeni... ...mples
of Arm... ...re
are 20 M... ...ous
library ... St.
Petersb...
Sources ...2,
now in ...
Assfalg...
Exhibited: Conference of European National Librarians, Oslo. Sept. 1994

- *Record Type*: item
- *Class*: ▪manuscripts ▪Near Eastern works
- *Work Types*:

  ·manuscript ·palimpsest
  ·prayer book ·homiliary

- Work type may change over time
- Include terms for original and current type
- Was originally a set of homilies;
- second text is a prayer book

CONA 700008558

Getty
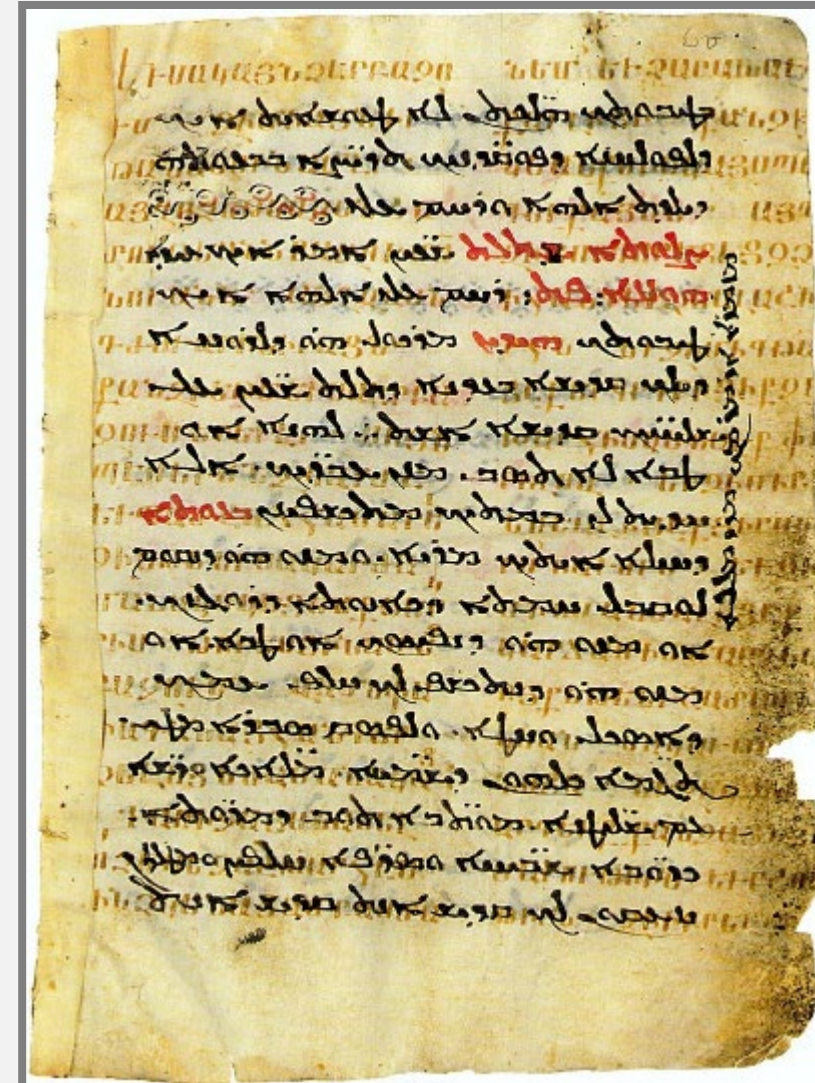
Exhaustivity
Group or item-level

Catalog level: group
Class: architectural drawings
Title: Group: Drawings for Falling Water
(Kaufman House), Bear Run, Pennsylvania
Creator: Frank Lloyd Wright
[link]: Wright, Frank Lloyd, Role: rchitect
Cre
Wo

Work Types:
    preliminary drawings
    presentation drawings
    working drawings
    sections
    elevations
    plans

Des
dep
son
Current Location: Frank Lloyd Wright Home and Studio

Getty
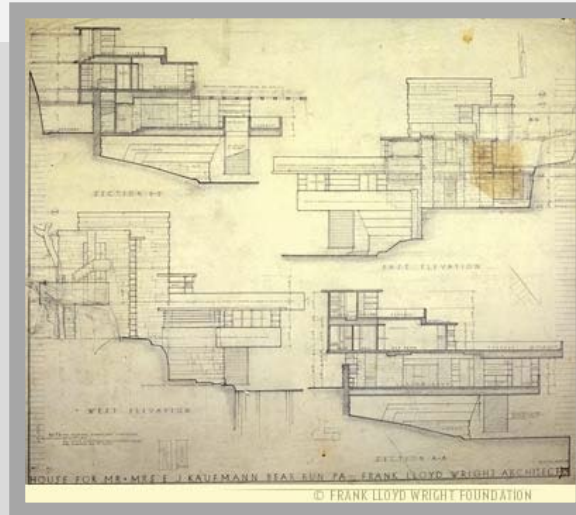
Exhaustivity

- Item in hand, or conceptual work, or series?

Group Record
Catalog level: series · *Class [controlled]:* prints
Work Type ·color woodcuts
Title : Thirty-six Views of Mount Fuji: First Series
Alternate Title: First Series: Mt. Fuji Views
*Crea___   ___ (___ 1760-1849)
      Pu___
*Crea___
*Subje___
*Curr___   ___ pp
Style: Edo
Measurements: 36 prints, average plate size: 24 x 37 cm
      [cont.] ·Extent: items Value: 36   Unit: N/A   Type: count
      ·Qualifier:
      Unit: cm
*Materials and Techn___
      paper
      [link] ·ink
Description: Hokusa___
      the first series.

CONA 700000091

Work Record
Catalog level: item · *Class:* ·print
· *Work Type*: · color woodcut
· *Title*: Great Wave at Kanagawa
  Title: In the Hollow of a Wave
Type: alternate
· *Creator Display:* Katsushika Ho___
published by Nishimura Eijudo (J___
·Role : printmaker   ·[link]: Hok___
·Role : publisher   ·[link]: Nish___
· *Creation Date:* ca. 1831/1833
· *Latest:* 1836
· *Subject :* ·seascape ·wave
(Chubu, Japan) ·Kanagawa (Kan___
· *Style* [link]: Edo

- Whole/Part Records for a series and a part

Getty

Exhaustivity

CONA ID 700008520
Cat. level: item Class: drawings Work Type: drawing
Title: *Circular Monument for Lincoln*
Maker: architect: Daniel H. Burnham; draftsman: C.B.
Date: 1908-1909
Location: United States Capitol collection (Washington, DC)
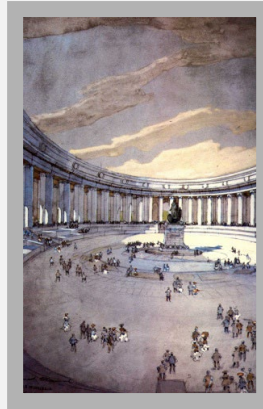
CONA ID 700008521
Cat. level: item Class: drawings Work Type: drawing
Title: *Temple design for the Lincoln Memorial*
Maker: architect: Henry Bacon;
draftsman: Jules Guéren
Date: 1912
Location: National Archives (Washington, DC)
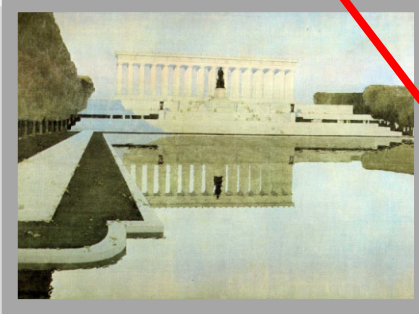
CONA ID 700008522
Cat. level: item Class: drawings Work Type: drawing
Title: *Temple design for the Lincoln Memorial*
Creator: architect: John Russell Pope: draftsman: Otto R. Eggers
Date: 1912
Location: National Archives (Washington, DC)

CONA ID 700008523
Cat. level: item Class: drawings Work Type: drawing
Title: *Pyramid design for the Lincoln Memorial*
Creator: architect: John Russell Pope; draftsman: attributed to Rockwell Kent
Date: 1912
Location: National Archives (Washington, DC)
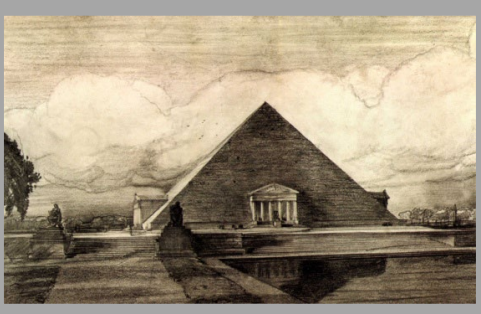
- Another conceptual relationship
- Entries in an architectural competition may be considered a group (non-archival)
- Link a drawing to the appropriate competition group through hierarchical relationships
- [Record competitions as events in Events]
- *Examples are from CONA, but applicable to any system*

CONA ID 700008524 Cat. level: item Class: architecture Work Type mem
Title Lincol
Creator arc
sculptor Da
Creation D
General Su
Specific co
Current Lo
available
Mat & Tech
columns: Indiana limestone

Lincoln Memorial (conceptual)
    Lincoln Memorial
    [Structure as built]
    Competition 1908-1909
    Competition 1911-1912
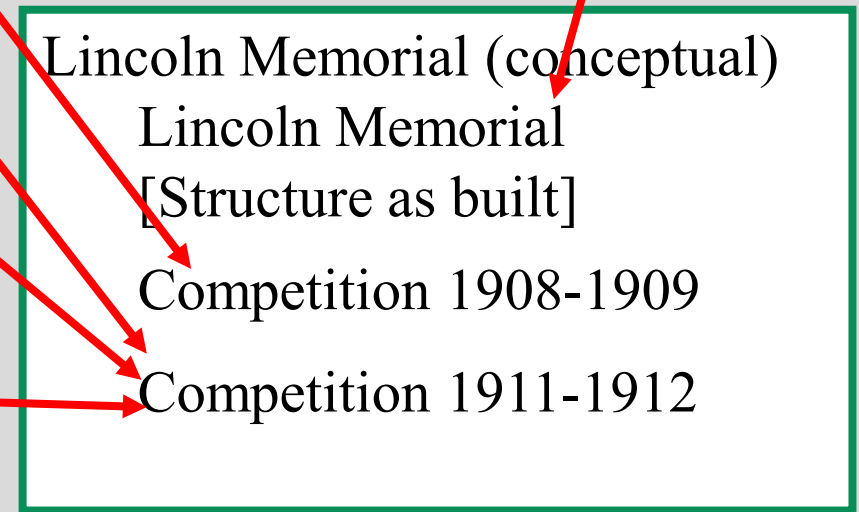
Exhaustivity

Works are linked to each other
Hierarchical relationships

Record Type: built work **Catalog Level:** complex
Classification: architecture
Work Type: complexes (buildings)
Title: *Mogao Caves Complex*
Title: *Grottes de Mogao*
Title: 莫高窟
Creator: various artists
Date: 4th to the 14th century
Location: Mogao caves (ancient site) (Dunhuang, China)
Desc. Note: 492 cells and cave sanctuaries in Mogao are famous for statues and wall paintings, spanning 1,000 years of Buddhist art.

TGN

architectural context is

Title: *Mogao Cave 275 grouping*

an Object Grouping?

Broader Context: Mogao Cave 275 [as an object grouping]
Relationship Type: Whole/part
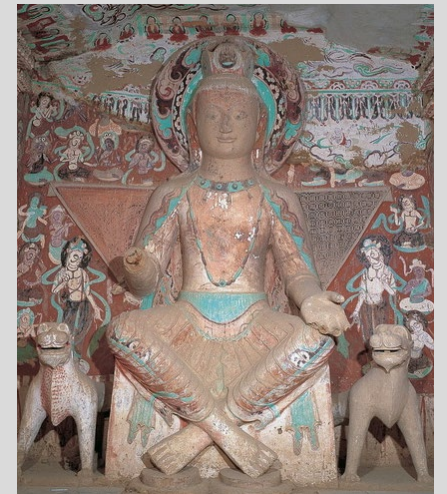
Title: *Buddha from Cave 275*
a sculpture ("Movable" Work)?

CONA 700008875

Exhaustivity
Associative relationship

house

drawing

photograph

preparatory for

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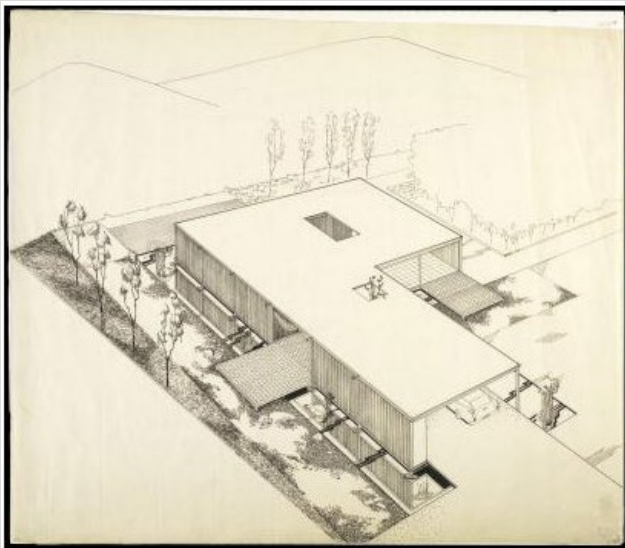
CONA ID 700000120 Catalog level: item
Class.: drawings Work Type: architectural drawing
Title: Case Study House No. 21
Creator: Pierre Koenig
Current Location: GRI Special Collections, Getty
Center (Los Angeles, California) 2006.M.30-

CONA ID 700000090 Cat. level: item
Class.: architecture   Work Type: house
Title: Case Study House No. 21
Title: Bailey House Title: CSH #21
Creator: architect: Pierre Koenig
Creation Date: 1956-1958; renovated 1998
Dimensions: 1 story, 1320 square feet, 4 rooms and 2
baths, on a 110 x 160 foot lot
Mat & Tech: and Techniques: steel frame and flat
roof deck
Current Location: Los Angeles (California, USA)
Address: 1635 Woods Drive

CONA ID 700008539 Cat. level: item
Class.: photographs   Work Type: photograph
Title: Case Study House No. 21
Creator: Julius Shulman
Current Location: GRI Special Collections, Getty
Center (Los Angeles, California); 2004.R.10-26622-
32-LF

RELATIONSHIPS BETWEEN WORKS

may be rich and complex

- **St. Peter's in Rome and its dome**
- *Examples are from CONA, but applicable to any system*

CONA ID 70000016 Class: architecture
Work Type: basilica cathedral
Title: Basilica di San Pietro in Vaticano
Title: San Pietro in Vaticano
Title: Petersdom
Title: New St. Peter's
Title: Basilica Sancti Petri
Title: Basilique de Saint-Pierre
Creators: principal architects: Donato Br[…]
Porta, …
Creation Date: second church on the site[…]
1506, constructed 1546 to 1564 and 159[…]
Mat & Tech: masonry
Dimensions: length 730 feet (220 m); wi[…]
height of dome above street level: 452 fe[…]
Location: Rome (Italy)   41°54'8"N 12°2[…]

CONA ID 700008435 Class: prints and […]
Work Type: design drawing
Title: Section and Elevation of the Dru[…]
St. Peter's   *Title Type:* descriptive
Creator: Michelangelo (Florentine sculpt[…]
architect, 1475-1564)
Date: mid 1550s
Medium: incised lines, charcoal with trac[…]
on paper
Dimensions: 270 x 267 cm
Type, Purpose, Method of Representation:
Descriptive Note: This is the only known […]
Subject/Built Work: •section •elevation […]
Peter's Basilica, Rome)
Related Work: Dome (St. Peter's Basilica[…]
Relationship type: design for
Current Location: Musée des Beaux Arts (Lille, France)
Collection Wicar, 93-94

study for

part of

CONA ID 700[…]
[…]itecture
Work Type: do[…]
Title: Dome of […]
Creator: Miche[…]
Date: designed[…]
Mat & Tech: b[…]
chain compress[…]
Dimensions: 42[…]
height of dome[…]
[…] the […]
(390 feet) abov[…]

predecessor of

[…]A ID 700008436 *Class:* sculpture
Work Type: half model
Title: Half Model for the […]
Peter's, Rome   *Title Type*[…]
Creators: Michelangelo an[…]
Luigi Vanvitelli
Date: 1558-1561
Medium: linden wood, ge[…]
Dimensions: 5 x 4 x 2 m (v[…]
Scale: 1:15
Current Location: Musei V[…]
Italy)
Descriptive Note: The mod[…]
completed under the dir[…]
during …

model for

CONA ID 700008437 Class: prints a[…]
Work Type: measured drawing
Title: External elevation of the mode[…]
Title Type: descriptive
Creator: circle of Etienne Dupérac
Subject: •elevation •Model of St. Pete[…]
Related Work: Model of St. Peter's
Date: probably late 1560s
Medium: brown ink on paper
Descriptive Note: Probably done in pre[…]
the series of …
Current Location: Metropolitan Museu[…]
York, New York, USA); 49.92.91

depiction of

CONA ID 700002014 Class: architecture
Work Type: basilica cathedral
Title: Old Saint Peter's Basilica
Title: Antica basilica di San Pietro in Vaticano
Title: Antigua Basílica de San Pedro
Creator: unknown architect; commissioned by
Constantine I
Date: constructed in 4th century
Material: masonry
Location: Vatican (Rome, Italy)

Getty
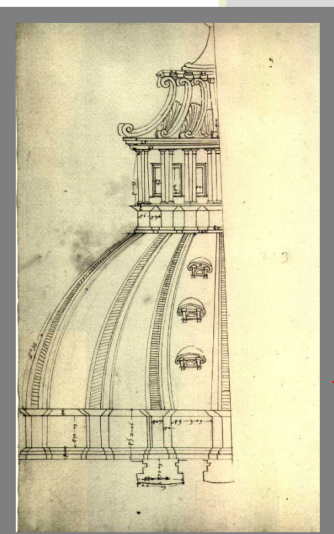
Exhaustivity

- Include historical information when appropriate
- Include former names or titles
- Titles or names may have associated dates
- For rules for establishing Start and End dates, see CONA documentation

Titles or names

Cat. level: item   Class: architecture   Work Type: skyscraper
Title: Willis Tower
   Preference: preferred Date: renamed 16 July 2009
Title: Sears Tower   Preference: variant/alternate
Creator: Skidmore, Owings and Merrill (American, established 1939), for Sears Roebuck and
Company (American retail company, founded 1886); architect: Graham, Bruce
Creation Date: completed in 1973
Current Location: Chicago (Illinois, USA) Address: 233 South Wacker Drive   Authority
Dimensions: height to the top of the roof: 442 m (1,450 feet); height to the highest occupied floor

Title: Willis Tower   Historical: Current
   Preference: preferred
      Date: renamed 16 July 2009
      Start: 2009   End: 9999
   Language: English   Lang.Pref.: preferred
Title: Sears Tower   Historical: Historical
   Preference: variant/alternate Other [type]: former

CONA ID 700000053

Exhaustivity

Roles of various creators

Cat.level: item Class: prints and drawings Work Type: screen print

Title: Vote McGovern

Creator Display: Andy Warhol (American, 1928-1987)

> *Creator Display:* Andy Warhol (American, 1928-1987)
>
> > *Role:* printmaker *[link]:* Warhol, Andy
> >
> > *Roles:* •artist collaboration • supervision •proofing
> >
> > > *[link]:* Tyler, Kenneth
> >
> > *Role:* edition printing *[link]:* Wasserman, Jeffrey
> >
> > *Role:* assistant: *[link]:* Dressen Robert
> >
> > *Role:* assistant: *[link]:* Knisel, Robert

Catalogue Number: 54.1 Gemini Work Number AW72-5046; Old Gemini

Catalogue Number 396;

NGA Accession Number 1984.104.23, 1985.47.229

Creation Date: 1972

Signature Date: 1972

Publication Date: 1972

Materials: 16-color screenprint Support Arches 88

Edition: 250 plus RTP, PPII, 3 GEL, 16 CTP, C

Facture: Colors or Sequence 1. blue (handmade lacquer stencil), 2. transparent yellow (handmade lacquer stencil), 3. orange (permanent emulsion photo screen), 4. magenta (permanent emulsion photo screen), 5. light orange (permanent emulsion photo screen), 6. gray (permanent emulsion photo screen), 7. yellow-orange (hand-cut lacquer stencil), 8. magenta (hand-cut lacquer stencil), 9. red (hand-cut lacquer stencil), 10. purple (hand-cut lacquer stencil), 11. yellow (hand-cut lacquer stencil), 12. transparent magenta (hand-cut lacquer stencil), 13. red/black/yellow (hand-cut lacquer stencil), 14. black (permanent emulsion photo screen). Collaboration and Supervision Kenneth Tyler. Processing and Proofing Kenneth Tyler . Edition Printing Jeffrey Wasserman assisted by Robert Dressen, Robert Knisel

CONA 700009462
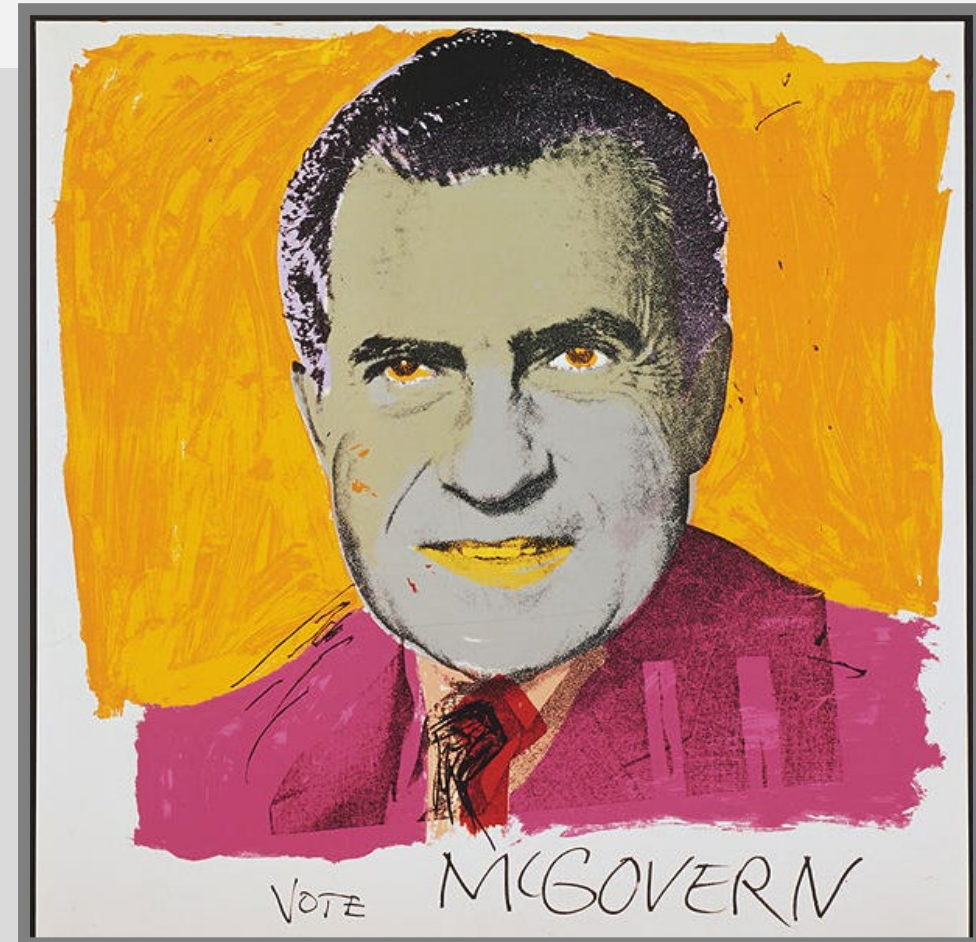
Exhaustivity

- Creator is required
- Patrons of architecture should be included
- In many cases, the patron is known but the architect is unknown

Creation and patronage

Cat. level: item Classification architecture
Work Type mausoleum
Titles Taj Mahal

Creator Display:
architect: Ustad Ahmad Lahauri (Indian architect, ca.1580-1649);
patron: Shah Jahan (Mughal emperor, born ca. 1592)

Creation Date 1632-1653
General Subject architecture **Type:** isness
Specific burial **Extent:** purpose | Mumtaz Mahal **Extent:** dedication | Shah Jahan **Extent:** dedication
Current Location Agra, Uttar Pradesh, India ; 27°10′30″N 78°02′31″E
Dimensions height: 561 feet (171 m)
Mat & Tech: white marble

CONA ID 700000214

Indexing Using the Getty Vocabularies

Pre-coordination and Post-coordination

Pre-coordination or Post-coordination

pre-coordination: Combination of individual concepts into compound or complex terms at the point of data storage

post-coordination: Combination of individual concepts into compound or complex terms at the point of retrieval

When you need compound terms that are not bound in the published authority, construct them locally

- Compound terms are multiple-word terms

- A published vocabulary typically limits inclusion of compound terms, only "unique concepts"

- You may construct additional compound terms in the work record, "precoordination"

- E.g., if you have a red silk and black wool vestment, indexing should bind "red" and "silk" together

Cat. level: item   Class: costume   Work type: chasuble
Title: Opus Anglicanum, Chasuble
Creator: unknown English   Date: 1330/1350
Material: red silk
Location: Metropolitan Museum of Art (New York); Fletcher Fund, 1927 (27.162.1)

pre-coordination

- Using separate fields that are bound, e.g., Material and Color

- Using subfields within a field

Getty
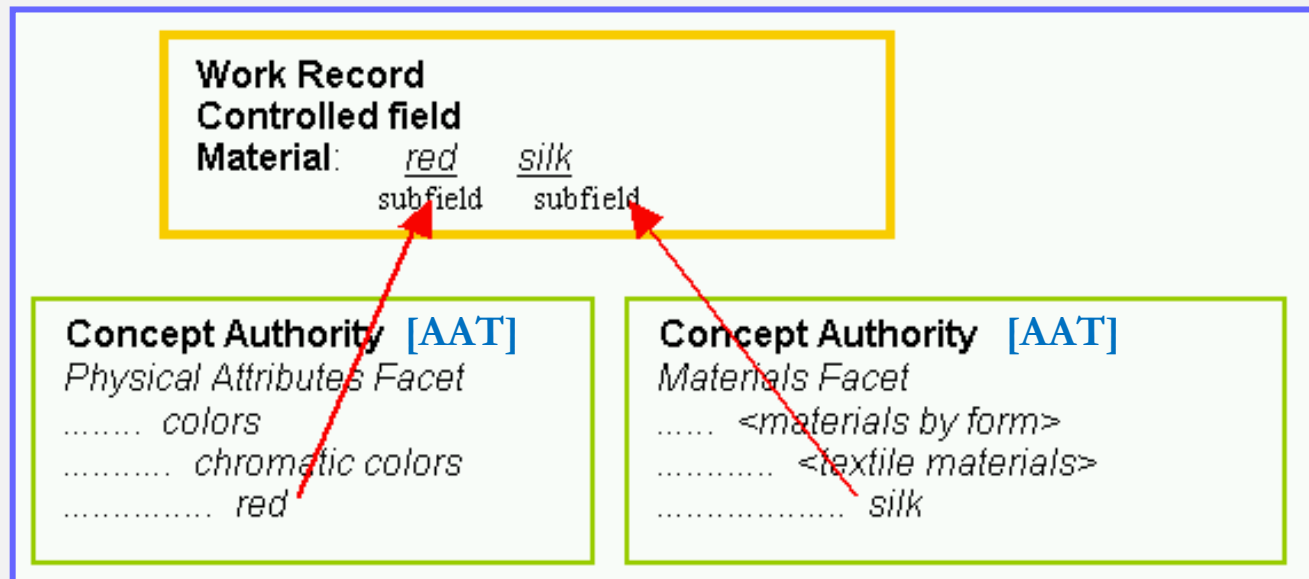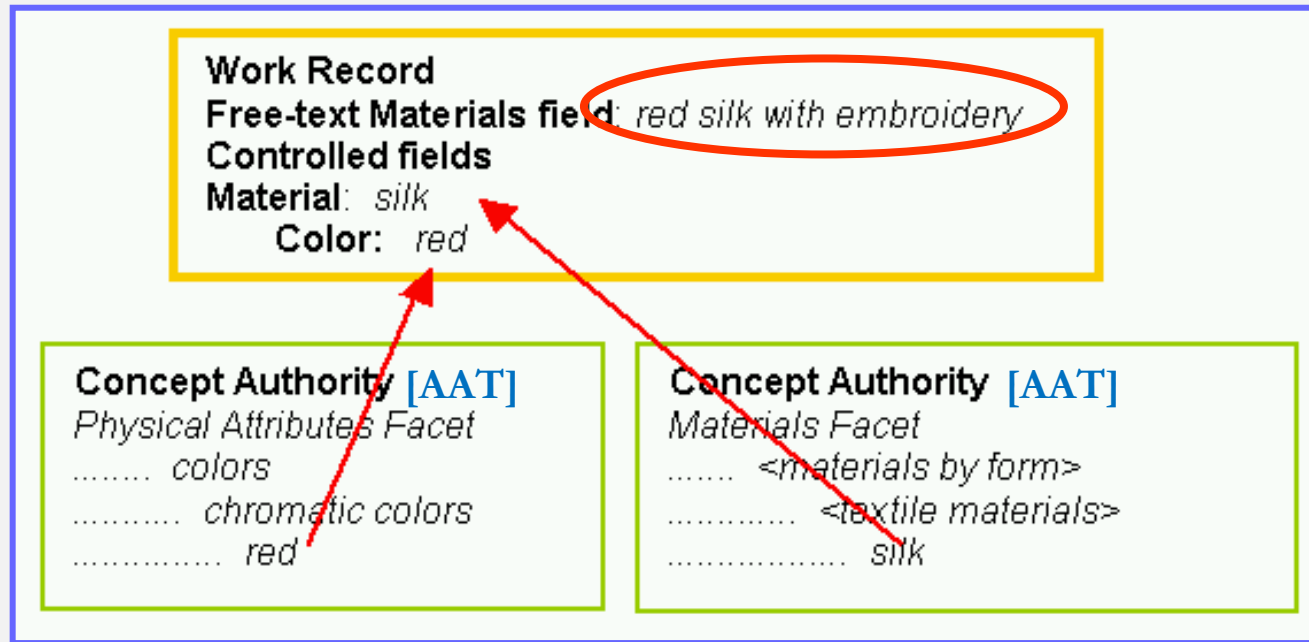
- Using local compound terms that bind the two words together

Work Record
Free-text Materials field: *red silk with embroidery*
Controlled fields
Material: *silk*
    Color: *red*

Concept Authority [AAT]
Physical Attributes Facet
.... *colors*
.... *chromatic colors*
.... *red*

Concept Authority [AAT]
Material Facet
....

Work Record
Controlled field
Material: *red*   *silk*
    subfield   subfield

Concept Authority [AAT]
Physical Attributes Facet
.... *colors*
.... *chromatic colors*
.... *red*

Concept
Material
......

Work Record
Controlled field
Material: *red silk*

Concept Authority
Materials Facet (AAT)
.... *<materials by form> (AAT)*
.... *<textile materials>(AAT)*
.... *silk (AAT)*
.... *beige silk (local)*
.... *black silk (local)*
.... *gray silk (local)*
.... *pink silk (local)*
.... *red silk (local)*
.... *white silk (local)*

Getty

Uncertainty and Ambiguity

and Unknown and Undetermined

Getty

Uncertainty and Ambiguity

- Explain any controversies or ambiguous issues
- If an issue is in dispute, it is critical to the intellectual integrity of the record to not express it as a certain fact
- In order to correctly represent the information and allow scholarly research, indicate uncertainty and ambiguity as necessary
- The cataloger should never assume, never choose one choice over another, and never state as a fact something that is debated among experts
- Sources may reflect disputes about any number of characteristics of the work, including the attribution or dates for a particular work
- When multiple suggestions have been made, include the most important, in the method allowed by individual elements

Getty

Uncertainty and Ambiguity

- Where a choice must be made for preferred information,
  prefer the information as accepted by the repository of the work

- Other information, including conflicting opinions, should also be included provided the source is expert and authoritative

- Always cite the source of the information

Issues for Indexing

- **When fields do not display to end-users,** estimating indexing values is flexible

- Some fields do not display to end-users;
  for example, the Start Date and End Date do not display to end-users

- For these fields, estimate broadly the span of time that is applicable

- Estimating too narrowly will result in failed retrieval

- However, estimating overly broadly will result in false hits in retrieval

- Rules for estimating in various situations are in CWDA and CONA guidelines
  See CONA guidelines
  "3.6.1.18.5.1 Minimum requirements for Start Date and End Date"

Getty

Example: When a particular year is unknown

Start and End Dates

Cat. level: item   Classification costume
Work Type mask
Titles Face Mask
Creator unknown Igbo
Creation Date: early to mid-20th century
Start: 19
Creation
General
Specific face
Current Location National Museum of African Art (Washington, DC): 2004-11-2
Dimensions unavailable
Mat & Tech: wood, cloth, glass beads, metal, buttons, kaolin

Creation Date: early to mid-20th century
Start: 1900   End: 1960

CONA ID 700008595

Getty

Indexing Using the Getty Vocabularies

Start and End Dates

Example: When a particular year is unknown

- In display date, express uncertainty, nuance, "ca."
- Index the display date with earliest and latest years for retrieval
- Rules for estimating Start and End Dates are in CONA documentation

Catalog Level: item
Class: prints and drawings Work Type: drawing
Title: Pennsylvania German Dish
Creator: rendered by Albert Levone
Creation Date: ca. 1935
Current Location: National Gallery of Art (Washington, DC)
Mat & Tech: watercolor, graphite, and gouache on paperboard
Dimens~~ions~~
Subject:
237
Index o
Descrip
American Design. Dishes made by Pennsylvania German potters came
in a variety of sizes and shapes. This oval one with scalloped edges was
elaborately decorated by the sgraffito technique. Notice the bold floral
design that contrasts with the light strokes of lettering that form a
delicate border. Splashes of green worked into the glaze heighten the
color of the red clay that is exposed. The dish was made by Samuel
Troxel. The inscription reads: "From clay and many skills, the potter
fashions what he will, July the 19th 1823."
R~~elated~~ Work: Pennsylvania German Dish

> *Creation Date:* ca. 1935
> *Start:* 1930 *End:* 1940
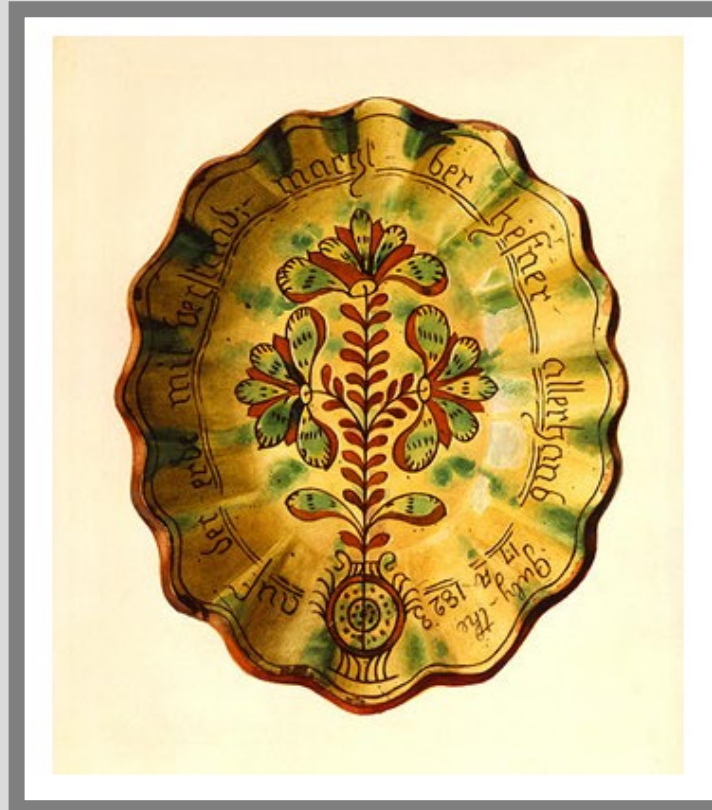
CONA guidelines:
"ca.: For circa (ca.), for works produced within the last several centuries, use a 10-year span for start date and end date (e.g., subtract five years from start date and add five years to end date to create a 10-year span (e.g., creation display date = ca. 1860 could be indexed start date = 1855, end date = 1865)."

CONA ID 700008596

Getty

Indexing Using the Getty Vocabularies

Example: When a particular year is unknown

Start and End Dates

Catalog Level: item   Class: sculpture
Work Type: model
Title: Wooden model for the façade of San Lorenzo, Florence
Creator: Michelangelo
Creation Date: completed by 1555
Current Location: Casa Buonarroti (Florence, Italy)

Creation Date: completed by 1555
Start: 1550   *End:* 1555

General Subject: architecture Type: description
Specific façade
Descriptive Note: This is probably one of the two models described by Michelangelo in a letter to his brother, Lionardo, in September 1555. It was ...

Other Issues for Indexing

- **When fields display to end users:** Most fields in a work record are displayed to end-users, both the display fields and often also the indexing fields

- If a field is visible to the end user (even though also used in retrieval), do not make wild estimations or guess

- However, if a specific value is in question, use a broader value or use both of two possible values, depending upon the circumstances

Other Issues for Indexing

- **Work Types, materials, culture:** Using the AAT, choose the most specific term appropriate; however, do not guess

- For example, if you are not sure if the process by which the work was made is *steel engraving*, use the broader term *engraving*

- For any uncertain or ambiguous situations, explain in a display field or the descriptive note

- For further guidance, see CONA Guidelines: **"3.6.1.2 Work Type," "3.6.2.2 Material Term," "3.6.2.15 Culture Term"**

Getty

Example: Index to specificity known
("Specificity and Exhaustivity" are discussed in more detail above)

- If it were not known that this technique is *steel engraving,* cataloger should use the broader AAT term *engraving*

Materials Indexing Terms

Catalog level: item Classification: prints Work type: steel engraving
Title: A mandarin paying a visit of ceremony
Title: Mandarin rendant une visite de c$00er$00emonie
Date: published: ca. 1845
Creator Display: Fox, Angus, after drawing by Thomas Allom; published by Fisher, Son and Company
Related Person: Fox, Angus (British printmaker, 19th century) role: engraver
Related Person: Allom, Thomas (British architect, 1804-1872) role: draftsman
...845) role: publisher

Materials Display: steel engraving, hand colored
Materials Index:
steel engraving (printing process) [AAT]
hand coloring [AAT]
ink [AAT]
paper [AAT]

...nty, California,

...ype: publication
General Subject: event | human figures
Specific Subject: mandarin (public officer) [AAT] | visit of state (cultural ceremony) [AAT] | palanquin (litter) [AAT] | procession (cultural ceremony) | Chinese (culture) [AAT]
Hierarchy: part of Movable Work: From series: China illustrated. Publication: Paris : Fisher, Son and Company, [ca. 1845].

Example: Standard materials may not apply

- For installations, performance art, new media, standard materials may not apply
- E.g., the elements of the installation may be components instead of media

Materials Indexing Terms

Catalog level: other   Classification: installations
Work Type: installation
Title: Four Corner Piece

Materials Display: installation with four cameras and four monitors

Materials Index:
variable media [AAT]

Components:
monitors (data processing equipment) [AAT]
cameras (photographic equipment) [AAT]

CONA ID: 700008578

When to index both possible values

Issues for Indexing

- **Locations:** For example, if sources disagree about whether a work was created in 15th-century Bruges or Brussels, you could
  1) index the culture as *Flemish* (encompassing both Bruges and Brussels during this period), and/or
  2) index both cities using TGN; links to TGN should be repeatable

- Explain in the Descriptive Note that scholars disagree regarding if the work was created in Bruges or Brussels

- For further guidance, see CONA Guidelines:
  3.6.1.19.5.2 How to record the Location

- Flags: For flags and other fields that are not repeatable, where you must choose one value only, make the best choice possible based on the information at hand

Getty

Example: When the location could be either of two places

Location

Catalog level: item Classification: manuscripts Work Type: folio
Title: Bishop Theophilus Finding the Grave of Saint Anthony
Creator: Master of the Brussels Ro26;on or workshop (Flemish, active about 1465)
Culture: Flemish
Locations: Current: J. Paul Getty Museum at the Getty Center (Los Angeles, Los Angeles

Culture: Flemish

Locations:

Current: J. Paul Getty Museum at the Getty Center (Los Angeles, California, United States) [ULAN 500329598] Repository Numbers: 83.MN.127.29; Ms. Ludwig XI 8, fol. 29

Other: Bruxelles [TGN 7007868] **Type:** creation
Other: Brugge [TGN 7007867] **Type:** creation

Saint Anthony (IA)
Hierarchy: part of   Invention et translation du corps de Saint Antoine

- Creator Display includes name in natural order and a brief display biography
- Creator may be one person
- Creator is linked to ULAN

Creator and other people

Cat. level: item
Classification paintings **Work Type** painting | leaf
Title Sitting on Rocks Gazing at Clouds
Title 宋 李唐 坐石看雲
Title Assis sur des rochers en regardant les nuages
Creator Display:
Li Tang (Chinese painter, 1050s-after 1130)
Person: [ULAN 500321561]

Creation Date 12th century
Culture: Song dynasty
General Subject landscapes
Specific rocks | clouds
Current Location National Palace Museum (Taipei, Taiwan)
Dimensions 27.7 x 30 cm
Mat & Tech: album leaf, ink and colors on silk

Getty

Example: When creator is a corporate body

■ Creator may be a *corporate body*, defined as two or more people working together (not necessarily "incorporated")

Creator and other people

Catalog level: item **Classification** sculpture
Work Type figurine
Title Beltrame di Milano

Creator Display: Meissen Porcelain Manufactory (German porcelain factory, 1710 to the present)
  Corp. Body: [ULAN 500054662]

Creation Date ca. 1720
General Subject literature
Specific Beltrame di Milano | Commedia dell'Arte
Current Location J. Paul Getty Museum (Los Angeles, California); 86.DE.542
Creation Place: Meissen (Germany)
Dimensions 6 1/2 x 2 11/16 x 2 5/8 inches
Mat & Tech: hard-paste porcelain

Example: When creator is anonymous

- Hand is identified
- Known by appellation devised by scholars or repositories
- Nationality and dates surmised from loci and dates of activity

Anonymous creators

Catalog level: item **Classification** enamels
Work Type triptych
Titles The Last Judgment

Creator Display: Master of the Orléans Triptych
(French, active late 15th–early 16th century)
  Person: [ULAN 500005454]

Creation Date ca. 1500
General Subject religion and mythology
Specific Last Judgement
Current Location Metropolitan Museum of Art (New York, New York): 1975.1.1225
Dimensions center plaque 25 x 22 cm; left plaque 25 x 10 cm; right plaque 25 x 10 cm
Mat & Tech: painted enamels on copper, partly gilded

Getty

Example: When creator is unknown

- Identity of hand is unknown
- Creator field refers to culture of creation, not an individual
- If creator is missing in contributed data, map from Culture

Unknown creators

Catalog level: item   **Classification** ceramics
Work Type vessel
Titles Vulture Vessel

Creator Display: unknown Aztec
     Cultural Group: [ULAN 500202913]

Creation Date 1200/1521
General Subject
  utilitarian objects   **Indexing Type:** isness
  religion and mythology
Specific Subject
  New World vulture (Cathartidae (family))

Current Location Metropolitan Museum of Art (New York, New York): 1981.297
Creation Place: Mexico
Dimensions height: 8 3/4 inches
Mat & Tech: ceramic
Culture: Aztec

Indexing Using the Getty Vocabularies

Example: When creator is qualified

Attribution qualifiers

- Use an attribution qualifier if the attribution to a given named artist is not certain
- Link to the named artist

Catalog Level: item
Class: decorative arts · furniture *Work Type:* side chair
Title : Side chair
Current Location: Metropolitan Museum of Art (New York, New York, USA) *ID:* 62.16

Creator Display:

attributed to Samuel McIntire (American, 1757-1811)

Role: designer

Person: McIntire, Samuel

Qualifier: attributed to

[link to Works]: Two side chairs (Bayou Bend Museum of Fine Arts, Houston, Texas, USA)
Relationship Type: related to *[link to Works]:* Side chairs (Karolik Collection, Museum of Fine Arts, Boston, Massachusetts, USA)

CONA ID: 700000089   Indexing Using the Getty Vocabularies

Example: When to include style and culture

- May record Style and also Culture
- May specify "Type" if desired

Style and culture

Catalog Level: component
Class: manuscripts Work Type: illumination
Title: A Crowd Watches a Flying Pelican Luring Smaller Birds into Its Large Beak
Creator: Shaykh Azari
Creation Date: 1613
Current Location: Walters Art Museum (Baltimore, Maryland)
Accession No. W.652.162A
Credit Line: Acquired by Henry Walters

Style etc.: Safavid   *Type:* dynasty

Culture: Islamic

Dynasty: Safavid
Reign: Shah Abbas (1585-1628)
Creation Location: Afghanistan
Ownership/Collection History: Henry Walters, Baltimore [date and mode of acquisition unknown]; Walters Art Museum, 1931, by bequest.

CONA ID 700008601   *Indexing Using the Getty Vocabularies*

Unknown and Undetermined

- What should the cataloger do if core information is limited or not available?

- When an element is indicated as required, this means that the element must be included

- However, it is recognized that occasionally data for any element may be missing during the cataloging process

Getty

Unknown and Undetermined

- Knowing that information is unknown or undetermined is important to users, particularly for the required core fields

- Values for required fields must be supplied, even when the information is unknown or uncertain

- When the information is unknown at the time of cataloging, include an appropriate designation indicating the state of knowledge or availability of information

- For fields that are not core, the cataloger may leave the field blank or null, or include *unknown* etc. if so desired by the cataloging institution

- Note that null values will not be displayed to end-users and will likely be omitted in transfer of data; values such as *unknown* should be include in data exchanges and publications of the data

Getty

Knowable vs. Unknowable

Knowable vs. Unknowable

- When information is unavailable at the time of cataloging, the cataloger may use values such as unknown, unavailable, undetermined, or not applicable, provided documentation or context explains to the user the meaning of these words for the given field

- For required fields and in other contexts, including such values is better than omitting the information entirely, particularly when the possibility exists for the record to be enhanced in later passes at cataloging, or to provide clarity in retrieval and research

- Has the cataloging institution simply forgotten to include the information?

- Or has the field been considered, but at this time the information is not available?

- Including such values for unavailable information clarifies the situation for users, while a blank field does not

Getty

Knowable vs. Unknowable

- Knowable information

  - For information that is knowable but simply unknown by you, always use a more general term or omit the information

  - When the lack of knowledge is due to your ignorance regarding the issue, do not use terms such as "probably" or "perhaps" because this implies that scholars are uncertain of this information

- Debated information

  - For information that is unknowable because scholars disagree because the historical or archaeological information is incomplete or interpretation of the information is debated, you may use terms such as "probably" or "perhaps" to explain the ambiguity or uncertainty in a Display Date or Scope (Descriptive) Note

Getty

Knowable vs. Unknowable

- In various fields, rules regarding how to deal with unknown information, uncertainty, and ambiguity may differ

- One of the most common ways of dealing with such information is to state the vagary in a display field, and then to index with all authoritative, probable terms for that display

- Another common method, for fields without accompanying display fields, is to index using a broader term that is known to be correct, rather than a narrow term that could be incorrect

Using the hierarchy for indexing

broader terms

narrower terms

Containers Hierarchy
...containers
.......<containers by form>
......vessels
...............alembics
...............askoi
...............basins
...................louteria
...............beakers (vessels)
...............boilers (vessels)
...............bottles
.................<bottles by form>
.................<bottles by function>
...............bowls (vessels)
.................covered bowls
...............buckets (vessels)
...............cage-cups
...............cauldrons
...............craggans
...............crocks
...............dinoi
...............ewers
.................aquamaniles
...............face vessels

Catalog level: item   Class.: vases
Work Types:
         column krater [300198859] (preferred)
         ..... (Objects Facet, Furnishings and Equipment (hierarchy name), Containers
Titles:
Attic Black-Figure Column Krater (preferred,C,U,RP,English-P,U,U)
Mixing Vessel with Dionysos and His Followers (C,U,English,U,U)
(hierarchy name), containers (receptacles), <containers by form>, vessels (containers),
kraters)
         krater [300198855]
         ..... (Objects Facet, Furnishings and Equipment (hierarchy name), Containers
(hierarch
Classific
Creation
Creator
Painter)
Location
Current:
United S
(Corp. F
Reposito
Credit L
Other:
Greece
Display
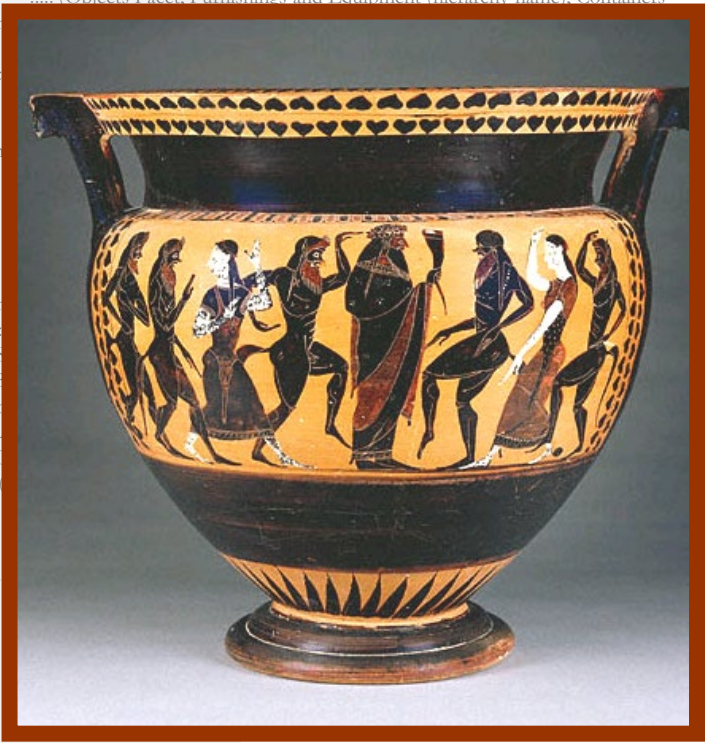
- Index with a specific narrower term only if information is supplied by sources
- if unknown, use a broader term, even "vessel"

Using the hierarchy for indexing

Catalog level: item   Class.: textiles   Work type: tapestry
Titles: Tapestry: Le Cheval rayé from Les Anciennes Indes Series (preferred,C,U,English-P,U,U)
Tapestry: The Striped Horse from The Old Indies Series (C,U,DE,undetermined,U,U)
Catalog Level: item

Creator Display:

Woven at Gobelins Tapestry Manufactory; after cartoon by Albert Eckhout and Frans Post, painters

Creation Date: about 1692 - 1730
Creator Display: Woven at Gobelins Tapestry Manufactory; after cartoon by Albert Eckhout and Frans Post, painters [preferred JPGM]

ULAN

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

index with

Getty

CONA ID: 700002785

Indexing Using the Getty Vocabularies

Using associative relationships for indexing

ULAN

Names:

Richard Meier & Partners (preferred, display, V)

Richard Meier and Partners (V)

Associative Relationships:

members are

Richard Meier

Michael Palladino

James R. Crawford

Bernhard Karpf

Reynolds Logan

The Atheneum
New Harmony, Indiana
1975 - 1979

3-D model of Douglas House from Great Buildings online; photo of Atheneum, New Harmony, IN, Avery Fischer Hall, New York, from http://www.richardmeier.com/

Getty

Disagreement among Sources

- Know your sources

- When two sources disagree, prefer the information obtained from the most scholarly, authoritative, recent source

Getty

Subject Access to Art Works

Indexing Subject

- Indexing subject matter may use all Getty Vocabularies

- Subject access is discussed in detail in a separate training module

- Please review this presentation:

http://www.getty.edu/research/tools/vocabularies/subject_access_for_art.pdf

Subject Access to Art Works
Overview Using Getty Vocabularies

Patricia Harpring
Managing Editor
Getty Vocabulary Program

Revised May 2020
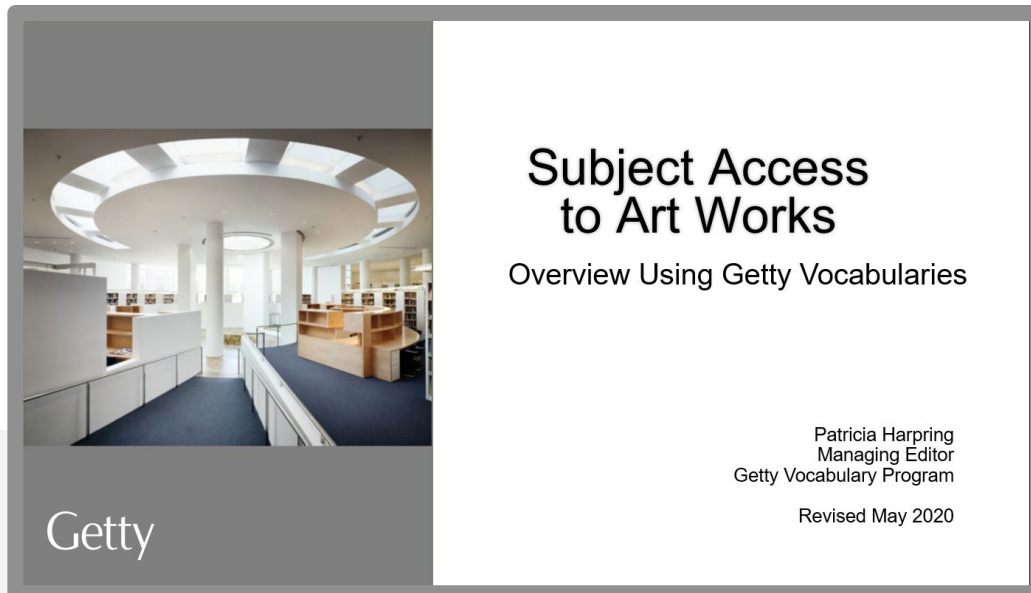
Getty

What are General Subject and Specific Subject?

- **General Subject:** Required to include one general subject
- Controlled by an extensible list, not directly linked to Getty Vocabularies but mapped to AAT
- Purpose is to place the depicted subject in a broad category; count nouns are plural

- **Specific Subject:** Optional but highly recommended
- Add terms to describe subject as specifically as possible
  - However, index only the most important characteristics or topics
- Controlled by AAT, TGN, ULAN, CONA, and the IA
- Purpose is to index subject and allow retrieval using Getty Vocabularies
- May repeat same concept as in General Subject, but more specifically if possible
- Avoid repeating the Work Type if possible

- You may instead use one repeatable Subject field, if your system so dictates; in this presentation, extrapolate useful information for your situation
- You may instead link to Iconclass, LOC Authorities, etc., if these terms are already incorporated in their local data

Getty

General Subject

- Required to include one general subject terms from the extensible list
- Recommended to also include specific subjects as warranted, using AAT, TGN, ULAN, IA, and CONA itself for works depicted in works

Code	Description
30001	undetermined
30002	not applicable
30101	advertising and commercial
30102	allegory
30103	animals
30104	apparel
30105	architecture
30106	landscape architecture
30111	activity
30201	botanical
30205	biographical
30301	cartographic
30302	ceremonial objects
30303	cityscapes
30305	calligraphic
30306	costume
30401	didactic and propaganda
30405	documentary
30411	decorative arts
30498	engineering
30501	events
30600	fine arts
30601	funerary
30605	fantasy

Code	Description
30611	furnishings
30612	furniture
30701	genre
30710	games and sports
30801	history and legend
30802	human figures
30851	humor and comedy
30901	interior architecture
30902	installation
30906	industry
31201	landscapes
31202	literary
31301	machines and equipment
31302	military
31304	marines
31310	monuments and memorials
31320	musical
31401	nonrepresentational art
31402	figurative art
31403	abstract art
31404	conceptual art
31405	numismatic
31406	philatelic
31411	natural objects

Code	Description
31412	natural phenomena
31413	agriculture
31414	labor
31501	utilitarian objects
31502	object components
31511	ornament
31551	documents
31552	law
31553	science
31554	philosophy
31601	performance art
31602	portraits
31605	performing arts
31701	violence
31801	religion and mythology
31901	seascapes
31902	still lifes
31903	sites
31910	satire
31922	structures
31925	symbols
31935	text
31936	textile
31938	travel
31961	various subjects
31965	found objects
31967	time-based works

Getty

Specific Subject is controlled by AAT, ULAN, TGN, CONA, and IA

Power of the synonyms and associative relationships, and biography

- By linking to AAT, you have the power of synonyms, the hierarchy, associative relationships, and other links to power retrieval on Subject
- By linking to ULAN, you have the power of synonyms, biographical information, associative relationships, hierarchy for corporate bodies, and other links that may aid in retrieval

ULAN ID 500312828

Names
- *Pinceloup de la Grange, Magdaleine*
- *Parseval, Magdaleine*

Related Person
spouse of …. Pinceloup de la Grange, Charles-François

AAT ID 300265960

Terms
- Felis domesticus (species)
- domestic cat (species)
- house cat (species)
- Felis catus (species)

CONA ID 70000215 Catalog Level: item
Class: paintings Work Type: painting
Title: Magdaleine Pinceloup de la Grange
Creator Display: Jean-Baptiste Perroneau (French painter, ca. 1715-1783)
*Current Location: J. Paul Getty Museum (Los Angeles, California, USA)   ID: 84.PA.664

General Subject: portraits
Specific Subject:
- Pinceloup de la Grange, Magdaleine (French aristocrat, 18th century)
- Felis domesticus (species)
- single-sitter portrait

oil paint   canvas
Description: The sitter was from the provincial French region of Orléans, but the artist imbued her with Parisian sophistication. The cat she holds is known as a "Chartreux cat," descriptions of which first appeared in 18th-century France. While some at this time valued this breed as a companion animal, it was primarily bred for in fur.
Note Source: J. Paul Getty Museum online. (accessed 10 February 2009)
Related Work: Relationship type [icon:]: pendant of
[link to work]: Charles-François Pinceloup de la Grange, Jean-Baptiste: Perroneau, painting, 1747, 84.PA.664

Specific Subject is controlled by AAT, ULAN, TGN, CONA, and IA
Power of synonyms, hierarchy, relationships, coordinates, historical

- TGN for subjects that are geographic places; in turn linked to GIS and other geo-data
- CONA for subjects that are architecture or other works, includes dates, materials, patrons, etc; here an important portrayal of critical built work as it looked in 1400s

TGN ID 7002473

Names
- İstanbul
- Constantinople
- Konstantinopel
- Κωνσταντινούπολις
- Ḳosṭanṭīnīye
- قسطنطينية

Related Places
located on ….Silk Road

Coordinates
Lat: 41.0110 Long: 28.9578

Hierarchies
[parents = Turkey, Ottoman Empire, Byzantine Empire, etc.]

CONA: ID 700008633
Class.: manuscripts   maps
Work Type: cityscape   map
Titles: Map of Constantinople
Karte von Konstantinopel
Creator: Cristoforo Buondelmonti   Date: 1422
Current Location: Bibliothèque nationale de France (Paris, France)
Dimensions 25.4 x 16.4 cm one of 66 leaves

Liber insularum archipelagi CONA 700008654

General Subject:
cityscapes architecture
Specific Subject:
▪ Constantinople (inhabited place)
▪ Hagia Sophia (built work)

Specific Subject is controlled by AAT, ULAN, TGN, CONA, and IA

- The Getty Iconography Authority contains records for named events, religious/mythological iconography, fictional characters and places, themes from literature
- Linked to the other Getty Vocabularies

General Subject:
- religion and mythology   *[General Subject ID 31801]*

Specific Subjects:
- Baby Jaguar (Maya character)   *[IA 901002211]*
- Chahk (Maya deity) *[IA 901002210]*
- Witz creature (Maya creature) *[IA 901002213]*
- dog (species) *[AAT 300250130]*
- firefly *[AAT 300438629]*
- skeleton (animal component) *[AAT 300191778]*
- ax (weapon) *[AAT 300024664]*
- altar *[AAT 300003725]*
- rain *[AAT 300055377]*
- Life and Death *[IA 901002294]*
- Xibalba (Maya underworld) *[IA 1000045]*

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

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

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Sample Scenarios

Sample Scenario 1

- **Issue:** If two authoritative sources disagree on the date of creation of a work (one prefers ca. 1510, but another of equal authority prefers ca. 1525), what should you do?

- **Resolution:** This dispute may be referenced in a display date: created ca. 1510 or ca. 1525, and explained more fully in the Descriptive Note

- Then the dates for retrieval on creation date should encompass the full range of possible dates, also estimating a range of a few extra years to include the uncertainty of ca.: Earliest: 1505; Latest: 1530

- NB: If the work is in the possession of a repository, the opinion of the repository should take precedence over varying opinions by outside scholars; however, the full scholarly debate should be represented as possible, with methods of doing so varying dependent upon the field

Getty

Sample Scenario 2

- **Issue:** If the available authoritative information indicates a work is made of metal, but the cataloger consulting an illustration feels it looks like silver, what should she do?

- **Resolution:** The cataloger should never rely upon their own judgment with such lack of substantiating evidence

- The cataloger should index the material as the general *metal* rather than risking the introduction of erroneous more specific information

Sample Scenario 3

- **Issue:** If one source calls the work by an anonymous artist *French* and a second source calls it *Flemish*, what should you do?

- **Resolution:** For display, the cataloger should not necessarily state that the work is *French or Flemish* in a note field, because this implies that scholarship agrees it could be either

- Instead, the cataloger should state the cultural origin of the work based on the most reliable, recent sources

- Perhaps with further investigation, the cataloger will discover that although it was in the 19th century considered French, modern scholars agree it is Flemish

- If indeed modern scholars differ on their opinions and are equally divided, then the cataloger may indeed state *French or Flemish*

- In either case, even when the work was <u>formerly</u> known as French, the cataloger should **<u>index both</u>** French and Flemish for retrieval

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How to Find Terms in
the Getty Vocabularies

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How to find terms in the Getty Vocabularies

- Use online search (or Vocabularies as integrated into your system). Search for the term you need.

- Before choosing a term, be certain that the term is defined as you intend. Look at the Scope Note.

- Getty search is set by default to search for keywords. If you get too many results and want to search for an exact match, use quotes [e.g., "paint"]

- If no appropriate term is returned, try broadening the search using a wild card (asterisk) [e.g., silica*].

- Use Boolean operators (OR or AND) to get a smaller set of terms from which to choose [e.g., paint AND oil].

- You may combine Boolean operators logically [e.g., (silica* OR vitre*) AND paint]

- Each online Vocab search also allows searching in other fields, not just on the term field.
  Try looking in another field to get a set of results from which to choose. E.g., in TGN, l;ook for **place type** "archaeological site" and **nation** "Egypt" instead of searching by term/name

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How to find terms in the Getty Vocabularies

- If still no appropriate term is returned, try looking for a similar concept or a presumed parent concept.

  Go to that concept in the hierarchy, and scan the siblings and broader contexts in the hierarchy for an appropriate term.

  E.g., if you need the term for a particular type of paint, look at the children under *paint*.

Top of the AAT hierarchies
.... Materials Facet
.... Materials (hierarchy name)
.... materials (substances)
.... <materials by function>
.... coating (material)
.... <coating by form>
.... paint (coating)
.... <paint by composition or origin>
.... aluminum paint
.... enamel paint
.... encaustic paint
.... metallic paint
.... oil paint (paint)
.... red oxide (paint)
.... silicate paint
.... spray paint
.... synthetic resin paint
.... vitreous paint
.... water-base paint
.... <paint by function>
.... architectural paint
.... artist's color

Getty

How to find terms in the Getty Vocabularies

- See the search tips on each Vocab's site

Search the TGN | ? Help

Find Name or ID: [_____] Search

Place Type: [_____] Clear
Lookup

Nation:
Lookup

Pop-up Search   Browse the TGN hierarchies

Copyright information

Search Tips
For the Find Name field, you may use **AND** and **OR** [e.g., 1) san carlos, 2) carlos OR charles, 3) carl* OR charl*, 4) san AND carlos, 5) carlos AND (san OR saint), 6) (carlos OR charles) AND (san OR saint)] Boolean operators must be in all caps (AND and OR). Wildcard is the asterisk (*); right truncation only. To find an exact match rather than a key word, use quotes [e.g., "carlos"]. There is an implied AND between the Find Name, Place Type, and Nation fields.

AAT
Search Tips
For the Find Term or Note field, you may use **AND** and **OR** (all in upper case) [e.g., 1) windsor chairs, 2) chairs OR rockers, 3) chairs OR rockers OR armchairs, 4) bow-back AND windsor, 5) windsor AND (rockers OR chairs), 6) (windsor OR boston) AND (rockers OR chairs)]. Wildcard is the asterisk (*); right truncation only. To find an exact match rather than a key word in the Find Term field, use quotes [e.g., "chairs"]. If you wish to search the term and note together, click on the buttons for AND or OR.

ULAN
Search Tips
For the Find Name field, you may use **AND** and **OR** [e.g., 1) eldon garnet, 2) garnet OR carnet, 3) garnet OR carnet OR karnette, 4) eldon AND carnet, 5) eldon AND (garnet OR carnet), 6) (eldon OR elton) AND (garnet OR carnet)]. Boolean operators must be in all caps (AND and OR). Wildcard is the asterisk (*); right truncation only. To find an exact match rather than a key word, use quotes [e.g., "carlos"]. There is an implied AND between the Find Name, Role, and Nationality fields.

CONA
Search Tips
Use any of the 10 fields in this form to search for CONA records. Multiple terms may be entered in most fields in the form. Assume Boolean "or" between values within one field and Boolean "and" between fields. You may type search terms directly into the form. Alternatively, use the "Lookup" option to find terms in AAT, TGN ULAN, or IA. Choose terms and click "Return to CONA. In a Lookup search window, use Boolean uppercase OR or AND.

IA
Search Tips
Currently in IA, searches may be made only on title. (We plan to allow searching on additional fields via this form in the future.) Keyword searching is the default. If you wish to search for an exact match, use quotation marks [e.g., "Buddha"]. Use Boolean uppercase OR or AND [e.g., Life AND Saint]. The wildcard is asterisk (*) [e.g., Africa*].

Getty

Indexing Exercises

1. Find terms in AAT to index display materials and techniques

Display Materials & Techniques

oil on panel

Index:

AAT term	AAT ID

Getty

Display Materials & Technic

oil on panel

Index:

oil (organic material)
(organic material, <materials by composition>, ... Materials (hierarchy nar

oiling
(<processes and techniques by specific type>, Processes and Techniques
[300374933]
oil (process)

oil paint (paint)
(<paint by composition or origin>, paint (coating), ... Materials (hierarchy
oil (paint)

AAT term	A
oil paint	300015050
panel (wood by form)	300014657

curtain walls (fortification elements)
(defensive walls, <defensive walls and defensiv
name)) [300002504]
panel ()

panel (wood by form)
(<wood by form or function>, wood (plant mater

panel (photograph size)
(card photographs sizes, <size for photograph f
name)) [300246102]

panels (meetings)
(meetings, events (activities), Events (hierarchy
panel (meeting)

panels (surface components)
(surface element components, <surface element
(hierarchy name)) [300069079]
panel (surface component)

panels (costume components)

Title: A mandarin paying a visit of ceremony
Creator Display: Fox, Angus, after drawing by
Thomas Allom; published by Fisher, Son and Company
Current Location: Getty Research Institute, Special
Collections (Los Angeles, CA)

2. Find terms in AAT to index display materials and techniques

Display Materials & Techniques
steel engraving, hand colored

Index:

AAT term	AAT ID

Getty

CONA ID: 700001088]

Which homograph to use? Best to use process, not "visual work" which would be **work type**, not **materials and technique**

steel engraving (printing process)
(engraving (printing process), intaglio printing processe
name)) [300190536]
engraving, steel (printing process)
steel-engraving (printing process)

steel engravings (visual works)
(engravings (prints), intaglio prints, ... Visual and Verba
[300041363]
engravings, steel (visual works)
steel engraving (visual work)

Display Materials & Techniques

steel engraving, hand colored

Index:

AAT term	AAT ID
steel engraving	300190536
hand coloring	300133555

So you have the techniques (processes), what about medium and support, which are not mentioned here? Add *ink* and *paper*? Recommended, **but only if** you are certain, based on other documentation. To find all works on paper, *paper* must be indexed.

3. Find terms in AAT to index display materials and techniques

Display Materials & Techniques

steel frame clad in Indiana limestone and granite,
with the mullions lined in shiny aluminum; spandrels are
sandblasted so that tone matches windows,
visually creating vertical striping

Index:

AAT term	AAT ID

Getty

The indexing terms may be more or fewer than noted in the display statement.
How exhaustive should you be? What is necessary for retrieval for your project? How much time do you have to complete the project?

Display Materials & Techniques

steel frame clad in Indiana limestone and granite,
with the mullions lined in shiny aluminum; spandrels are
sandblasted so that tone matches windows,
visually creating vertical striping

Index:

AAT term	AAT ID
steel frame construction	300015341
Indiana limestone	300011321
granite (rock)	300011183

Getty

Title/Name: Hall of the Sea of
Wisdom, the (temple (building)
Location: Beijing (China)

Creator Display

unknown Chinese architect,
under Emperor Qianlong (1711-1799)

Index:

| ULAN	ULAN ID	Role: AAT term	AAT ID

Getty

CONA ID 700002927

Even if the creator is unknown, it should be indexed rather than being left blank. Creator indexing is a core field and should always have a value

Creator Display

unknown Chinese architect,
under Emperor Qianlong (1711-1799)

Index:

ULAN	ULAN ID	Role: AAT term	AAT ID
unknown Chinese	500125222	architect	300024987
Qianlong, Emperor of China	500372572	patron	300115251

Getty
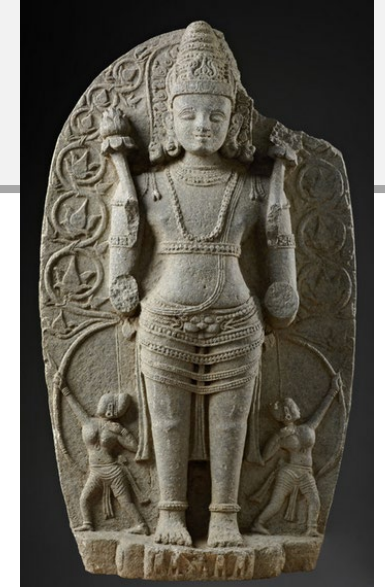
5. Find repository in ULAN and geographic location in TGN to index Locations

Location information

Los Angeles County Museum of Art; Purchased with funds provided by Mr. and Mrs. Edgar G. Richards (M.86.94.1); created in India, Karnataka or Andhra Pradesh

Index current location:

ULAN	ULAN ID	Repository Number

Index creation location:

TGN	TGN ID

For works in repositories, include the repository ID for retrieval, if possible
For uncertain creation location, include both possibilities for indexing

Location information

Los Angeles County Museum of Art; Purchased with funds
provided by Mr. and Mrs. Edgar G. Richards (M.86.94.1);
created in India, Karnataka or Andhra Pradesh

Index current location:

ULAN	ULAN ID	Repository Number
Los Angeles County Museum of Art	500217563	M.86.94.1

Index creation location:

TGN	TGN ID
Karnataka (state) (India)	1001882
Andhra Pradesh (state) (India)	1001828

Getty

6. Index Subject using all Vocabularies as necessary

Descriptive note

Crite thought of himself as an artist-reporter whose assignment was to capture the daily lives of ordinary people. His skill as an acute observer of American life is apparent in School's Out, which shows dozens of children leaving the annex of Everett elementary school in Boston's South End at a time when boys and girls were taught separately. Although Crite acknowledged that School's Out may reflect a romanticized view, it also presents a universal statement about community, stability, and the bonds of family life. (AAM)

Getty

CONA ID 700008564

General Subject	ID

AAT	AAT ID

ULAN	ULAN ID

TGN	TGN ID

Getty

General Subject	ID
genre	30701

AAT	AAT ID
school	300266108
children	300025945
community (social issue)	300435377
family life	300435378

ULAN	ULAN ID
Everett Elementary School (Boston)	500487303

TGN	TGN ID
Boston (Massachusetts)	7013445

Getty

7. Index Subject using all Vocabularies as necessary

Descriptive note

This cylindrical drinking cup is the magnum opus of the Maya vase painter known as the Metropolitan Master. The overarching theme of this vessel is the necessary interaction of life-giving rains and rotting death, the contrasts needed to produce life. The young rain god, named Chahk. In his right hand, he grasps the wooden handle of a shining stone axe, and his left hand holds an animate stone. The rain god actively engages with a giant agnathus creature, likely the representation of a witz, the spirit of a mountain, as his leg crosses in front of the upper lip while his left arm passes behind. The mountain monster has a feathered eyelid present on crocodilians in Maya art. Most significant about the zoomorphic mountain is the character reclining on top of it: the supernatural baby jaguar. The face of the jaguar baby character is clearly supernatural and contrasts sharply with Chahk's more human-like visage. Almost touching the baby jaguar is a frightening creature of the night, with a skeletal head marked with bone sutures and two extruded eyeballs. This is likely a death god, a denizen of the Maya underworld Xibalba, who plays a role in this myth of the birth of the baby jaguar. (Met)

7. Index Subject using all Vocabularies as necessary

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CONA ID 70000012

General Subject	ID

AAT	AAT ID

IA	IA ID

General Subject	ID
religion and mythology	31801

AAT	AAT ID
death gods	300435379
underworld	300343823
rain	300055377
death	300151836
skeleton	300191778

IA	IA ID
Chahk (Maya deity)	901002210
baby jaguar (Maya character)	901002211
Xibalba (Maya legendary place)	901000045

Getty

Thank you.

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Managing Editor
Getty Vocabulary Program

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