

Equity and Inclusion and the Getty Vocabularies

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Getty Vocabulary Program

NKOS Workshop
6 October 2022

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- Overview of Selected Issues
- Getty Vocabularies: the Future

<https://nkos.dublincore.org/2022NKOSworkshop/NKOS-2022-Program.html>

Video of similar presentation


YouTube: https://www.youtube.com/watch?v=7KmDO_mrDOA

Goals and Mission

Overview

Multilingual
Multicultural
Diversity
Inclusive
Equity
Unbiased
Antiracist
Accessible

- 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 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
 - But remaining bound by clearly defined scope and target audience
- This presentation lays out a selection of the issues surrounding the accomplishment of these goals
- We do not yet have all the answers – successful resolutions in a rapidly changing world will be ongoing, occurring over months and years, and in concert with the expert contributor and user communities of Getty Vocabularies

A photograph of a modern building interior, likely a museum or gallery. The image shows a curved glass wall that reflects the surrounding environment. A metal railing runs along the edge of a walkway or balcony. The lighting is bright and even, highlighting the architectural details.

Getty Vocabularies: History and Content

Getty

Find Getty Vocab Online

For information about Getty Vocabularies, see this site; search “vocabularies”

Search the data, access data releases, how to contribute, editorial guidelines, training materials, news

Contact us:
vocab@getty.edu




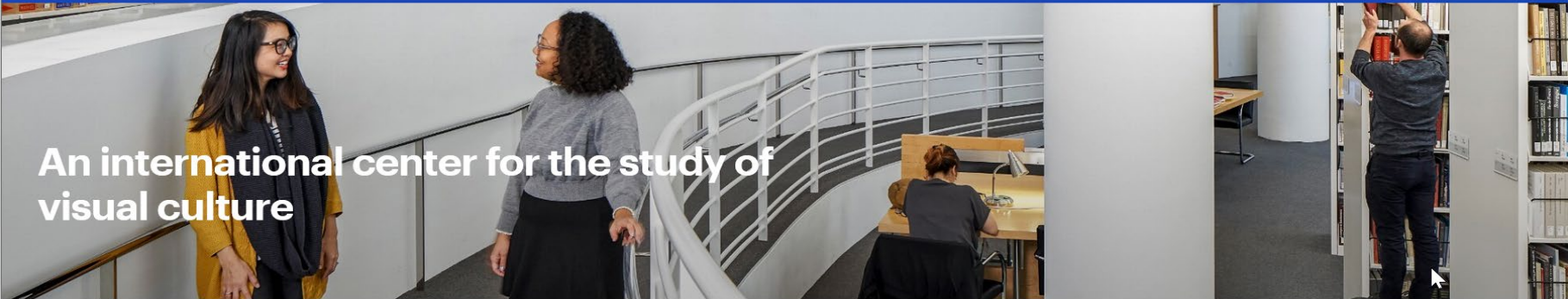
<http://www.getty.edu/research/tools/vocabularies/index.html>

<https://www.getty.edu/>

Museum [Research Institute](#) Conservation Institute Foundation

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Events



Talk
**The Polykleitos Problem:
Illusions of the Ideal in European
Anatomical Images**



Talk
**Blackness Is in the Making:
Materials of the 18th-Century
Artist** ↗



Talk
Rainbow Power ↗

Getty Vocabularies: Equity and Inclusion, October 2022

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For information about Getty Vocabularies, see this site; search “vocabularies”

Search the data, access data releases, how to contribute, editorial guidelines, training materials, news

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



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- ▶ Getty Research Portal
- Collection Inventories & Finding Aids
- ▶ Photo Archive
- ▶ Research Guides & Bibliographies
- Digital Collections
- ▶ Article & Research Databases
- ▶ Collecting & Provenance Research
- BHA & RILA
- ▼ **Getty Vocabularies**
 - ▶ Art & Architecture Thesaurus (AAT) ®
 - ▶ Cultural Objects Name Authority (CONA) ®
 - ▶ Getty Thesaurus of Geographic Names (TGN) ®
 - ▶ Union List of Artist Names (ULAN) ®
 - ▶ Contribute
 - Editorial Guidelines
 - Getty Vocabularies as Linked Open Data
 - Frequently Asked Questions
 - ▶ Obtain the Getty Vocabularies
 - Training Materials

Getty Vocabularies

NEW


The Getty vocabularies are now available as Linked Open Data. [Learn more.](#)

What is cinnabar? What is a rhyton? The Getty vocabularies contain structured terminology for art, architecture, decorative arts, archival materials, visual surrogates, conservation, and bibliographic materials. Compliant with international standards, they provide authoritative information for catalogers, researchers, and data providers. The vocabularies grow through contributions. In the new linked, open environments, they provide a powerful conduit for research and discovery for digital art history. To search the vocabularies, click on the links below.




The Art & Architecture Thesaurus (AAT)®

Catherine wheel or rose window? AAT is a structured vocabulary, including terms, descriptions, and other metadata for generic concepts related to art, architecture, conservation, archaeology, and other cultural heritage. Included are work types, styles, materials, techniques, and others.




The Cultural Objects Name Authority (CONA)®

Mona Lisa or La Gioconda? CONA compiles titles, attributions, depicted subjects, and other metadata about works of art, architecture, and other cultural




The Getty Thesaurus of Geographic Names (TGN)®

Thebes or Diospolis? TGN is a structured vocabulary, including names, descriptions, and other metadata for extant and historical cities, empires, archaeological sites, and physical features important to research of art and architecture. TGN may be linked to GIS, maps, and other geographic resources.



The Union List of Artist Names (ULAN)®

Titian or Tiziano Vecellio? ULAN is a structured vocabulary, including names, biographies, related people, and other





Linked Open data
GETTY VOCABULARIES

See What's New

- Multilingual & multi-cultural AAT: Conservation terms; Dutch: 60,600; Spanish: 55,000; Chinese: 26,000; German: 20,500

Have a Question?

-  Contact the Vocabulary Program
-  Subscribe to GRI News

Find Getty Vocab Online

Search online
Relational Tables
Web Services APIs
XML
LOD (GVP and Linked.Art)
SPARQL end point
OpenRefine Reconciliation

Open Data Commons
Attribution License
(ODC-By) 1.0

Contact us:
vocab@getty.edu

Getty

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

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▶ Getty Research Portal
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▶ Photo Archive
▶ Research Guides & Bibliography
■ Digital
▶ Article
▶ Collection
■ BHA & Research
▼ Getty
▶ Art
▶ The
▶ Cult
▶ Aut
▶ Get
▶ Geo
▶ Uni
(UL
▶ Con
■ Edit
■ Get
Link
■ Fre
▶ Ob
Voc
■ Trai

Getty Vocabularies

NEW

The Getty vocabularies are now available as Linked Open Data. [Learn more.](#)

Click the heading

Art & Architecture Thesaurus® Online

Search the AAT

Find Term or ID:

☐ AND ☐ OR

Note:

[Pop-up Search](#) [Browse the AAT hierarchies](#)

[Help](#) [Search](#) [Clear](#)

[Copyright information](#)

Search Tips

For the Find Term or Note field, you may use **AND** and **OR** (all in up

metadata about works of art, architecture, and other cultural

including names, biographies, related people, and other

Linked Open data
GETTY VOCABULARIES

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✍ Subscribe to GRI News

Find Getty Vocabs Online

Purpose and Releases

- ✓ For some users, to promote consistency in assignment of terms or to provide options for terms for a concept
 - ✓ For other users, in retrieval and discovery, to utilize variant terms, broader/narrower contexts, rich contextual data
 - ✓ For others, look-up resources of information
- Data files: LOD (GVP & Linked.Art, XML, Rel Tables, APIs); developers, incorporated in other tools; MARC for VIAF; simplified releases → full, rich data sets
 - Online Search: Consistently the top site visited at GRI, catalogers copy-and-paste, research tool; full data presented in a logical display for end users

Getty was trailblazer in committing resources to standards and vocabularies for art information in 1980s

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

Getty engaged disparate communities

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

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

*1970s, Williamstown, MA

Getty

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

History

Art History Information Program (AHIP)



History

International Terminology Working Group (ITWG)

Over the years, Vocab
have changed with the
requirements of our
core community; need
to remain relevant

Getty partners with
international visual
arts information
community

Multilingual,
multicultural, inclusive

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

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




2020

History

25-year comparison 1997-2022

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


Click the  icon to view the hierarchy.

[Semantic View](#) ([JSON](#), [RDF](#), [N3/Turtle](#), [N-Triples](#))

[Represent](#)

ID: 300184767

Page Link: <http://vocab.getty.edu/page/aat/300184767>

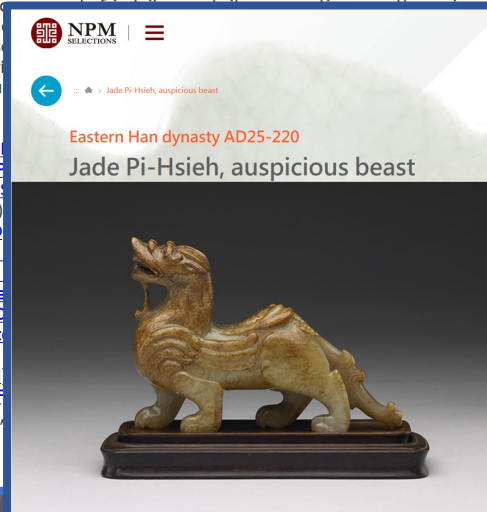
 **jades (objects)** (<sculpture by material>, sculpture (visual works), ... Visual and Verbal Comm (hierarchy name))

Note: Collectively, the class of sculptures, containers, and other objects and artifacts carved in jade several varieties of fine-grained rock of 3000–2000 BCE) onward. The Chinese metaphorically equated jade with purity. A specific object name may be used, such as

Terms:

jades (objects) ([preferred](#), [C,U](#),
(objetos) ([Spanish](#), [P,D,U,B](#))
jade (object) ([C,U](#), [English](#), [AD,U](#),
(objeto) ([Spanish](#), [AD,U](#), [SN](#))
玉器 ([C,U](#), [Chinese \(traditional\)](#), [P,D](#))
yù qì ([C,U](#), [Chinese \(transliterated\)](#))
yu qi ([C,U](#), [Chinese \(transliterated\)](#))
yü ch'i ([C,U](#), [Chinese \(transliterated\)](#))
jaden beeldhouwwerken ([C,U](#), [D](#))
jaden beeldhouwwerk ([C,U](#), [Dut](#))
Jadekünste ([C,U](#), [German](#), [D](#), [PN](#))
Jadekunst ([C,U](#), [German](#), [P](#), [AD](#), [SN](#))
Jadeschnitzerei ([C,U](#), [German](#), [UF](#))
Jadeschnitzereien ([C,U](#), [German](#),

Facet/Hierarchy Code: [V.VC](#)



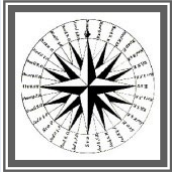
[JSON](#)

```
{
  "head" : {
    "vars" : [ "Subject", "Predicate", "Object" ]
  },
  "results" : {
    "bindings" : [ {
      "Subject" : {
        "type" : "uri",
        "value" : "http://vocab.getty.edu/aat/300184767"
      },
      "Predicate" : {
        "type" : "uri",
        "value" : "http://www.w3.org/1999/02/22-rdf-syntax-ns#type"
      },
      "Object" : {
        "type" : "uri",
        "value" : "http://vocab.getty.edu/ontology#Subject"
      }
    }
  ]
}
```


Key Characteristics

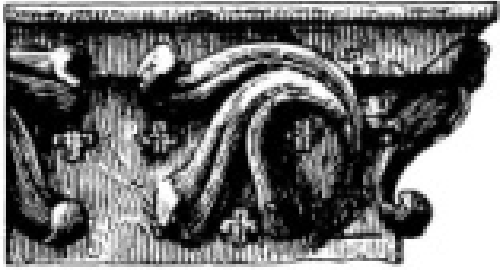
- **Standards-compliant**: Comply with standards for controlled vocabularies (ISO, NISO)
- **Authoritative**: Cite authoritative sources and contributors; but not authoritarian (may use variant terms)
- **Structured, linked vocabularies**: AAT, TGN, ULAN, CONA, IA
- **Relationships**: Thesauri, 3 relationships: equivalence (synonyms), hierarchical (broader-narrower), associative (btwn records, not hierarchical); all have same core data model
- **Scope**: Carefully defined (see online); within domain of visual arts, terms for cataloging and discovery of art; Getty Vocabularies strive to be ever more multilingual, multicultural, and inclusive
- **Target Audience**: Traditional audience (art and architecture domains: visual resources, catalogers, museums), plus scholars, and related disciplines (archaeology, conservation)
- **How unique**: In their global coverage of defined domain of visual arts, in citing published sources and contributors, in allowing interconnections among historical and current information, in accommodating the sometimes debated and ambiguous nature of art historical information, and in allowing complex relationships within and between Vocabularies
- **Rich knowledge bases**: They are not simple 'value vocabularies' or authorities; they are rich 'knowledge bases' in themselves, intended for research and discovery
- **Collaborative**: Grow through contributions from expert user community: institutions, consortia, scholarly projects, and individual scholars
- **Compiled and released**: Online search, Relational Tables, Web Services APIs, XML, LOD; Open Data Commons Attribution License (ODC-By) 1.0

What Are Getty Vocabularies



- **AAT**, *Art & Architecture Thesaurus*® includes generic terms in several languages, relationships, sources, and scope notes for agents, work types, roles, materials, styles, cultures, and techniques (e.g., *amphora*, *oil paint*, *olieverf*, *peintures à l'huile*, *acetolysis*, 玉器, *Jadekünste*, *sintering*, *orthographic drawings*, *Olmeca*, *Rinascimento*, *Buddhism*, *watercolors*, *asa-no-ha-toji*)
- **TGN**, *Getty Thesaurus of Geographic Names*® includes names, relationships, and coordinates, with special focus on historical information for current cities, historical nations, empires, archaeological sites, lost settlements, and physical features as necessary for cataloging art; not GIS but may include coreferences to GIS and maps (e.g., *Diospolis*, *Acalán*, *Ottoman Empire*, *Mogao*, *Ch'ien-fu-tung*, *Ganges River*, गंगा नदी)
- **ULAN**, *Union List of Artist Names*® includes names, relationships, notes, sources, and biographical information for artists, architects, firms, studios, repositories, patrons, and other individuals and corporate bodies, both named and anonymous; may include coreferences to other resources for same entity (e.g., *Mark Rothko*, *Cai Xiang*, 蔡襄, *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 Getty Vocabularies



- **AAT, Art & Architecture Thesaurus®** includes generic terms in several languages, relationships, sources, and scope notes for work types, roles, materials, styles, cultures, and techniques (477,898 terms) (e.g., *amphora*, *literati (painters)*, *oil paint*, *olieverf*, *peintures à l'huile*, *acetolysis*, 玉器, *Jadekünste*, *sintering*, *orthographic drawings*, *Olmeca*, *Rinascimento*, *Buddhism*, *emakimono*, *watercolors*, *asa-no-ha-toji*)

coreferen
(e.g., *Dios*

- **ULAN, Union List of Artist Names** provides information on artist bodies, biographies, and works (e.g., *Mark Rothko*)
- **IA, Getty Iconclass** provides information on 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*, 湿婆, *Shiva*, *Bouddha couché*)

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Unique features of Vocab may aid in facilitating inclusivity & multicultural content

What Are Getty Vocabularies

- **AAT, Art & Architecture Thesaurus®**

AAT ID: 300190536

Terms:

steel engravings (pref, en-P,PN)
[1000041363]

Qualifier: visual works

Date: from 1792

Start: 1792 **End:** 9999

steel engraving (en, SN)
[1000299348]

Qualifier: visual work
engravings on steel (en) (H)
[1000895990]

gravures sur acier (fr-P, PFN)
[1000304335]
鋼版刻印 (zh-P) [1000551901]

gāng bǎn kè yìn (zh-P)
[1000551903]

staalgravures (nl-P) [1000482814]
grabados al acero (es-P)
[1000429838]

Stahlstiche (de-P) [1000655952]

Sample record

Associative Relationships

produced by ... steel engraving (printing process) [300190536]
distinguished from ... siderographs [300389774]

Hierarchical Relationships (poly)

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



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

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

German Druck, der im Verfahren des Stahlstichs hergestellt wurde.

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

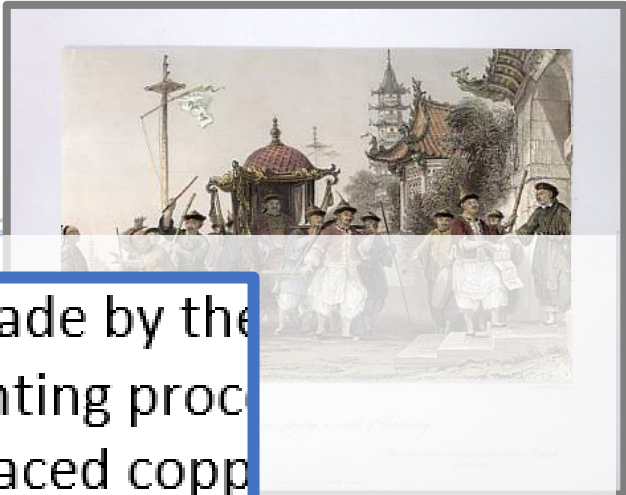
Contributors: VP,CHIN,AS,RKD,lFM-SMB-PK,CDPB-DIBAM

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

- UNIQUE IDS
- LANGUAGES
- PREFERENCES
- DATES, HIST/CUR
- RELS/LINKS--POLY
- CREDIT/WARRANT
- CONCORDANCES

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[1000304335]

鋼版刻印 (zh-P) [1000551901]

gāng bǎn kè yìn (zh-P)

Note: Prints made by the engraving (printing process) on steel or steel-faced copper replaced the use of less durable copper plates in the early 19th century...

Chinese (traditional) 以鋼版

Dutch Gravures waarbij de afbeelding op een plaat van staal is gegraveerd.

German Druck, der in Stahl hergestellt wurde.

Spanish Estampas realizadas en el proceso de grabado en acero.

process of "steel engraving," in which plates of steel are used, having replaced the use of less durable copper plates in the early 19th century...

雕刻程序製成的版畫 (afbeelding is gesneden)

Verfahren des Stahlstichs

adadas mediante el grabado en acero.

N,AS,RKD,IfM-

ts (1996);

der Graphik (1988);

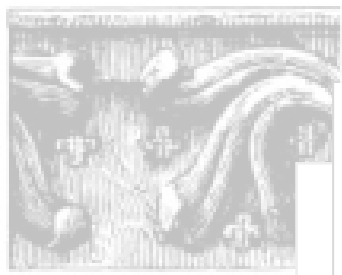
010117; Lucie-

on Dictionary of Art

, Innovative

- UNIQUE IDS
- LANGUAGES, POS
- PREFERENCES
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Getty
Dentellie

Associative Relationships

produced by ... steel engraving (printing process) [300190536]
distinguished from ... siderographs [300389774]

Hierarchical Relationships (poly)

Objects Facet

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



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

German Druck, der im Verfahren des Stahlstichs hergestellt wurde.

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

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

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

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AAT ID: 300190536

Sample record

Terms:

steel engravings (pref, en-P)

Associative Relationships

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- UNIQUE IDS
- LANGUAGES, POS
- PREFERENCES
- DATES, HIST/CUR
- RELS/LINKS--POLY
- CREDIT/WARRANT
- CONCORDANCES



Top of the AAT hierarchies

View of the AAT hierarchy

.... Objects Facet

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

..... Visual Works (hierarchy name)

..... visual works (works)

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

..... prints (visual works)

..... <prints by process or technique>

..... <prints by process: transfer methods>

..... intaglio prints

..... engravings (prints)

..... copper engravings (visual works)

..... drypoints (prints)

..... line engravings (prints)

..... lithographic engravings (prints) [N]

..... mezzotints (prints)

..... carborundum mezzotints (prints)

..... sand-grain mezzotints (prints)

..... niello prints

..... punched engravings

..... siderographs

..... steel engravings (visual works)

..... stipple engravings (prints)

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

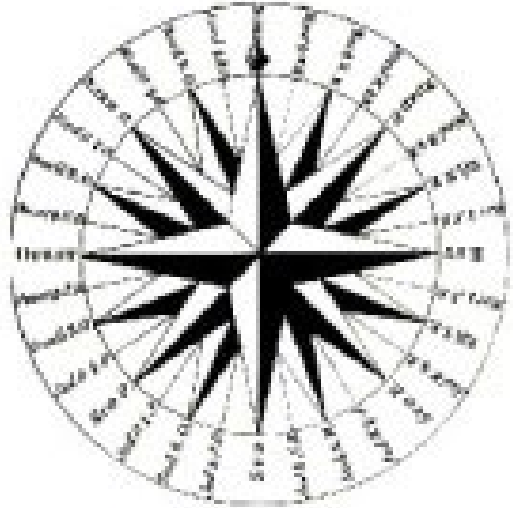
Work type:
steel engraving



What Are Getty Vocabularies



- **AAT**, *Art & Architecture Thesaurus*® includes generic terms in several languages, relationships, sources, and scope



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

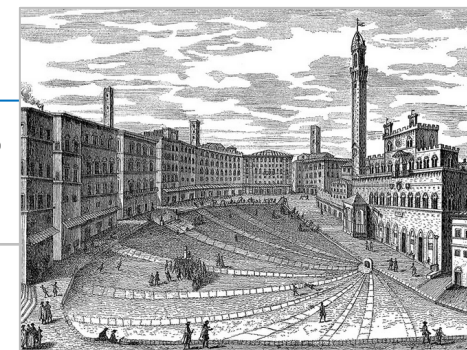
Mark Ro

- **IA**, *Getty Index of Art and Architecture* includes religious and Western world
- **CONA**, *Getty Center of North America*

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,*)

● TGN, Getty Thesaurus of Geographic Names®

Sample record



TGN ID: 7011179

Names:

Siena (pref,it,en) [47413]

Sienna [140808]

Sienne (fr) [1002860953]

Σιένα (el) [1002038443]

锡耶纳 (zh) [1002038446]

Сиена (ru) [1002038445]

シエーナ (ja) [1002038441]

Sienese (adj) (en) [1159549]

Senae (hist.) [181416]

Date: Medieval

Start: 800 **End:** 1500

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

Sena (hist.) [181414] **Date:** Etruscan

Hierarchical Relationships (poly.)

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 Relationships

ally of Pisa ..(inhabited place) [7006082]

Ghibelline allies, 13th-14th centuries

Contributors:

VP,BHA, Avery,GRI

Sources: Annuario Generale (1980); NGA/NIMA database (2003-) **-129709**; Library of Congress Authorities **n 79013822**; UNESCO World Heritage Centre [online] (1992-); VIAF: Virtual International Authority File [online] (2009-) VIAF ID: **239842096 (Geographic)**

Place Types

inhabited place

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

city

archiepiscopal see

commune (administrative)

Date: since 1125

cultural center

university center

world heritage site

Lat: 43 19 07 N (43.3180)

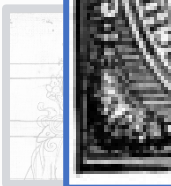
Long: 011 19 50 E (11.3300)

Elevation: 1056.430 feet (322.0000 meters)

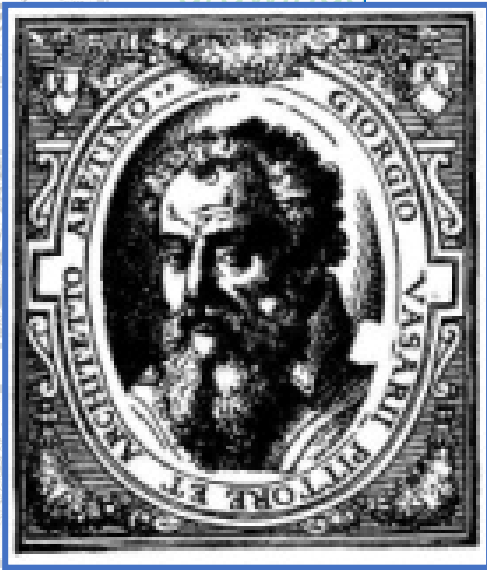
Note: Siena was founded as an Etruscan hill town; later was the Roman city of Sena Julia (3rd century BCE). It flourished under the Lombard kings (6th century CE) and was Medieval self-governing commune ...

AAT

What Are Getty Vocabularies



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



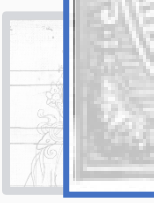
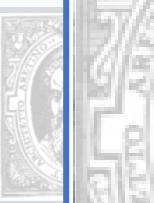
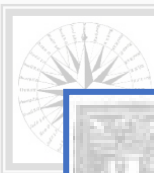
- **ULAN**, *Union List of Artist Names*® includes names, relationships, notes, sources, and biographical information for artists, architects, firms, studios, repositories, patrons, other individuals and corporate bodies, both named and anonymous; may include coreferences to other resources (1,470,142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

religious d
Western v
Deucalion

- **CONA**, *Consolidated Name Authority* 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*,)

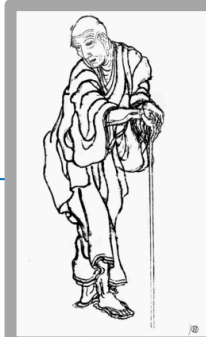


• AAT, Art
and scop



Gett

- **ULAN, Union List of Artist Names®** **Sample record**



ULAN ID: 500060426

Names:

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

Hokusai (en,ja-trans) [1500235408]

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

Start: 1798 **End:** 9999

葛飾 北斎 (ja) [1500705416]

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

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

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

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

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

Birth date: 1760

Death date: 1849

Nationalities:

Japanese (pref)

Roles:

AAT

artist

printmaker

painter

designer

calligrapher

draftsman

landscapist

marine artist

figure artist

ukiyo-e artist

Gender: male

Birth and Death Places:

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

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

TGN

Events:

active: Tokyo (Kanto, Japan)) (inhab place)

..... in Edo, modern-day Tokyo

Associative Relationships:

teacher of Taito, Katsushika, Il

.....(Japanese printmaker, active ca. 1820-1850)

child of Nakajima Ise

.....(Japanese mirror maker, 18th century)

possibly identified with ... Tōshūsai Sharaku

..... (Japanese printmaker, active 1794-1795)

Contributors:

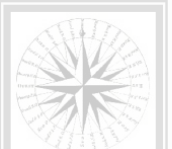
VP, Avery,GRL,BHA,CCA

Sources: Bowie, Drawings of Hokusai (1964); Grove Dictionary of Art online (1999-2002); Library of Congress Authorities n 80043599 ; Metropolitan Museum of Art [online] (2003-); Bouquillard, Hokusai: First Manga Master (2007)

What Are Getty Vocabularies



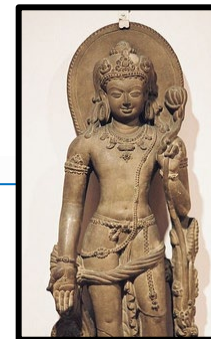
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- **IA**, *Getty Iconography Authority*™ includes proper names, thesaural relationships, and dates for iconographical narratives, religious or fictional characters, historical events, names of literary works and performing art; special focus on non-Western with coreferences to other resources (7,200 terms) (e.g., *Yemonja (Yoruba deity)*, *Flood of Deucalion*, *Viaggio dei Re Magi*, *French Revolution*, *Olouaipipilele*, *Xibalba (Maya underworld)*, *Niflheim*, शिव, *Shiva*, *Bouddha couché*, *Mithras*)



- **CONA**, *Getty Vocabulary Network* includes thesaural relationships, dates, and scope notes for agents, work types, roles, materials, styles, cultures, and techniques (e.g., *Deucalion*, *Olouaipipilele*, *Xibalba (Maya underworld)*, *Niflheim*, *शिव*, *Shiva*, *Bouddha couché*, *Mithras*)



- **IA, Getty Iconography Authority™**
Sample record

IA ID 901000085

Names

Avalokiteśvara (en) [5000191]

Avalokitesvara [5001067]

Avalokitesvara [5003150]

अवलोकितेश्वर (sa) [5001068]

ཡུལ་རས་གཟིགས་ (bo) [5002308]

Spyan ras gzigs [5002309]

Hierarchical Relationships

Top of the IA hierarchies

Legend, Religion, Mythology

Buddhist iconography

Buddhist characters

Avalokiteshvara (Buddhist iconography)

AAT links

role/characteristic is ... bodhisattva

symbolic attribute is ... lotus

culture/religion is ... Mahayana (Buddhism)

culture/religion is ... Theravada (Buddhism)

Associative Relationships

associated with Krishna (Hindu iconography)

counterpart is Guanyin (Buddhist iconography)

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

Contributors VP, BHA

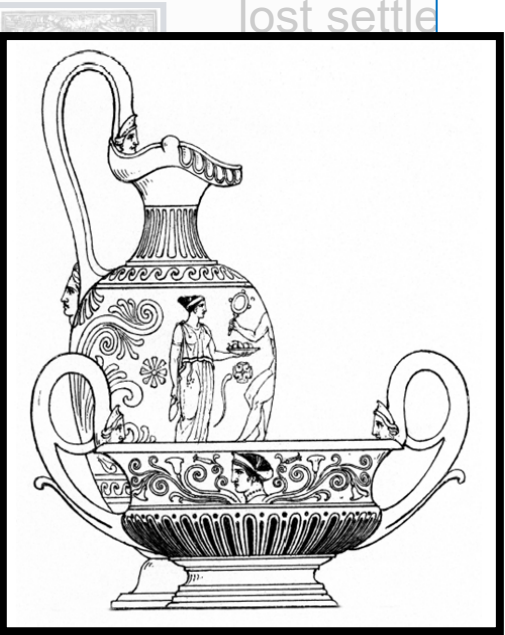
Sources Bowker, Oxford Dictionary of World Religions (1997); Huntington, Art of Ancient India (1985); Encyclopedia Britannica Online (2002-);

LC: LC control no.: **sh 85010492**

AAT
TGN
ULAN
CONA



What Are Getty Vocabularies



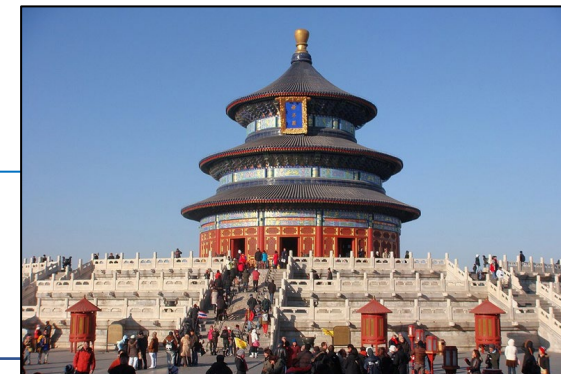
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- **TGN**, *Getty Thesaurus of Geographic Names*® includes names, relationships, and coordinates, with special focus on historical information for current cities, historical nations, empires, archaeological sites, lost settle

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

includes tit
contribution

70,000 works from DVMK) (e.g., *Chayasmesvara Temple*, *Hagia Sofia*, *Αγία Σοφία*, *The Lacemaker*, *La Dentellière*, *Merlettaia*, *Lion Throne Room*, 神奈川沖浪, *Great Wave*, *Die große Welle*,)

• **CONA, Cultural Objects Name Authority®** Sample record



CONA ID: 700002923

Titles/Names:

Temple of Heaven (en) [1000016889]
 Tian Tan (zh-tr) [1000016890]
 T'ien-t'an (zh-trl) [1000019041]
 Tiantan [1000016892]
 Temple du Ciel (fr) [1000019264]
 Templo del Cielo (es) [1000019265]
 Himmelstempel (de) [1000019266]
 天壇 (zh) [1000016894]
 天坛 (zh) [1000016893]
 천단 (ko) [1000019043]

Catalog Level: item

Work Types:

building complex
 temple

AAT

Classification:

architecture

Creator Display:

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

ULAN

[ULAN 500356295]

Role: patron/38121

[ULAN 500372663]

Role: patron/38121

[ULAN 500372572]

Role: patron/38121

Locations:

Location current Beijing (Beijing Shi (municipality), China) (nation) **Address Note:** 39°57'05"N 116°24'36"E

TGN

Dimensions [display] entire complex: 237 hecatres

Mat & Tech [display] wood and stone

wood **AAT** 300011914 | stone **AAT** 300011176]

AAT

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

General Subject:

architecture **Type:** isness

religion and mythology **Extent:** purpose

Specific Subjects:

Heaven [AAT 300185658] **Extent:** dedication

Chinese heaven [IA 901002236]

Contributors:

JPGM VP GRISC BHA BWR

Sources: Built Works Registry **BWR3792244**; Library of Congress Authorities online (2002-) **n2011019454**; Fodor's Travel (2016); J. Paul Getty Museum, collections online (2000-); Great Buildings Online (1997-) ; UNESCO World Heritage Centre [online] (1992-) **Ref: 881**

AAT
TGN
ULAN
CONA
CONA IA



Getty Vocabularies: Context for Consideration of Issues re. Diversity, Multicultural Views, etc.

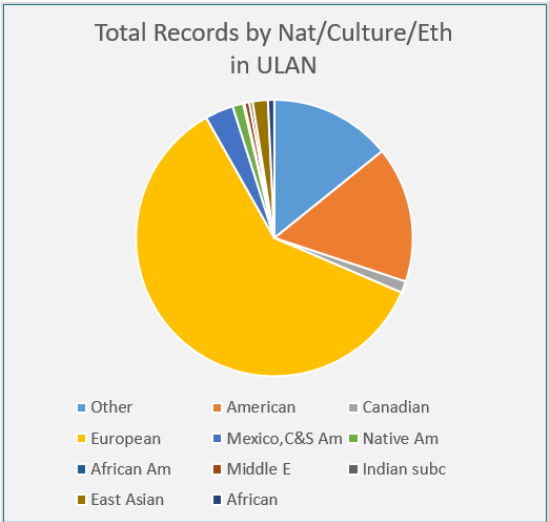
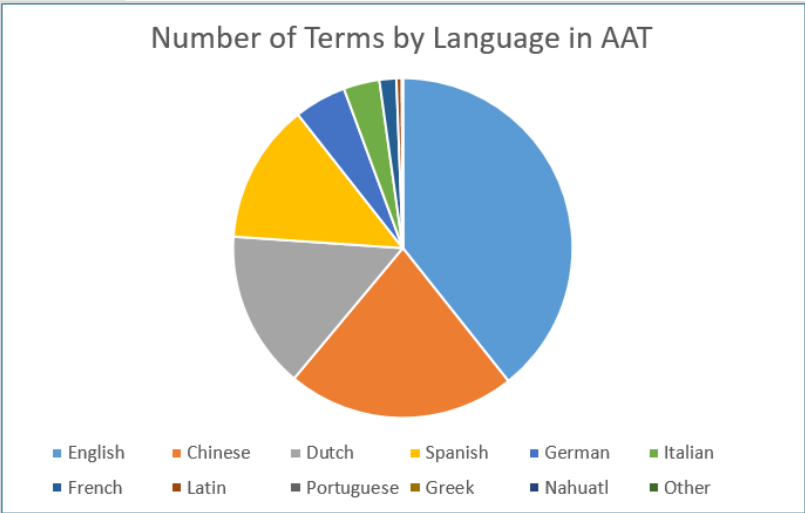
Getty

Goals and Mission

- How to make the Vocabularies more

Multilingual
Multicultural
Diversity
Inclusive
Equity
Unbiased
Antiracist
Accessible

Where We Are Now, Where We Are Going



- How to measure multiculturality?
- Historical content of Vocab was often Western-centric
- What is the target? Comparison to similar resources and status of scholarly literature; plus broader aspirational goals

- **How to make the Vocabularies more**

Getty

- How to measure multiculturalism?
- Historical content of Vocab was often Western-centric
- What is the target?
Comparison to similar resources and status of scholarly literature; plus broader aspirational goals

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



Goals and Mission

How Do We Get There?

Multilingual
Multicultural
Diversity
Inclusive
Equity
Unbiased
Antiracist
Accessible

- How do we accomplish more multilingual, multicultural, and inclusive terminology combined with rich, linked content?
- How do we facilitate the use of unbiased terminology?
- How do we facilitate antiracist and correct postcolonization content?
- How do we facilitate content for diverse audiences?
- How do we facilitate inclusive and neutral content?
- Do we play it safe and avoid controversial topics, or are we leaders?
- How do we avoid conflict between personal privacy & scholarly info?
- How do we provide accessible content for inclusive audiences in all realms: scholarly, the generally interested, and technical developers?
 - How do we balance responsibility to current users while still remaining relevant re. technical advancement?
- Many more questions ...
- First let's start with an overview of the context in which Getty Vocabularies exist →

Consult the
work of other
groups

How Do We Get There?

(see full presentation for URLs)

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

Work at the Getty:

- Getty Diversity, Equity, Accessibility, and Inclusion Plan
- Getty Research Institute: Anti-Racist Statement
- Diversity of content and collections: e.g., African American Art History Initiative, Florentine Codex Initiative, acquisition as co-custodian of Archive of Johnson Publishing Company (*focused on Black community*)
- Surveys re possible biased terminology in Web materials
- Getty Style Guide (e.g., diversity, inclusiveness)

Related Disciplines:

- Library community
- Visual Resources comm.
- Archival community
- Museum community
- University community
- government agencies (e.g., US Dept. of Interior)
- published scholarship in art history, archaeology, anthropology, history, etc.

Multilingual
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Accessible

How Do We Get There?

Basic considerations for users of Getty Vocabularies

- Getty Vocabularies provide terminology in use by the community, they do not prescribe *how to use terms* beyond Scope Note suggestions
- Getty Vocabularies do not prescribe, but instead assist in decision-making by providing contextual information
 - Rich ‘preferences’ inform users: a) for record = most commonly used in authoritative scholarly publications; b) for each language; c) for each contributor; d) for each source
 - Additional flags further classify terms; e.g., those deemed pejorative or objectionable are labeled “avoid use” for new indexing; those preferred by a given culture are noted
 - Historical, obsolete, and even objectionable terms are not deleted (since they provide access) for research and discovery


Multilingual
Multicultural
Diversity
Inclusive
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Accessible

How Do We Get There?

Basic considerations for users of Getty Vocabularies

- We in the Getty Vocabulary Program (GVP) are not numerous enough, representative enough, or expert enough to ourselves make such weighty decisions regarding which terms are best for each of the millions of Vocabulary records
- Getty Vocabularies' users may look to professional organizations for guidelines for usage on unbiased, antiracist, correct postcolonial terminology, etc.
- Through contributions to the Vocabularies, the expert contributor community may actuate change
 - Could form consortia to reach consensus and contribute to GVP
 - Could survey professional organizations already making these decisions, and then you contribute to GVP with sources noted

Multilingual
Multicultural
Diversity
Inclusive
Equity
Unbiased
Antiracist
Accessible

A photograph of a modern building interior, likely a library or museum, featuring a curved glass wall and a metal railing. The architecture is clean and minimalist, with large windows allowing natural light to enter. The text "Getty" is overlaid in the bottom left corner of the image.

Getty Vocabularies: Overview of Selected Issues

Getty

Vocabularies' structure and practice already position the Vocab to facilitate diverse points of view

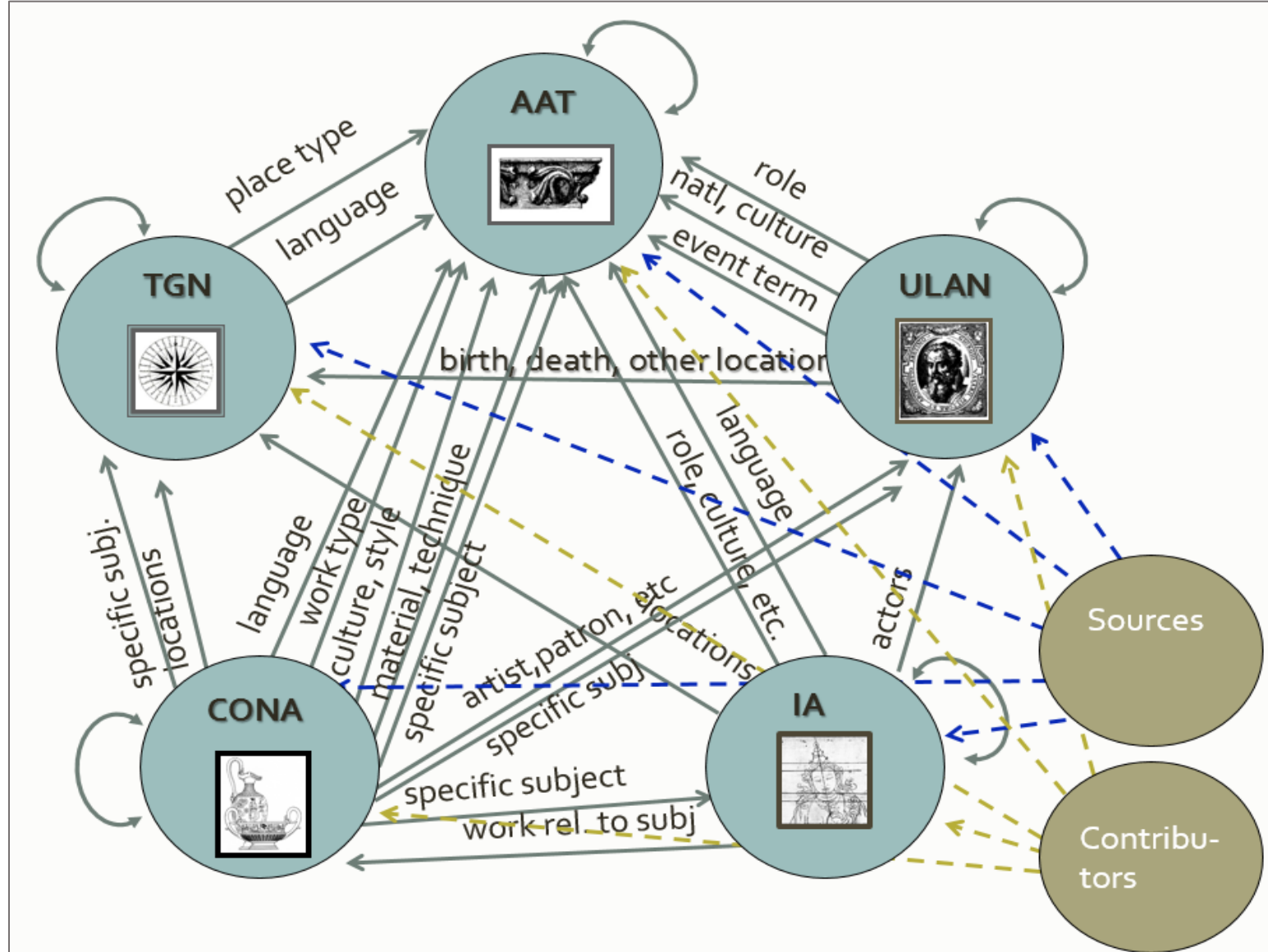
Multilingual terminology and interconnectedness allows for multiple points of views

E.g., various hierarchical views, different language displays

Getty

Languages and Linking = Multiple Views

- Multilingual context & relationships between records



Vocabularies’ structure and practice can facilitate diverse points of view


Getty Vocabularies are already well-suited to the challenge of expressing ambiguity and multiple views that characterize art history

Defining the Issues

ID: 300263134

Page Link: <http://vocab.getty.edu/page>

Example: ‘lebetes’ vs ‘dinoi’

 **lebetes** (vessels (containers), <containers by form>, ... Furnishings and E

Note: Refers to ancient Greek small, deep bowls that curve in sharply at the shoulder and have a distinct neck with overhanging lip and round bottom designed so the bowl could sit on a stand; they may have feet. A lebes is equipped with a pair of upright handles at the shoulder and often with a domed cover topped by a tall, stemmed handle. Bronze lebetes were used for cooking and those made of terracotta were used for mixing wine. They are distinguished from "dinoi" by their smaller size. Many scholars in the past have used the term to refer to both the dinos and lebes, because they thought that the term dinos referred to a cup.

Terms:

lebetes ([preferred](#), [C](#), [U](#), [English-P](#), [D](#), [U](#), [PN](#))
([Dutch-P](#), [D](#), [U](#), [U](#))

lebes ([C](#), [U](#), [English](#), [AD](#), [U](#), [SN](#))
([Dutch](#), [AD](#), [U](#), [U](#))
([Spanish-P](#), [D](#), [U](#), [PN](#))

λέβης ([C](#), [U](#), [Greek-P](#), [AD](#), [U](#), [U](#))

碗形金屬盛器 ([C](#), [U](#), [Chinese \(traditional\)](#)-

dinoi (lebetes) ([U](#), [English](#), [UF](#), [U](#), [U](#))

Flag to indicate “Avoid Use”
Note: incorrect usage



Lebes; Unknown artist/maker; 50-1 BCE; Getty Museum, 96.AC.51

“Other” Flag

- Formula
- Symbol
- Official term
- Provisional term
- Avoid Use**
- Deprecated
- Pejorative

Facilitate use
of unbiased
terminology

Defining the Issues

Inform users by flagging terms

Example: ‘illegal aliens’ has pejorative connotations. Deprecated to UF, cautionary flag attached. May be used for retrieval, but should be avoided in new indexing. ‘undocumented immigrants’ is new record-preferred term

AAT

ID: 300443480

Record Type: [concept](#)

Page Link: <http://vocab.getty.edu/page/aat/300443480>

 **undocumented immigrants** (immigrants, <people by state or condition>, ... People (hierarchy name))

Note: Used to describe those immigrant residents of a state or country who do not possess rights acquired through due legal process, or more specifically those not having the appropriate legal documents associated with their status. It includes people who entered the U.S. without inspection or permission from the government, and those who entered with a legal visa that is no longer valid.

Terms:
undocumented immigrants ([C](#), [U](#), [English-P](#), [D](#), [U](#), [PN](#))
undocumented immigrant ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))
undocumented persons ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))
illegal aliens ([U](#), [LC](#), [English](#), [UF](#), [U](#), [U](#))
undocumented aliens ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))
illegal immigrant ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))

“Other” Flag

Formula	▲
Symbol	
Official term	
Provisional term	
Avoid Use	
Deprecated	
Pejorative	▼

Facilitate use
of unbiased
terminology

Authoritative source
made change to
deprecate
'illegal aliens,' thus
provides warrant for
change in AAT

Defining the Issues

The screenshot shows the Library of Congress Authorities website. At the top, there is a navigation bar with links: Help, New Search, Search History, Headings List, and Start Over. Below this is a search bar with the text 'Libraries (G... HotMail - Patricia Har... Google Library of Congress A... eb britann'. The main content area displays a list of headings. The first heading is '040 __ |a DLC |c DLC |d DLC |d WaU |d NNU-L |d DLC'. Below this is a heading '150 __ |a Noncitizens' which is highlighted with a red box. Underneath it is a heading '450 __ |w nne |a Illegal aliens' also highlighted with a red box. Below this are several other headings: '450 __ |a Enemy aliens', '450 __ |a Expatriates', '450 __ |a Foreign population', '450 __ |a Foreign residents', '450 __ |a Foreigners', '450 __ |a Non-citizens', '450 __ |a Noncitizens |x Legal status, laws, etc.', '450 __ |a Resident aliens', '450 __ |a Unauthorized immigrants', '450 __ |a Undocumented aliens', '450 __ |a Undocumented immigrants', and '450 __ |a Unnaturalized foreign residents'.

Note: In LOC, not all 450-fields are true synonyms; but in AAT all UFs must be true synonyms.

Purposes differ: LOC is grouping headings that may be used to index similar topics in books, but AAT is grouping synonyms for disambiguation and precision in indexing and research

Thus AAT may not exactly reflect the LOC terminology
AAT pref =
'undocumented immigrant'

Facilitate use
of unbiased
terms

Defining the Issues

AAT includes non-synonymous terms in separate concept records

AAT

ID: 300448919
Page Link: <http://vocab.getty.edu/page/aat/300448919>

Record Type: [concept](#)

 **noncitizens** (<people by state or condition>, people (agents), People (hierarchy name))

Note: Unnaturalized foreign residents of a country, nation, or state who do not hold official citizenship status within that place. Noncitizens may or may not possess residence documentation.

Terms:


noncitizens ([preferred](#), [C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))
[C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))
non-citizen ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))

Facet/Hierarchy

Hierarchical Position



[Agents](#) Facet
.... [People](#)
..... [person](#)

 **expatriates** (<people by state or condition>, people (agents), People (hierarchy name))

Note: Refers to persons who have withdrawn voluntarily from their native country, especially those who have renounced allegiance to it. For persons who have fled their native country or country of residence to escape danger or persecution, use "refugees."

expatriates ([preferred](#), [C](#), [U](#), [English-P](#), [D](#), [U](#), [PN](#))
[C](#), [U](#), [English](#), [AD](#), [U](#), [SN](#))
expatriate's ([C](#), [U](#), [English](#), [AD](#), [U](#), [N](#))
expatriates' ([C](#), [U](#), [English](#), [AD](#), [U](#), [N](#))

Facilitate use of unbiased terminology

Users and vocabulary developers need to be aware of and be willing to make changes re the term marked 'preferred' based on authoritative sources

AAT data is refreshed monthly



Defining the Issues


Example: Most authoritative sources speak of 'enslaved people' instead of 'slaves.' Reason: Formulated in this way, the term separates a person's identity from their circumstance

AAT

ID: 300230899

Record Type: [Concept](#)

Page Link: <http://vocab.getty.edu/page/aat/300230899>

 **enslaved people** (<people by state or condition>, people (agents), People (hierarchy name))

Note: Those who are treated as the property of and are entirely subject to another person, whether by capture, purchase, or birth.

Terms

enslaved people (C,U,English-P,D,U,PN)

enslaved persons (C,U,English,UF,U,PN)

slaves (people) (C,U,English,UF,U,PN)

slaves (C,U,English,UF,U,SN)

slaves' (peoples') (C,U,English,UF,U,N)

people, enslaved (C,U,English,UF,U,U)

奴隸 (C,U,Chinese (traditional)-P,D,U,U)

nú lì (C,U,Chinese (transliterated Hanyu Pinyin)-P,UF,U,U)

“Other” Flag

Formula

Symbol

Official term

Provisional term

Avoid Use

Deprecated

Pejorative

Flag to indicate “Avoid Use”

Facilitate use
of unbiased
terminology

Authoritative sources
may be perceived as
somewhat slow (e.g.,
proposed in 2021,
adopted in 2022)

However, on the other
hand, making
precipitous changes in
an evolving
environment disrupts
consistency and
reliability for users

Getty


Defining the Issues

AAT

ID: 300230899

Record Type: c

Page Link: <http://v>

 enslaved people

Note: Those who are
purchase, or birth.

Te

enslaved people

enslaved person

enslaved person

slaves (people

slave's (person's

slaves' (people's

people, enslaved

奴隸 (C, U, Chinese

奴隸 (C, U, Chinese

LCSH heading **Slaves** changing to **Enslaved persons**
March 7, 2022

In September 2021, a proposal was submitted to change **Slaves** to **Enslaved persons**. The Library of Congress took the proposal under advisement for more research and evaluation, and determined that the proposal would be re-considered and a decision would be made in March 2022.

Online as of 5 October 2022

LIBRARY OF CONGRESS AUTHORITIES

Help 

New Search

Search History

Headings List

Start Over

LC control no.: sj2021051779

LCCN Permalink: <https://lcn.loc.gov/sj2021051779>

HEADING: Slaves

150__|a Slaves

450__|a Enslaved persons

550__|w g |a Persons

550__|a Slavery

Allow
expression of
ambiguity or
uncertainty

Unlike standard
scientific classifications
which must be precise

Defining the

Example of material that is
precisely defined, arranged
according to scientific rock
classification system of
geological origin: igneous,
sedimentary, and
metamorphic



Top of the AAT hierarchies

.... Materials Facet

..... Materials (hierarchy name)

..... materials (substances)

..... <materials by composition>

..... inorganic material

..... rock (inorganic material)

..... igneous rock

..... <igneous rock by composition>

..... <igneous rock by composition: chemical>

..... acid igneous rock

..... <granite by texture>

..... China stone (granite)

..... gneiss [N]

..... microgranite

..... moorstone

..... pegmatite

AAT

ID: 300011183

Page Link: <http://vocab.getty.edu/page/aat/300011183>

 **granite (rock)** (acid igneous rock, <igneous

AAT

granite (rock)

Note: A coarse-grained igneous rock that has been subjected to metamorphic processes, formed by cooling of silica-rich magma below the surface of the earth at great depths and pressures. It is the most common intrusive acid igneous rock of the Earth's crust. Granite is commonly found on continents, but is virtually absent from the ocean basins...Granite is primarily composed of feldspar, quartz, and mica along with various other minerals in varying percentages. Granite is frequently used for buildings and monuments.

What if cataloger does not know the precise
material? AAT includes terms that allow for
implying ambiguity and uncertainty
E.g., 'granite' is precisely defined – but →

Allow
expression of
ambiguity or
uncertainty

Defining the Issues

AAT

Example of terms for rocks that are
classified differently by Maori culture

ID: 300379291

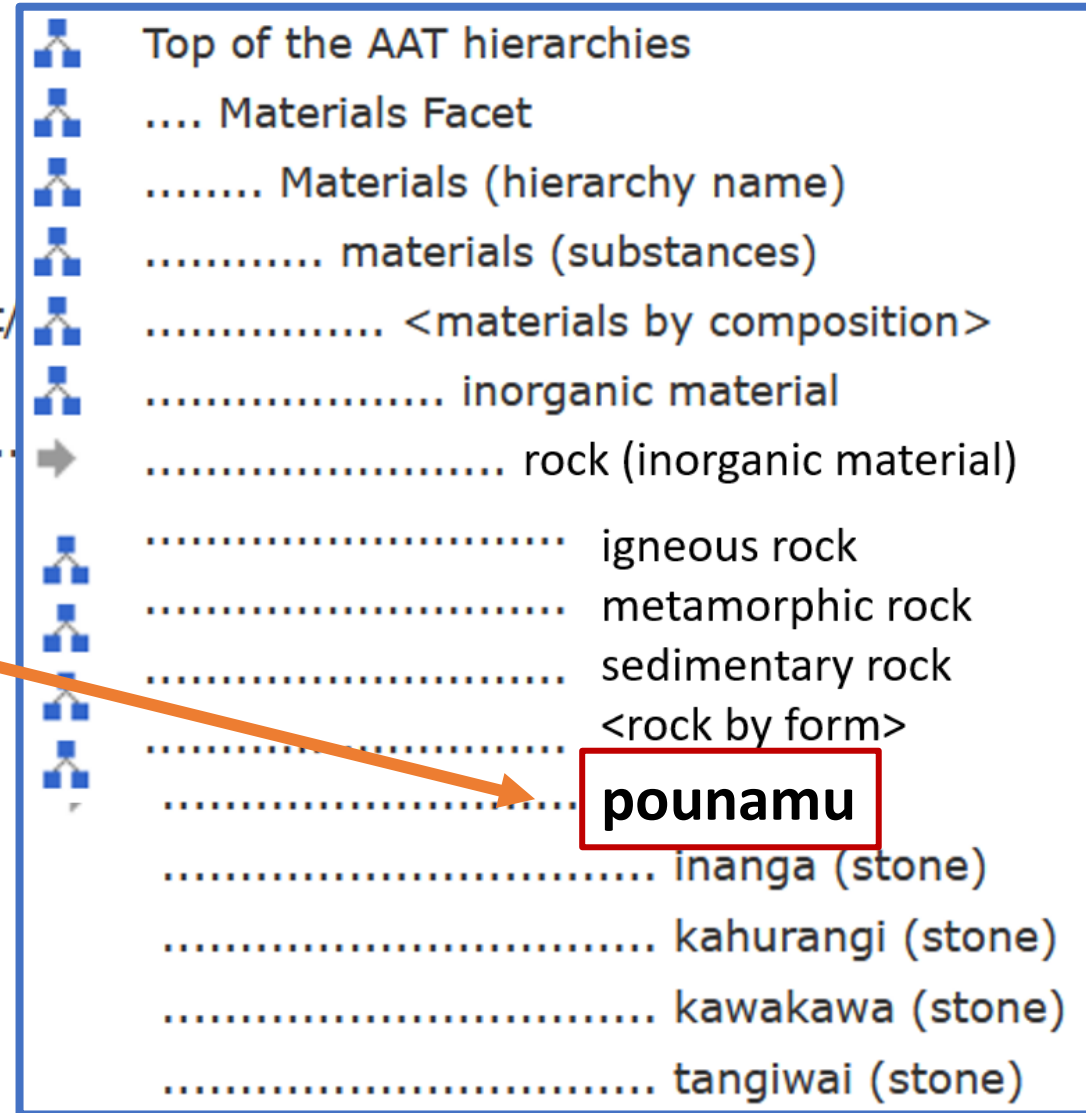
Page Link: <http://vocab.getty.edu/page/aat/>

pounamu (rock (inorganic material

Note: General term for greenstone found on South Island, New Zealand. The term refers to any of three different types of stone: nephrite, bowenite, and serpentinite. Maori do not classify pounamu by geological origin, but by appearance according to color, markings, and translucency. There are many local names for different pounamu, but four main varieties are widely recognized: inanga kahurangi kawakawa and

Terms:

pounamu ([preferred](#), [C](#), [U](#), [English-P](#), [D](#), [L](#), [N](#))
([Dutch-P](#), [D](#), [U](#), [U](#))
([Maori](#), [U](#), [F](#), [U](#), [U](#))
poenamu ([C](#), [U](#), [English](#), [U](#), [F](#), [U](#), [N](#))



Or to express
cultural
differences

Example where
terms do not
fit into
standard
scientific
classification

Respect
diverse
points of
view

Reflect the
indigenous people's
view if possible.

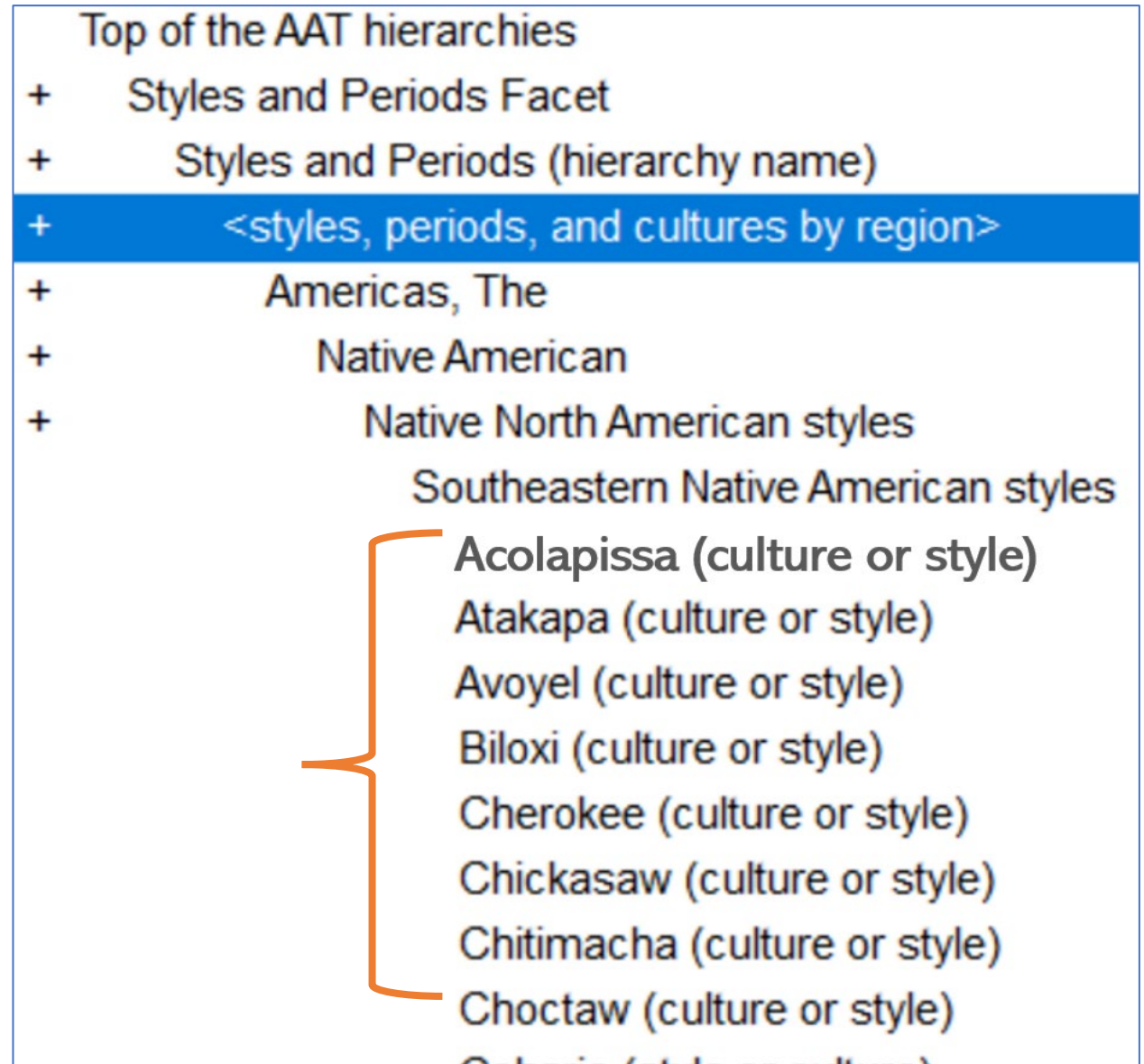
Use polyhierarchy,
associative
relationships,
qualifiers, dates
on names and
relationships; e.g.,
Cherokee people
were forcibly
removed from SE to
S Central US state of
Oklahoma

Defining the Issues

AAT

Do the current
hierarchies reflect the
indigenous people's
point of view? Often
more complex than a
simple hierarchy, with
differences and
relationships over
time and territory

How to remedy the
situation? Can the
repositories
(museums) convene
with experts and
members of the
communities to reach
consensus?



Respect diverse points of view


Example where
context is explained
in Scope Note, users
make decisions

Preferred
terminology may
change frequently
and is often not
agreed upon

Defining the Issues

ID: 300017437

Page Link: <http://vocab.getty.edu/page/aat/300017437>

 **Native American** (Americas, The, <styles, periods, and cultures by region>, Styles and Peri

Note: Whenever possible, use the specific tribal name. The general term "Native American" is widely used in the United States, but many groups now prefer "American Indian" or "Indigenous American." For the indigenous peoples of Canada use the term "First Nations."...

Terms:

Native American ([preferred](#), [C](#), [U](#), [English-P](#), [D](#), [U](#), [A](#))

American Indian ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))

Indigenous American ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))

Indian (Native American) ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))

Native (Native American) ([C](#), [U](#), [English](#), [UF](#), [U](#), [A](#))

American, Native ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))

Indian, American ([C](#), [U](#), [English](#), [UF](#), [U](#), [U](#))

Native Americans ([C](#), [U](#), [English](#), [UF](#), [U](#), [A](#))

美洲印第安人 ([C](#), [U](#), [Chinese \(traditional\)](#)-[P](#), [D](#), [U](#), [U](#))

Respect
diverse
points of
view

Do not force terms
into an existing
record with English-
preferred term

When possible,
prefer name in
indigenous language,
if appropriate

Defining the Issues

AAT

ID: 300445549

Page Link: <http://vocab.getty.edu/page/aat/300445549>

 **chimalxopilli** (insignia shields, <temporary alphabetical list: objects>)

Note: Nahua chimalli (shield) design of postclassical period featuring a tear-drop or paisley shape understood as a "toe" or "toe-design"

chimalxopilli

toe-design shield

Hierarchical Position:



[Objects Facet](#)

.... [<temporary alphabetical list: objects>](#) (G)

..... [insignia shields](#) (G,U)

..... [chimalxopilli](#) (G)

Additional Notes:

Spanish Diseño de chimalli (escudo) nahua que presenta una forma de lágrima o de cachemira, entendida como "dedo del pie" o "garra".

Eastern Huasteca Nahuatl Tlaixnextilli tlen chimalli nahua tlen quinextia quence ixayotl zo tlen cachemira, huan mocuamachilia quence toicxopil zo mahtehteixquitic.

N/A
Loan Term
Literal Translation
Translation N/A

N/A
Loan Term
Literal Translation
Translation N/A

Nahuatl term is
Loan Term with
preferred use in
English and
Spanish

Literal translation
is UF, not preferred

Respect
diverse
points of
view

‘Anasazi’ is
avoided in modern
usage,
contemporary
Pueblo peoples do
not prefer it


Coincides with
preponderance of
modern scholarly
usage

Defining the Issues

ID: 300016954

Page Link: <http://vocab.getty.edu/page/aat/300016954>

Record Type: [concept](#)

 **Ancestral Puebloan** (Pre-Columbian Pueblo styles, Pre-Columbian Southwestern North American styles, ... Styles and Periods (hierarchy name))

Note: Refers to the style and culture of a North American civilization that existed in the "Four Corners" area, where the boundaries of the states of Arizona, New Mexico, Colorado, and Utah intersect. The culture flourished from the first century CE to around 1300 CE, and descendants of this cultural group probably include the modern Pueblo Indians now living in New Mexico and Arizona. The style is noted for fine baskets, pottery, cloth, ornaments, tools, and great architectural achievements, including cliff dwellings and apartment-house-like villages, or pueblos. In some classification schemes, the modern Pueblo cultures are considered later phases of this people, though most schemes end this culture with the abandonment of the cliff dwellings around 1300 CE.

T	Ancestral Puebloan	(Spanish-P,D,U,A) preferred by Native Americans, and in most common usage
	Ancestral Pueblo (C,U,English,UF,U,U)	
	Moki (Ancestral Puebloan) (C,U,English,UF,U,U)	
	Moqui (Ancestral Puebloan) (C,U,English,UF,U,U) meaning "the dead," used by the Hopi to identify their ancestors	
	Basketmaker-Pueblo (C,U,English,UF,U,U)	
	Hisatsinom (C,U,English,UF,U,U) (Hopi,UF,U,U)	
	Oude Pueblo (C,U,Dutch-P,D,U,U)	
	Ἰνδιάνοι (C,U,Hebrew,D,A)	
	Pueblo Ancestral (C,U,Spanish-P,D,U)	
	cultura Pueblo (C,U,Spanish,AD,U,U)	
	Anaasázi (H,U,Navajo,UF,U,U)	
	Anasazi (H,U,Navajo,UF,U,U)	
	Anasazi Culture (Spanish,UF,U,U)	
	Anasazi Culture (H,U,English,UF,U,U)	

- Formula
- Symbol
- Official term
- Provisional term
- Avoid Use**
- Deprecated
- Pejorative

avoided in modern usage, non-preferred by contemporary Pueblo peoples

Defining the Issues

AAT

Respect
diverse
points of
view

May include
terms for
colonial,
diaspora, etc.
cultures

Contributions
to increase
coverage

-  **Black (general, race and ethnicity)**
(race (group of people), culture-related concepts, ... Associated
-  **African American**
(modern North American, modern American, ... Styles and Periods (hie
-  **African Brazilian**
(modern Latin American, modern American, ... Styles and Periods
African-Brazilian
-  **Colonial African**
(African (general, continental cultures), <styles, periods, and c
(hierarchy name)) [300108565]
 - Afro-Caribbean (culture and style)
 -  Afro-Portuguese (culture and style)
 - Bini-Portuguese
 - Sapi-Portuguese

Be sensitive
to preferred
terms:
gender
identity,
preferences

Defining the Issues


- It is important to provide appropriate, current terminology for indexing art, artists, etc.
- Current terminology is based on contributions and GVP research, warranted by current authoritative sources

AAT

ID: 300438736

Page Link: <http://vocab.getty.edu/page/aat/300438736>

Record Type: [concept](#)







 **gender non-binary** (gender identity, sociological concepts, ... Associated Concepts (hierarchy name))

Note: Persons who gender-identify outside the male/female binary...

gender non-binary (**preferred**,C,U,English-P)

NB (C,U,A,English,UF)

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

 Top of the AAT hierarchies
 Associated Concepts Facet
 Associated Concepts (hierarchy name)
 social science concepts
 sociological concepts
 gender identity
..... agender
..... bigender
..... dyadic
..... feminine
..... gender-fluid
..... gender-neutral
..... gender non-binary
..... genderqueer
..... intersex
..... masculine
..... pansexual
..... polygender
..... questioning
..... two-spirit


Be sensitive
to biased
historical
points of
view

Former
preferred name
is now flagged
as 'Pejorative';
squaw refers to
a Native
American female

Defining the Issues

TGN

ID: 2128621
Page Link: <http://vocab.getty.edu/page/tgn/2128621>






 **Alder Spring (spring)**

Coordinates:
Lat: 48 03 00 N *degrees minutes* Lat: 48.0500 *decimal*
Long: 120 09 00 W *degrees minutes* Long: -120.1500 *decimal*

Alder Spring (preferred,C,V)
Squaw Creek Spring (H,V,PJ)

FIPS
Site name
Provisional Name
Abbreviation
Avoid Use
Deprecated
Pejorative

Hierarchical Position:

-  [World](#) (facet)
-  [North and Central America](#) (continent) (P)
-  [United States](#) (nation) (P)
-  [Washington](#) (state) (P)
-  [Alder Spring](#) (spring) (P)

Place Types:
spring (**preferred**, C)

Sources and Contributors:

Alder Spring..... [VP Preferred]
..... [USGS, GNIS Digital Gazetteer \(1994\)](#) GNIS53000245

Squaw Creek Spring..... [VP]
..... [USGS, GNIS Digital Gazetteer \(1994\)](#) GNIS53000245

Subject: [VP]
..... [USGS, GNIS Digital Gazetteer \(1994\)](#) GNIS53000245

Be sensitive
to biased
historical
points of
view

Which should be the
preferred name?
E.g., Aboriginal
language, or English?
But non-authoritarian!

May change also due
to historical view of the
person for whom the
place is named

Place Type: cultural
and physical,
archaeological. Sacred
site. Which preferred?

Defining the Issues

TGN

ID: 7029527

Page Link: <http://vocab.getty.edu/page/tgn/7029527>



Bururp Peninsula (peninsula)

Coordinates:

Lat: 20 33 30 S degrees minutes Lat: -20.5583 decimal degrees

Long: 116 50 00 E degrees minutes Long: 116.8333 decimal degrees

Note: Part of the Dampier archipelago, the Bururp Peninsula is noted as important cultural world's largest and most important collection of petroglyphs. Some
gs have been dated to more than 45,000 years ago.

Bururp Peninsula

(**Preferred**. Lang: English-Pref **Note:** from 1979, for Mt. Birrup **Start:** 1979 **End:** 9999)

Murujuga

(C,V)
Peninsula (C,V)

(Lang: Australian Aborig.-Pref **Note:** meaning 'hip bone sticking out' **Start:** 1000 **End:** 9999)

Dampier Peninsula

(P)
(P)

(H,Lang: English **Note:** for English navigator William Dampier **Start:** 1670 **End:** 1979)

Place
pe
ar

Place Types:

peninsula (**preferred**)
cultural landscape
protected area

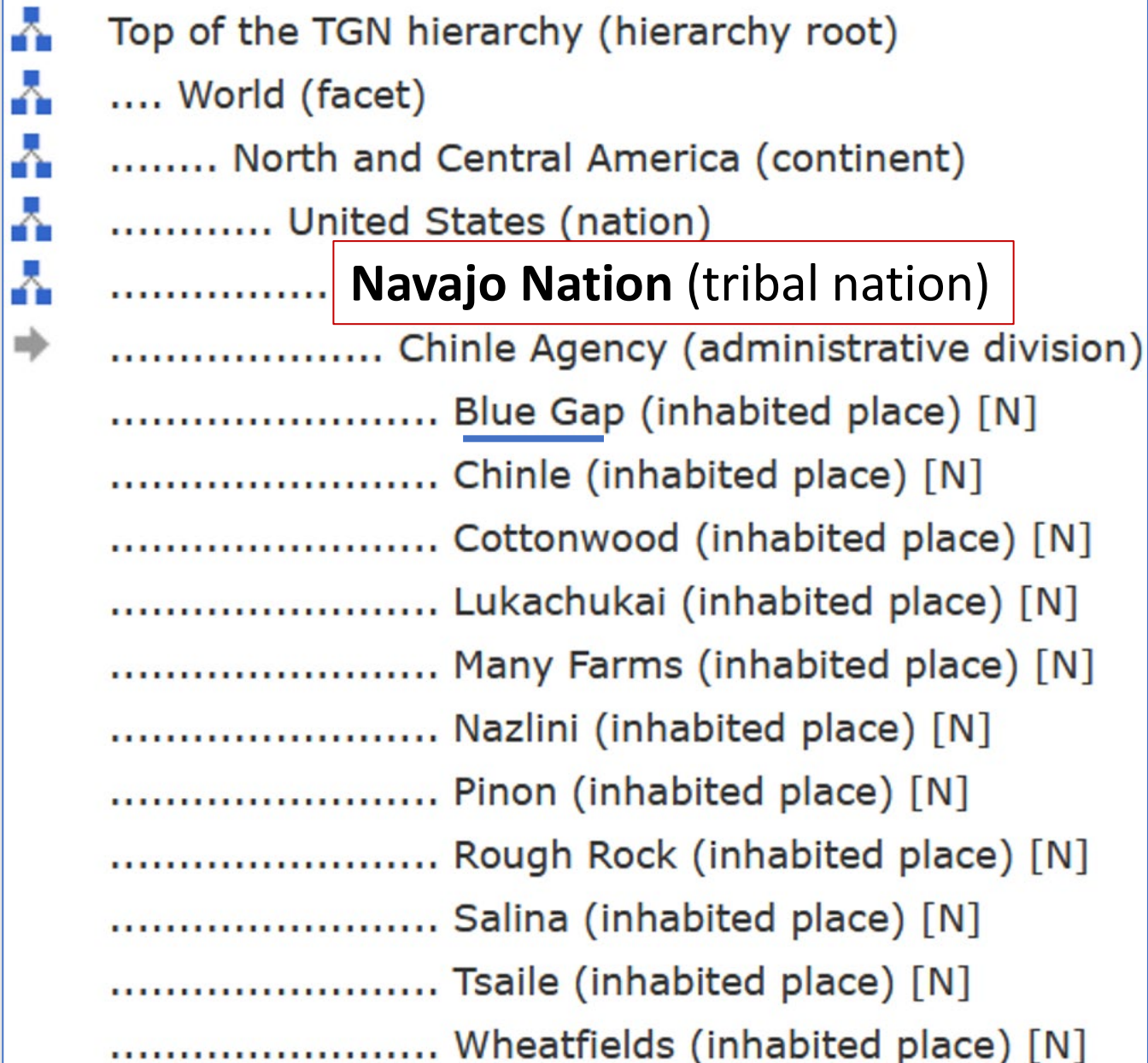
archaeological site
sacred site

Language
and Dates
may inform
usage

Defining the Issues

Be sensitive
to biased
current or
historical
points of
view

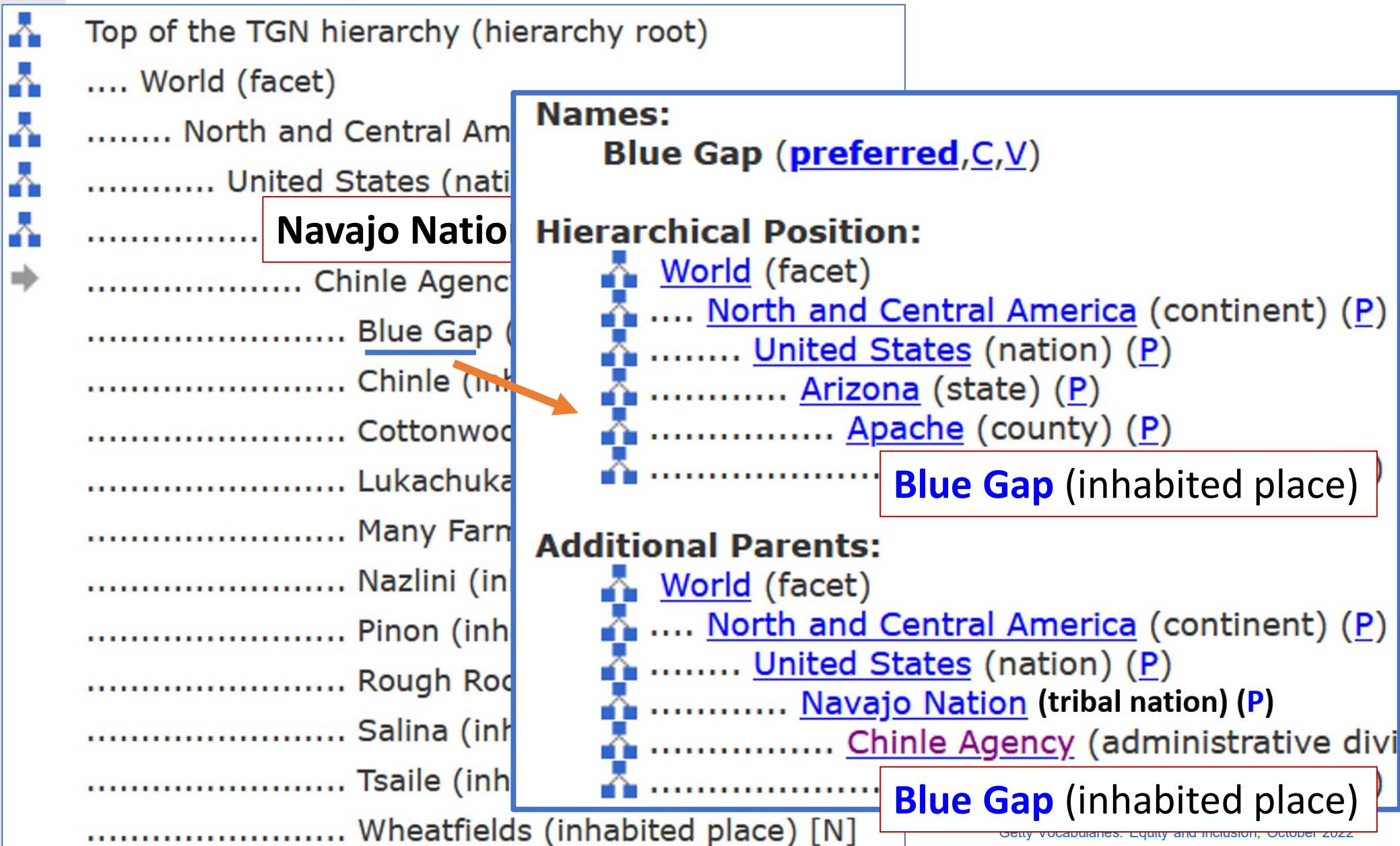
How to
represent
overlapping
jurisdictions.
E.g., Indian
Nations within
United States



Defining the Issues

Be sensitive
to biased
current or
historical
points of
view

Use
polyhierarchy,
here to
represent
place's
relationship to
USA and to
Navajo Nation



Be sensitive
to biased
historical
points of
view

Which is the preferred
name? Is it the first
chronologically, or the
most recent? Which
language?

Defining the Issues

CONA

ID: 700000141

Record Type: Built Work

Page link: <http://vocab.getty.edu/page/cona/700000141>

Images: 1 2

Hagia Sophia (church (building)); Anthemios of Tralles (Byzantine architect and mathematician ...; original structure dated from ...)

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

Titles:

Hagia Sophia	(preferred. Lang: English-pref Status: loan term; Lang: German-pref)
Αγία Σοφία	(Lang: Greek-pref)
Ayasofya	(Lang: Turkish-pref)
Santa Sofia	(Lang: Spanish-pref; Lang: Italian-pref)
Ayasofya-i Kebir Cami-i Şerifi	(Lang: Turkish-pref)
Ayasofya Müzesi	(Lang: Turkish-pref)

Based on
preponderance of
practice in scholarly
sources, this varies

CONA

Ayasofya Müz

basilica (work by form)

Getty Vocabularies: Equity and Inclusion, October 2022

Be sensitive
to biased
historical
points of
view

migration
colonial memory
postcolonial memory
multivocality

Which name is
preferred?

History written by
former colonizers is
different from the
memories of the
formerly colonized


Defining the Issues

IA

ID: 901001629

Record

Page link: <http://vocab.getty.edu/page/ia/901001629>

 **First Boer War (British-South African history, 1880-1881)**

Note: War caused by the conflict between the British desire for colonial rule and the South African desire for independence. At stake were diamond and gold mines in the Transvaal.

Display Date: 1880-1881

Names:

First Boer War (British-South African history, 1880-1881) (pr
Boer War, First (British-South African history, 1880-1881) (E
First Boer War, the (British-South African history, 1880-1881
Transvaal Rebellion (British-South African history, 1880-188
First War of Independence (British-South African history, 188
Eerste Vryheidsoorlog (British-South African history, 1880-1881) (E

Defining the Issues

IA

Be sensitive
to diverse
cultural
preferences

Respectfully
describe and
classify
iconographical
topics
e.g., deities



Be sensitive
to diverse
cultural
preferences

Respectfully
describe and
classify
iconographical
topics

What topics
and links are
included?

Getty

Defining the Issues

IA

ID: 901001411

Record Type: Character/Person

Page link: <http://vocab.getty.edu/page/ia/901001411>



Note: Nahua deity associated with storms and rain. Represented with large round eyes or "goggles" and with pointed or curling elements at the mouth, sometimes interpreted as fangs. Related deities with similar iconography are found across Mesoamerica and from at least the 1st century BCE.

con elementos puntiagudos o rizados en la boca, a veces interpretados como colmillos. Deidades relacionadas con una iconografía similar se encuentran en toda Mesoamérica y desde al menos el siglo I a.C. Por ejemplo, véase Cocijo (deidad

Display Date: from 3rd century CE

Tlaloc (Nahua deity) (preferred,English-P,D,N)
(Eastern Huasteca Nahuatl-P,D,N)
(Spanish-P,D,N)
(Classical Nahuatl-P,D,N)

Totiotizin Tlaloc (Nahua deity) (Eastern Huasteca Nah
ahuahquez, tlatomonianih (Nahua deity) (Eastern H

Related Iconography:

consort/spouse of [Chalchiuhtlicue](#)

.....(Legend, Religion, Mythology, Amerindian iconography, A
(Aztec deity)) [901002066]

Chalchiuhtlicu

Other Relationships:

role/characteristic is [deity](#)

..... (people in religion, people in religion and related occupation by occupation,
(agents), People (hierarchy name)) (AAI)

Acknowledge
various
cultural
traditions

Names and naming
traditions are
respected

E.g., *Art names* for
name as artist,
Adult name for
name conferred at
adulthood, *Changed
name* could be for
transgender, etc.

Defining the Issues

ULAN

“Other” flags

ID: 500060426
Page Link: <http://vocab.getty.edu/page/ulan/500060426>

Record Type: [Person](#)

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

Note: Noted for works of ukiyo-e ('pictures of the floating world') in painting and printmaking. He had a long career of over 70 years during which, he adopted over 30 names, typically associated with shifts in production and style. He studied Ming painting in China, the Kanō school, Sumiyoshi school, Rinpa painting, and his contemporaries of the Edo period in Japan; he also learned from Western-style painting. Types of works included nikuhitsuga (polychrome or ink paintings); surimono ('printed things'; small-edition woodblock prints), and nishikie (polychrome prints), woodblocks for eirihon (illustrated books), kyōka ehon (illustrated books of poems), and printed book illustrations. He was one of the main shunga (erotic picture) artists of the Edo period. Hokusai is thought to have created over 30,000 drawings and illustrations for 500 books. Since the late 19th century, his work has had a significant impact on Western artists, including Gauguin and van Gogh.

...

Names:

Katsushika Hokusai ([preferred](#),[V](#),[display](#))

Hokusai Katsushika ([V](#),[index](#))

Katsushika, Hokusai ([V](#),[LC](#))

Hokusai ([VCN](#))

葛飾 北斎 ([V](#),[Japanese](#),[NA](#),[U](#))

Shunrō ([V](#))

.... name taken by the artist in 1798, and used for paintings

.... go (artist's name), used in his years of training

Common Name ^

Full Name

Signature

Misspelling

Art Name

Avoid Use

Deprecated

Sōri gō (artist's name), used in early career, name taken from his Rinpa-school master Tawaraya Sōri

Sorobeku ([V](#)) used for the production of commercial prints and books

Fusenkyo ([V](#)) used briefly in 1799

Gakkyōin Hokusai ([V](#)) used beginning in 1800, name means "man mad about painting"

- Not Applicable
- Official name
- Pseudonym
- Birth name
- Abbreviation
- Common name
- Full name
- Signature
- Misspelling
- Standard name
- Married name,
- Art name
- Regnal name
- Religious name
- Adult name
- Posthumous name
- Chosen name
- Changed name
- Alternate name
- Appellation
- Deprecated name
- Avoid use
- Pejorative name

Defining the Issue

Respect
personal
privacy,
balanced
with critical
ability to
research

Could including
names, roles,
locations,
sex/gender,
relationships be
considered an
invasion of the
person's privacy?

Getty

ID: 500060426

Page Link: <http://vocab.getty.edu/page/ulan/500060426>

 **Katsushika Hokusai** (Japanese printmaker, painter, 1760-1848)

Note: Noted for works of ukiyo-e ('pictures of the floating world') in the 18th and 19th centuries, over 70 years during which, he adopted over 30 names, typically a pseudonym. He studied Ming painting in China, the Kanō school, Sumiyoshi school, and the Edo period in Japan; he also learned from Western-style painting. Types of paintings include: ukiyo-e (pictures of the floating world); surimono ('printed things'; small-edition woodblock prints); eirihon (illustrated books), kyōka ehon (illustrated books of poetry); and the main shunga (erotic picture) artists of the Edo period. Hokusai was a prolific painter and illustrations for 500 books. Since the late 19th century, his work has influenced many artists including Gauguin and van Gogh.

Names:

Katsushika Hokusai ([preferred](#),[V](#),[display](#))

Hokusai Katsushika ([V](#),[index](#))

Katsushika, Hokusai ([V](#),[LC](#))

Hokusai ([VCN](#))

葛飾 北斎 ([V](#),[Japanese](#),[NA](#),[U](#))

Shunrō ([V](#))

Sōri ([V](#))

Kakō ([V](#))

Tatsumasa ([V](#))

Sorobeku ([V](#))

Fusenkyo ([V](#))

Gakkyōin Hokusai ([V](#))

.... name taken by artist in his paintings

.... gō (artist's name)

.... hosoban (narrow)

.... gō (artist's name)

.... Rinpa-school member

.... used for the print

.... used for the print

.... used for the print

.... used briefly in the 19th century

.... used beginning in the 19th century

Nationalities:

Japanese ([preferred](#))

Roles:

artist ([preferred](#))

printmaker

painter

designer

calligrapher

draftsman

marine artist

ULAN

Gender: male

Birth and Death Places:

Born: [Tokyo \(Tōkyō, Japan\)](#) ([inhabited place](#))

Died: [Tokyo \(Tōkyō, Japan\)](#) ([inhabited place](#))

Events:

active: in Edo, modern-day Tokyo [Tokyo](#)

Related People or Corporate Bodies:

adopted child of [Nakajima Ise](#)

..... (Japanese mirror maker)

collaborated with [Takizawa Bakin](#)

..... (Japanese novelist)

..... (Japanese printmaker, active 1754/1755-1793)

student of [Katsukawa Shunshō](#) ca. 1778-1793

Respect personal privacy balanced, with critical ability to research

When is it appropriate to include information about recent or living people?

Open issue: When it is established in reliable published sources that they so self-identify?

Defining the Issues

ULAN

Privacy is paramount.


But to eliminate knowledge is to deny research (e.g., female artists, African American artists, etc.)

An artist's oeuvre may be influenced by or publicly focused on their own gender identity or sexual preference

If we include this data, are sources reliable?

* nationality, culture, ethnicity, race, religion, sexual identity, or sexual orientation

ID: 500195410
Page Link: <http://vocab.getty.edu/page/ulan/500195410>

 **Prinner, Anton** (Hungarian sculptor, painter, and illustrator, 1902-1983, active in France)

Prinner, Anton (preferred, V, index, L)
Anton Prinner (V, display)
Prinner, Anna (U)
Prinner, Antoine (U)
Antoine Prinner (U)

Nationality *
Hungarian (preferred)
French

transgender

Gender: Other

Birth Name
N/A
Official Name
Pseudonym
Abbreviation
Common Name
Full Name

Male
Female
Unknown
Other
N/A

Respect
personal
privacy,
balanced
with critical
ability to
research

Unlike mission of LOC,
Getty Vocabularies
are rich resources
intended to facilitate
complex research and
discovery;
they are not just
“value vocabulary”
authorities but
include contextual
information

Defining the Issues



Everything

Revised Report on Recording Gender in Personal Name Authority Records

PCC Ad Hoc Task Group on Recording Gender in Personal Name
Authority Records

April 7, 2022

Authors:

Recommendation for Personal Name Authorities

Do not record the RDA gender element (MARC 375) in personal name authority records. Delete existing 375 fields when editing a record for any other reason.

Proposed revisions to relevant LC-PCC documentation (including DCM Z1, LC-PCC PS, LC-PCC Metadata Guidance Document, LC Guidelines Supplement to the MARC 21 Format for Authority Data, and the NACO Participants' Manual) can be found in the appendices to this

- LOC says: “The primary goal of authority data is for disambiguation, not contextual biographical information”

Getty
Vocabular-
ies differ:
include rich
contextual
information
to allow
research
and
discovery

Document best practice

Have documentation
rules in place where
possible

Avoid value
judgement, unbiased,
neutral

Difficult because often
sources are not
neutral; cataloger
must beware

Getty

Defining the Issues

From Getty Vocabulary guidelines
https://www.getty.edu/research/tools/vocabularies/guidelines/aat_3_4_scope_note.html#3_4_1

3.4.1.5.11

Be objective

Avoid bias or critical judgment. Express all information in a neutral tone. Do not write from a subjective or biased point of view, even if your source expresses a fact in a subjective way.

- **People, events, art works**

Do not express biased views about rulers, other people, art, architecture, or events. That is, do not express views that are subjectively negative; likewise, do not express positive information in a subjective way. Instead, state views that are held by the scholarly or professional community in an objective way.

- **Controversial subjects**

When referring to a disputed or controversial matter, remain perfectly neutral, giving equal emphasis to both points of view.

- **Religious and cultural biases**

Avoid using language that expresses biased views about religion or religious groups. Do not state or imply negative or Western-centric views about native peoples.

- Avoid using terminology for that may be considered offensive by groups of people. For example, when speaking of the indigenous populations of the Americas in the scope note, do not use the term "Indian," which is offensive and also ambiguous, since it more correctly refers to the people of the subcontinent of India, but instead use the name of the tribes. If you don't know the name of the tribe or need to speak in general terms, use "Native American," "Amerindian" (where appropriate), or "First Nations" (where appropriate).

Ensure
accessibility
and inclusivity
for user
community

Defining the Issues

- For Getty Vocabularies, what is meaning of **Accessibility and Inclusivity?**
- Usual definition entails combining accessibility standards and usability to ensure that physical spaces and Web design are usable by people with disabilities (physical, cognitive)
- For Vocabs, this would **include legibility of Web site**
 - Large enough, clear fonts, contrast with background, braille, audibles, etc.
 - Ease of use of Web and tools for multiple audiences
- We expand this to **include various other slices of audiences**
 - Regardless of money, advanced technology, technical expertise
 - Regardless of culture and language differences
 - Regardless of intention – scholarly research, casually interested user, catalogers, and technical developers
 - Making Vocabs online, guidelines and training, data formats, tools, and contributions accessible
 - Use redundancy in addition to primary entry point – specialist vs public vs developer



Getty

Getty Vocabularies: The Future

Future of Getty Vocabularies

Multilingual
Multicultural
Diversity
Inclusive
Equity
Unbiased
Antiracist
Accessible

Getty

Getty Vocabularies: the Future

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

- Reimagine how 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
- Working within our defined domains (see Scope descriptions for AAT, TGN, ULAN, CONA, IA), nurture relationships with our established community and reach out to new partners and opportunities
- Facilitate contributions that are more targeted vs opportunistic
 - Continue seeking contributions that focus on our core mission
- Plan development for several audiences: catalogers, scholarly research, casual interested persons, developers
 - Simpler releases where appropriate for linking development (e.g., recent LOD release for Linked.Art)
 - Continue robust versions of data for complex research and discovery

Contributors

- By contributing, contributors benefit from having their data incorporated in the greater whole of standard Vocabularies
- For their own use and for sharing with the broader community for linking, research, and discovery
- How to Contribute: Spreadsheets, XML format, online form

Multilingual
Multicultural
Diversity
Inclusive
Equity
Unbiased
Antiracist
Accessible

Who are the contributors?

- Getty projects
- 350 institutions, consortia, research projects

How is the data generated?

- Contrib. may research and create original data for the purpose of contribution
E.g., translations: Spanish, Dutch, Chinese, German, French, Croatian, Portuguese, Japanese, Hebrew, Arabic, Turkish
- Or may map data already collected in the course of their own work
E.g., repositories and documentation projects, research projects
- Contributions = 10s of thousands per year

Contributors to Getty Vocabularies

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

Getty

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

National documentation agencies, consortia

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

Image collections, libraries

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

Art repositories

Grove Art online

Publishers

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

Research projects, schols.



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Research projects, schols.



Accessing and Obtaining

- **NEW! Linked.Art Semantic Representation:** [Website](#), [Model](#)
Default model for JSON and JSON-LD serializations [Semantic Resolution](#)
Activity Stream: <https://data.getty.edu/vocab/activity-stream>
SPARQL Endpoint: <https://data.getty.edu/vocab/sparql>
SPARQL UI: <https://data.getty.edu/vocab/sparql-ui>
- **GVP Semantic Representation:** [HTML](#) (for linking), [PDF](#) (for printing).
Sections [GVP URLs and Prefixes](#) and [Semantic Resolution](#) describe the used URIs and provide examples. All prefixes that we use are in [prefixes.ttl](#).
Comprehensive [Sample Queries](#) are included.
- **GVP ontology:** [HTML](#), [RDF/XML](#), [Turtle](#)
- **Datasets:** (NTriples Zip, see doc section [Export Files](#) before using!):
 - AAT: [full.zip](#) (all statements), [explicit.zip](#) (only explicit statements)
 - TGN: [full.zip](#) (all statements), [explicit.zip](#) (only explicit statements)
 - ULAN: [full.zip](#) (all statements), [explicit.zip](#) (only explicit statements)

Open Refine

Open-source tool for data cleanup and transformation

Data managers, developers, researchers who wish to reconcile data sets to Getty Vocab

Accessing and Obtaining

Reconciliation Service

The screenshot displays the OpenRefine web interface in a browser. The address bar shows the URL `127.0.0.1:3333/project?project=2033714457201`. The page title is "OpenRefine Artists Names.xlsx". The main area shows a table with 40,254 rows. The first column is "ARTIST NAME" and the second is "ARTISTBIRTH". A modal dialog box is open over the first row, which contains the name "Tamburini, Arnaldo (27)". The dialog has two buttons: "Match this Cell" and "Match All Identical Cells". Below the name, it says "Comment on works: genre, Portraits". The table also shows a list of other artists, including "F.A. Bridgman", "Bridgman, Frederick Arth", "Bridgman, G. (17)", "Bridgman, David (16)", "Bridgman, Henry (16)", "Bridgman, George Brant", "Turner, F.A. (14)", "Bridgman, Charles J. (14)", "Porsche, Ferdinand Alexander (11)", "Wolff, Friedrich Anton (10)", "Benedict, Fred (9)", and "Clark, Frederick Ambrose (9)".

OpenRefine Artists Names.xlsx Permalink

40254 rows

Show as: rows records Show: 5 10 25 50 rows

Extensions: Wikidata

Match this Cell Match All Identical Cells Cancel

Tamburini, Arnaldo
(Italian painter, count, 1843-1901)

Comment on works: genre, Portraits

Artists Names.xls...html
36/38 B, 0 secs left

Accessing and Obtaining

http://vocab.getty.edu/queries#Finding_Subjects

Survey of users:

Who and how use the Vocabularies, what do they need to use vocabs better

SPARQL end point

Demonstration project at GRI:

Using rich data of Getty Vocabularies to answer complex research questions on Provenance Index data and Getty Portal

Getty

The screenshot shows the 'Getty Vocabularies: LOD' interface. At the top, there's a navigation bar with 'SPARQL' and 'Queries' tabs, a search bar with a dropdown set to 'Any', and buttons for 'Search' and 'Brief'. Below the navigation bar, a list of queries is displayed, with '2 Finding Subjects' selected. The 'Finding Subjects' section is expanded, showing a list of sub-queries from 2.1 to 2.21. On the right side, there's a panel with a search bar and two checkboxes: 'Include inferred' (checked) and 'Expand results over equivalent URIs' (unchecked). Below this, the '2 Finding Subjects' section is further expanded to show '2.1 Top-level Subjects', which includes a text description and a SPARQL query snippet.

1.2.4 [Version 3.3](#)
1.2.5 [Version 3.4](#)
2 [Finding Subjects](#)
2.1 [Top-level Subjects](#)
2.2 [Descendants of a Given Parent](#)
2.3 [Subjects by Contributor Id](#)
2.4 [Subjects by Contributor Abbrev](#)
2.5 [Preferred Ancestors](#)
2.6 [Full Text Search Query](#)
2.7 [Stop-Word Removal](#)
2.8 [Case-insensitive Full Text Search Query](#)
2.9 [Exact-Match Full Text Search Query](#)
2.10 [Find Person Occupations by broaderExtended](#)
2.11 [Find Person Occupations by Double FTS](#)
2.12 [Find Quartz Timepieces by Double FTS](#)
2.13 [Find Subject by Exact English PrefLabel](#)
2.14 [Find Subject by Language-Independent PrefLabels](#)
2.15 [Combination Full-Text and Exact String Match](#)
2.16 [Find Subject by Any Label](#)
2.17 [Find Ordered Subjects](#)
2.18 [Find Ordered Collections](#)
2.19 [Get Subjects in Order](#)
2.20 [Find Contributors by Vocabulary](#)
2.21 [Find Sources by Vocabulary](#)

1

☒ Include inferred
☐ Expand results over equivalent URIs

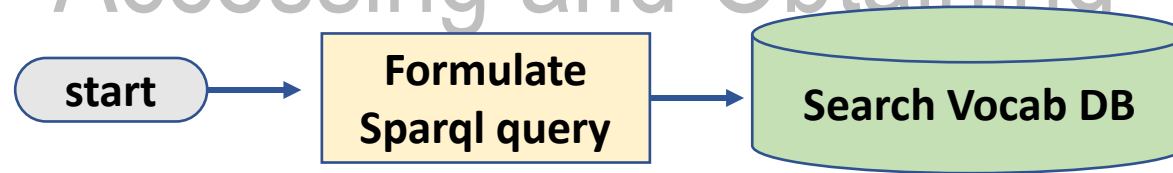
2 **Finding Subjects**
2.1 **Top-level Subjects**
The top-level Subjects of AAT are gvp:Facets, so the query is easy:

```
select * {?f a gvp:Facet; skos:inScheme aat: ; gvp:prefLa
```


The same holds of TGN (there's only two: World and Extraterrestrial

```
select * {?f a gvp:Facet; skos:inScheme tgn: ; gvp:prefLa
```


Accessing and Obtaining



5.9 Non-Italians Who Worked in Italy

Find non-Italians who worked in Italy and lived during a given time range

- Having event that took place in tgn:1000080 Italy or any of its descendants
- Birth date between 1250 and 1780
- Just for variety, we look for artists as descendants of facets ulan:500000003 "Corporate bodies" or ulan:500000002 "Persons, Artists", rather than having type "artist" as we did in previous queries. In the previous query we used values{..} but we here use filter(in(..)).
- Not having nationality aat:300111198 Italian or any of its descendants

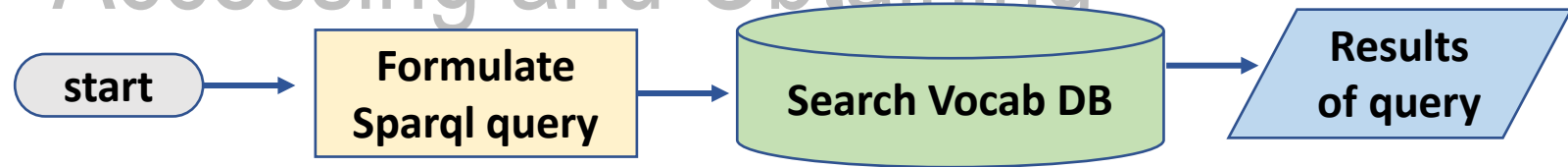
Demonstration project at GRI:

Using rich data of Getty Vocabularies to answer complex research questions on Provenance Index data and Getty Portal

Getty

```
select ?x ?name ?bio ?birth {
  {select distinct ?x
   {?x
    foaf:focus/bio:event/(schema:location|(schema:location/gvp:broaderExtended))
    tgn:1000080-place}}
   ?x gvp:prefLabelGVP/xl:literalForm ?name;
   foaf:focus/gvp:biographyPreferred [
    schema:description ?bio;
    gvp:estStart ?birth].
  filter ("1250"^^xsd:gYear <= ?birth && ?birth <= "1780"^^xsd:gYear)
  filter exists {?x gvp:broaderExtended ?facet.
    filter (?facet in (ulan:500000003, ulan:500000002)))}
  filter not exists {
    ?x foaf:focus/(schema:nationality|(schema:nationality/gvp:broaderExtended))
    aat:300111198}}
```

Accessing and Obtaining



5.9 Non-Italians Who Worked in Italy

Find non-Italians who worked in Italy and lived during a given time range

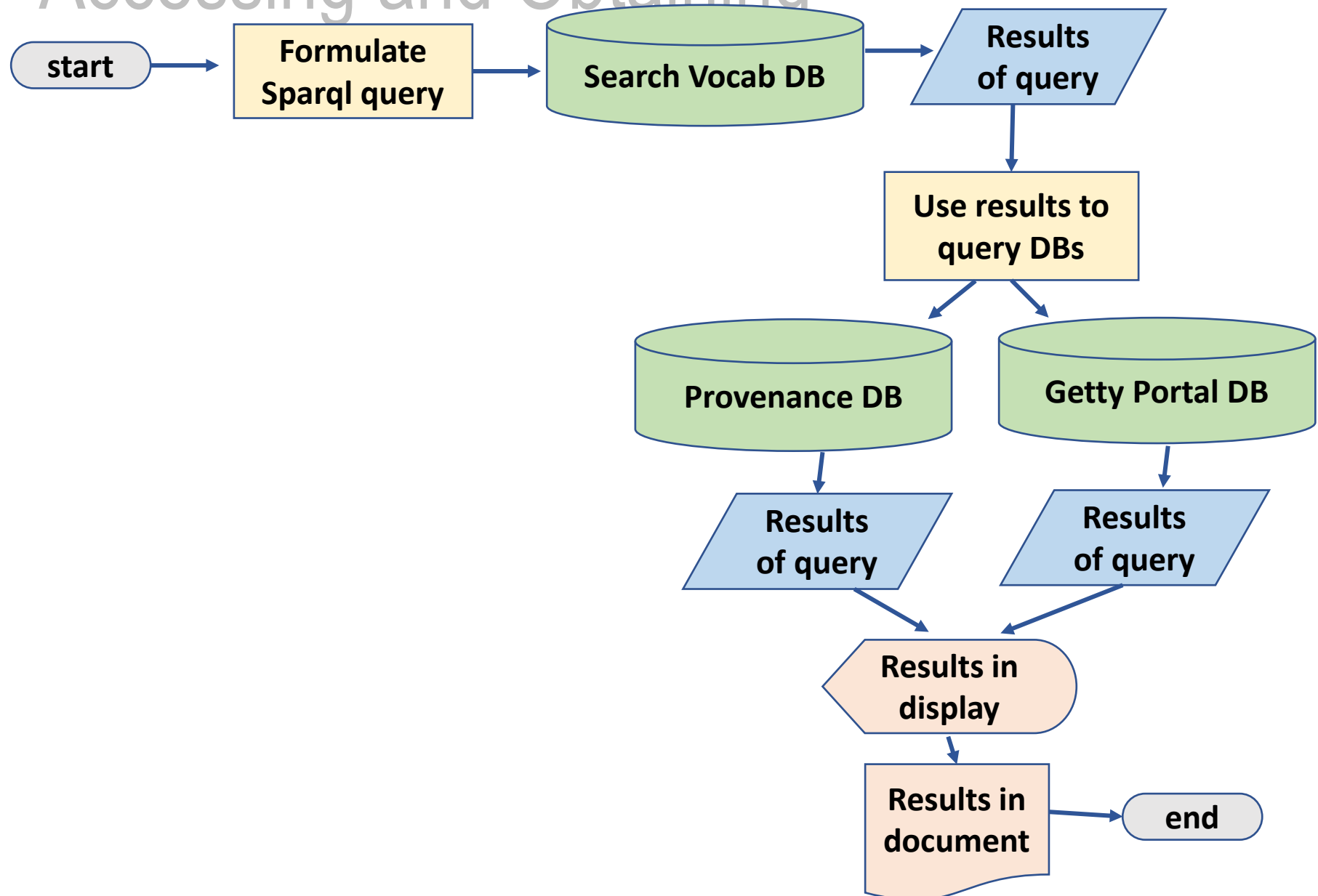
- Having event that took place in tgn:1000080 Italy or any of its descendants
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- Not having nationality aat:300111198 Italian or any of its descendants

Demonstration project at GRI:

Using rich data of Getty Vocabularies to answer complex research questions on Provenance Index data and Getty Portal

x	name	bio
ulan:500000100	Withoos, Matthias@nl	Dutch painter, 1627-1703, active in Italy
ulan:500000267	Mignard, Pierre, I	French painter and portraitist, 1612-1695
ulan:500000317	Baltard, Louis Pierre@nl	French painter, engraver, and architect, 1764-1846
ulan:500000352	Gaap, Johann Adolf	German goldsmith, 1667-1724, active in Italy
ulan:500000432	Herr, Michael	German painter and draftsman, 1591-1661
ulan:500000650	Schoel, Hendrick van@nl	Dutch printmaker, draftsman, and publisher, died 1622
ulan:500000840	Saint Non, Jean Claude Richard de	French engraver and printmaker, 1727-1704

Accessing and Obtaining



5.9 Non-Italians Who Worked in Italy

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Demonstration project at GRI:

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Improving Interconnectivity

Improving
interconnectivity:

Linking Getty
Vocabularies
to other resources



Thank you.

Patricia Harpring
Managing Editor
Getty Vocabulary Program

pharpring@getty.edu
vocab@getty.edu

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

