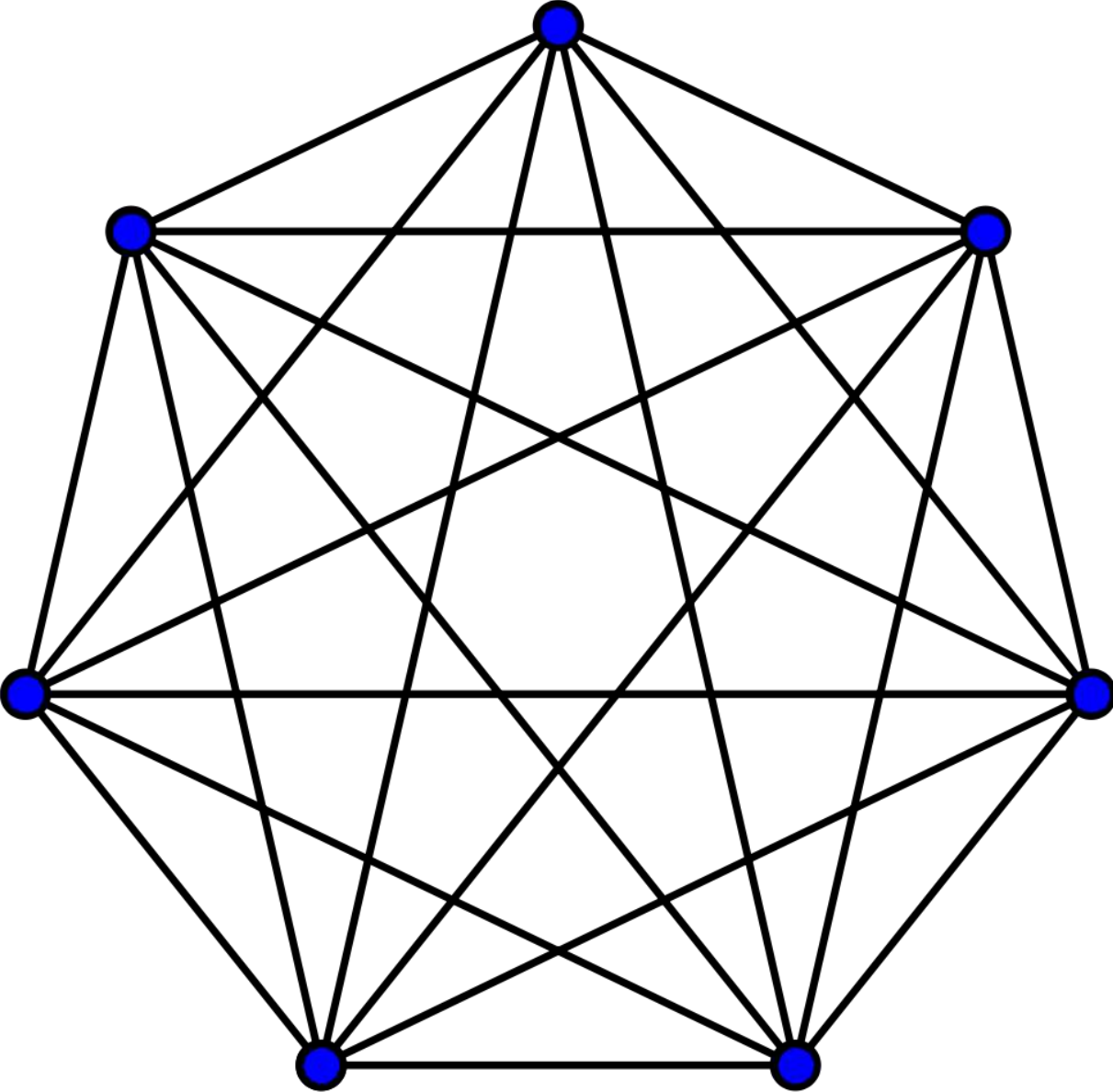
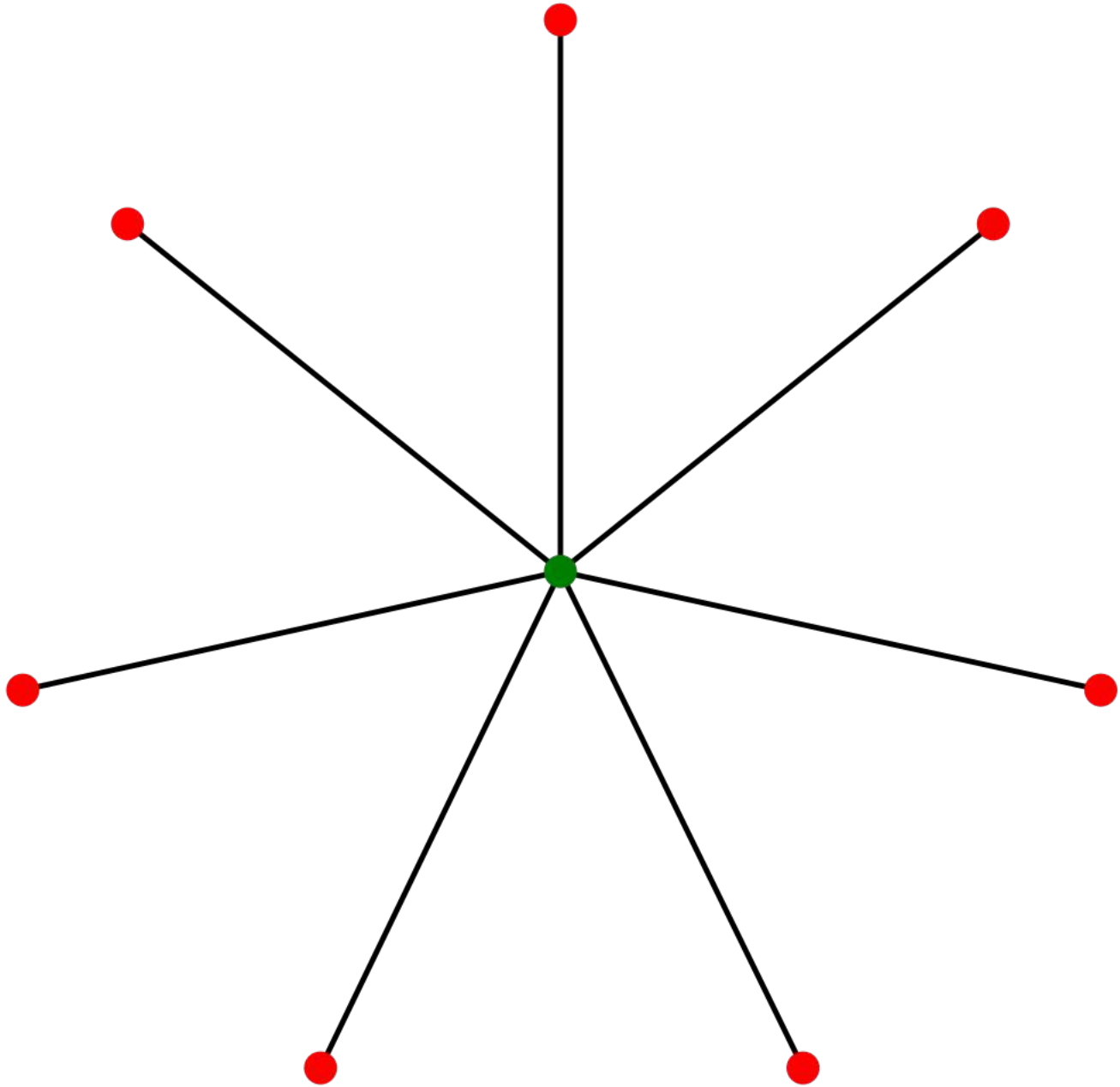


Wikidata: The Linked Open Data hub

Maarten Dammers
@mdammers







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universe (Q1)

totality of planets, stars, galaxies, intergalactic space, and all matter and energy
cosmos | [The Universe](#)

[In more languages](#)

Language	Label	Description	Also known as
English	universe	totality of planets, stars, galaxies, interg...	cosmos The Universe
German	Universum	Gesamtheit der Energie, des Raumes u...	Weltall All Kosmos Weltraum
Spanish	universo	totalidad del espacio-tiempo, la materia ...	cosmos
French	Univers	ensemble des planètes, des étoiles, de...	Cosmos
Dutch	heelal	alle materie en energie binnen het geh...	universum kosmos cosmos
Portuguese	universo	tudo o que existe fisicamente, a totalida...	Universo cosmos

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Universe



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This is the **current revision** of this page, as edited by **Drow** ([talk](#) | [contribs](#)) at 12:14, 26 March 2018 (→*Astronomical concepts*). The present address (URL) is a **permanent link** to this version.

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For other uses, see [Universe \(disambiguation\)](#).

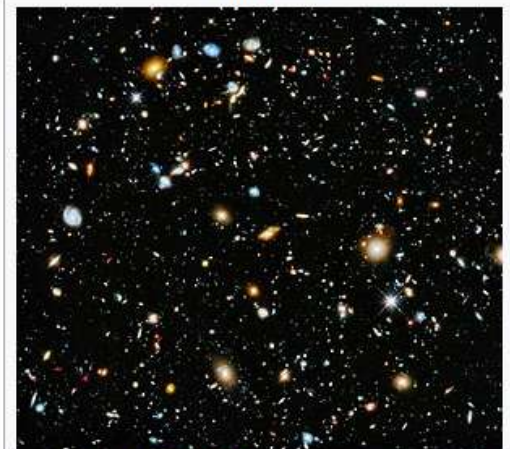
The **Universe** is all of [space](#) and [time](#)^[a] and their contents, including [planets](#), [stars](#), [galaxies](#), and all other forms of [matter](#) and [energy](#). While the spatial size of the entire Universe is still unknown,^[6] it is possible to measure the [observable universe](#).

The earliest scientific models of the Universe were developed by [ancient Greek](#) and [Indian philosophers](#) and were [geocentric](#), placing [Earth](#) at the centre of the Universe.^{[12][13]} Over the centuries, more precise astronomical observations led [Nicolaus Copernicus](#) to develop the [heliocentric model](#) with the Sun at the centre of the [Solar System](#). In developing the [law of universal gravitation](#), [Sir Isaac Newton](#) built upon Copernicus's work as well as observations by [Tycho Brahe](#) and [Johannes Kepler](#)'s [laws of planetary motion](#).

Further observational improvements led to the realization that our Solar System is located in the [Milky Way](#) galaxy, which is one of many galaxies in the Universe. It is assumed that galaxies are distributed uniformly and the same in all directions, meaning that the Universe has neither an edge nor a center. Discoveries in the early 20th century have suggested that the Universe had a beginning and that it is expanding^[14] at an increasing rate.^[15] Roughly eighty percent of mass in the Universe appears to exist in an unknown form called [dark matter](#) which cannot be directly observed.^[16]

The [Big Bang](#) theory is the prevailing [cosmological](#) description of the development of the Universe. Under this theory, space and time emerged together 13.799 ± 0.021 billion years ago^[2] with a fixed amount of energy and matter that has become less dense as the Universe has expanded. After the initial expansion, the Universe cooled, allowing the first [subatomic particles](#) to form and then simple [atoms](#). Giant clouds later merged through gravity to form galaxies, stars, and everything else seen today. It is possible to see objects that are now further away than 13.799 billion [light-years](#) because

Universe



The [Hubble Ultra-Deep Field](#) image shows some of the most remote [galaxies](#) visible with present technology, each consisting of billions of stars. (Apparent image area about 1/79 that of a full moon)^[11]

Age (within Lambda-CDM model)	13.799 ± 0.021 billion years ^[2]
Diameter	At least 156–554 billion light-years (47.8–170 billion parsecs) ^{[3][4][5]} (maybe infinite ^[6])



WIKIDATA

Johannes Vermeer (Q41264)

[[edit](#)]

Dutch 17th century painter

[Jan Vermeer](#) | [Johannes Vermeer van Delft](#)

▼ [In more languages](#)

Language	Label	Description	Also known as
English	Johannes Vermeer	Dutch 17th century painter	Jan Vermeer Johannes Vermeer van Delft
German	Jan Vermeer	Holländischer Maler	Johannes Vermeer Joannis van der Meer Jan Vermeer van Delft Joannis ver Meer
Spanish	Johannes Vermeer	No description defined	Johannes van der Meer Jan Vermeer Vermeer de Delft Vermer Jan Vermeer van Delft Johannes Vermeer van Delft Vermeer
French	Johannes Vermeer	peintre hollandais	Vermer Jan Vermeer van Delft Jan Vermeer Vermeer de Delft Vermeer
Dutch	Johannes Vermeer	Nederlands kunstschilder	

Wikipedia (82 entries) [\[edit\]](#)

als	Jan Vermeer
ar	يوهانس فيرمير
az	Yan Vermeer
be_x_old	Ян Вэрмээр
be	Ян Вермер
bg	Йоханес Вермеер
bn	জোহানস্ ভারমির
br	Johannes Vermeer
bs	Johannes Vermeer
ca	Johannes Vermeer de Delft
co	Jan Vermeer
cs	Jan Vermeer
cy	Johannes Vermeer
da	Johannes Vermeer 
de	Jan Vermeer 
el	Γιοχάνες Βερμέερ
en	Johannes Vermeer
eo	Johannes Vermeer
es	Johannes Vermeer
et	Johannes Vermeer
eu	Jan Vermeer
fa	يوهانس فرمير

place of birth (P19)

[[edit](#)]

the most specific known (e.g. city instead of country, or hospital instead of city)

[birthplace](#) | [born in](#) | [POB](#) | [birth place](#) | [location born](#) | [born at](#) | [birth location](#) | [location of birth](#)

▼ [In more languages](#)

Language	Label	Description	Also known as
English	place of birth	the most specific known (e.g. city instead of c...	birthplace born in POB birth place location born born at birth location location of birth
German	Geburtsort	Ort, in dem ein Mensch geboren wurde	geboren in
Spanish	lugar de nacimiento	Sitio donde nació una persona. Usar el sitio m...	
French	lieu de naissance	lieu où la personne est née, le plus spécifique...	né à naissance née à
Dutch	geboorteplaats	de meest specifieke bekende geboorteplaats ...	
Portuguese	local de nascimento	local de nascimento da pessoa (o mais espec...	lugar de nascimento nasceu em nascido em

place of birth



Delft

[edit]

▶ 1 reference

[add]

inventory number



SK-A-2344

[edit]

collection

Rijksmuseum

▼ 1 reference

[edit]

reference URL

<https://www.rijksmuseum.nl/en/collection/SK-A-2344> 

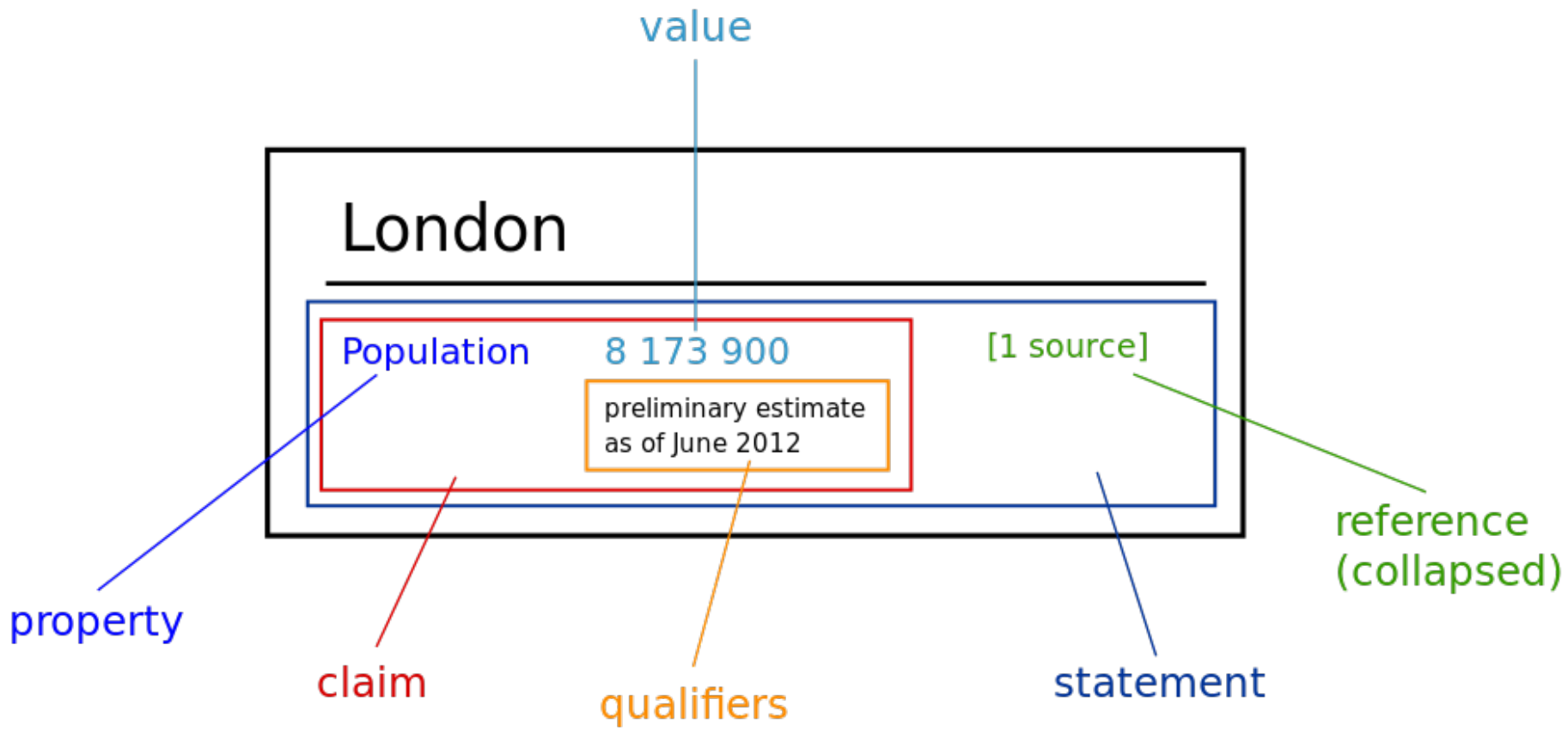
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9 April 2015

[add reference]

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The Art & Architecture Thesaurus (AAT)®

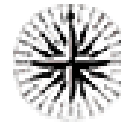
Catherine wheel or rose window?

AAT is a structured vocabulary, including terms, descriptions, and other information for generic concepts related to art, architecture, conservation, archaeology, and other cultural heritage.



The Cultural Objects Name Authority (CONA)®

Mona Lisa or La Gioconda? CONA includes titles, attributions, depicted subjects, and other information about works of art and architecture as derived from scholarly literature, museum collections, special collections, archives, libraries, and indexing projects. CONA is linked to the AAT, TGN, and ULAN.



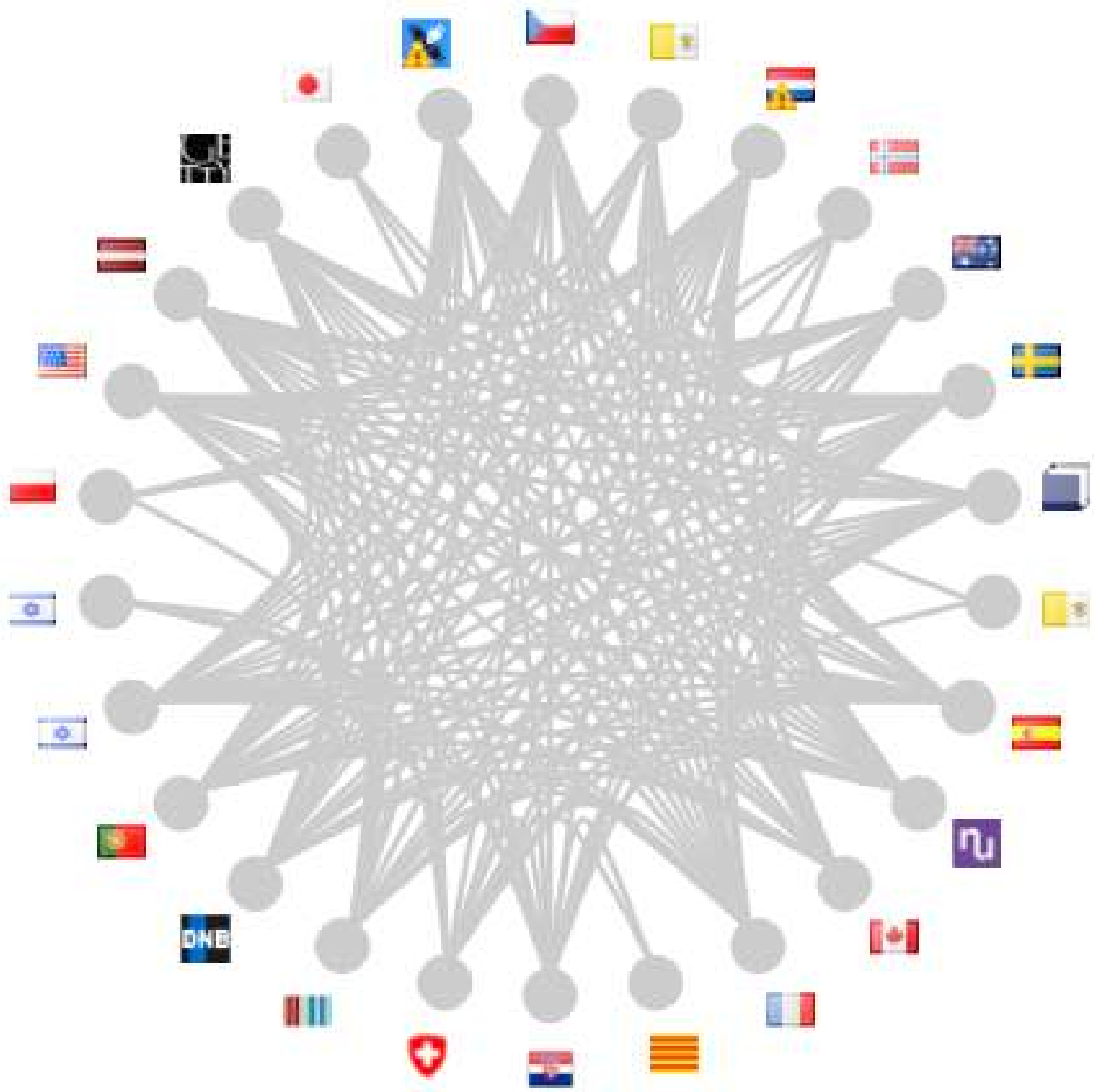
The Getty Thesaurus of Geographic Names (TGN)®

London or Londinium? TGN is a structured vocabulary, including names, descriptions, and other information for current and historical administrative places and physical features important to art and architecture.



The Union List of Artist Names (ULAN)®

Titian or Tiziano Vecellio? ULAN is a structured vocabulary, including names, biographies, related people, and other information about artists, architects, firms, studios, museums, patrons, sitters, and other people and groups involved in the creation and study of art and architecture.



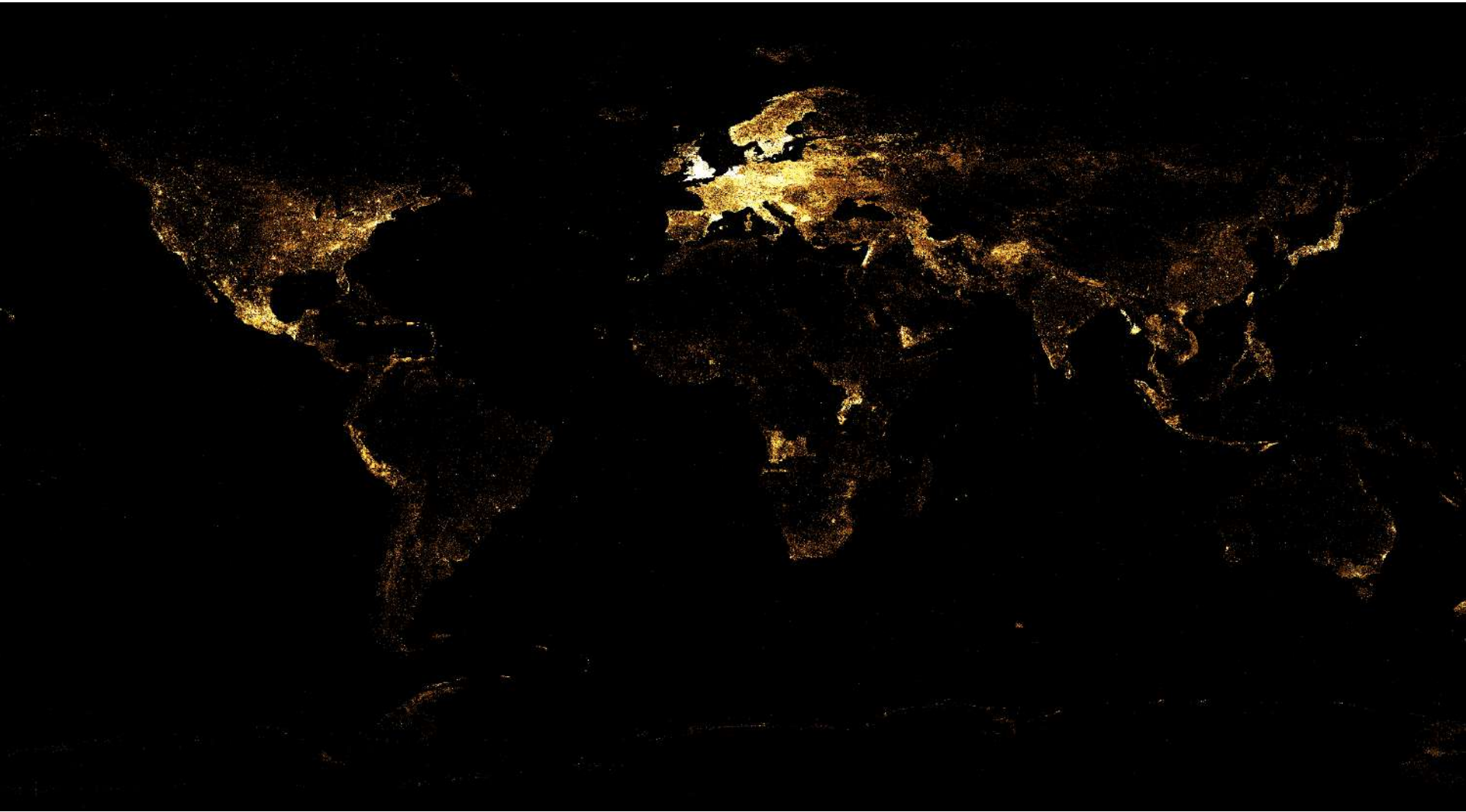


















Portrait of an elderly man, 165

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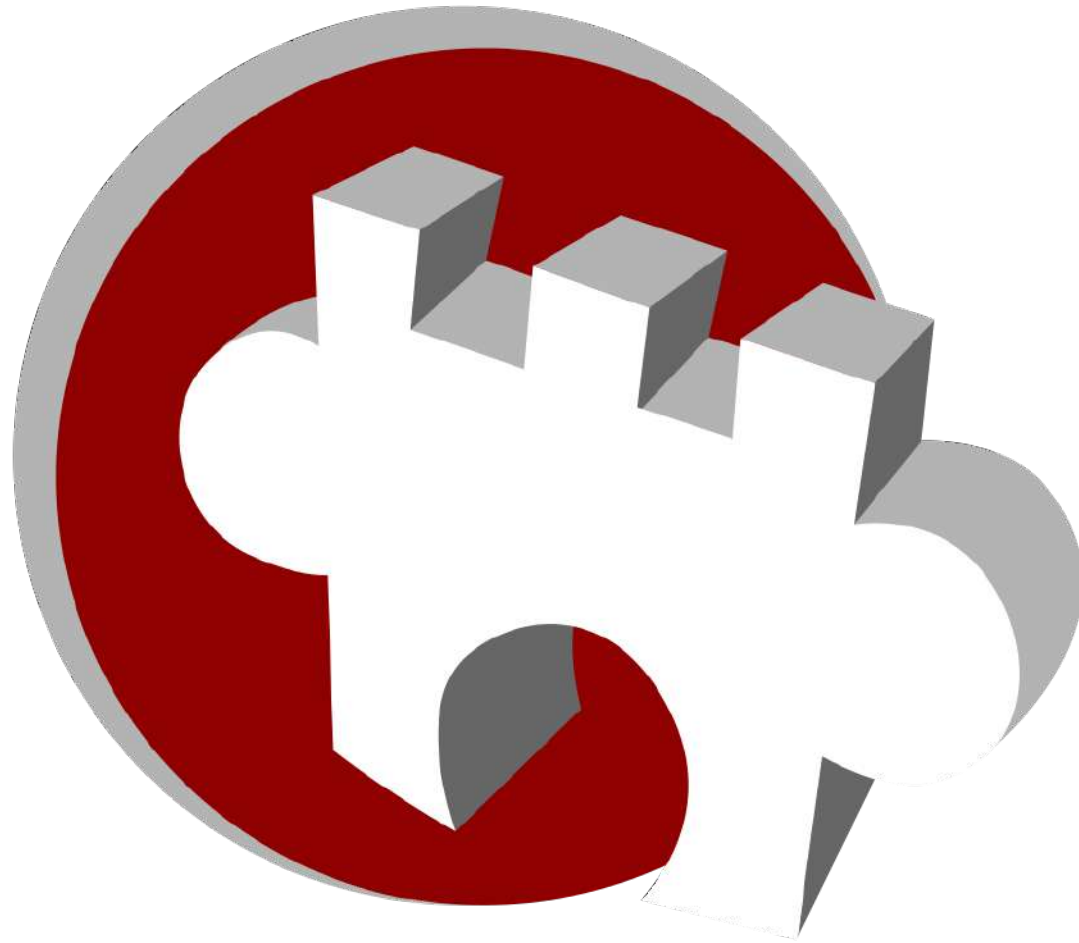
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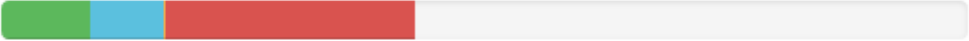
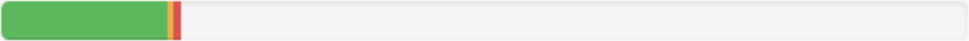
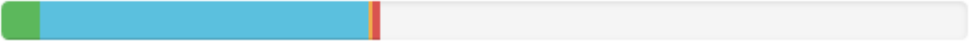
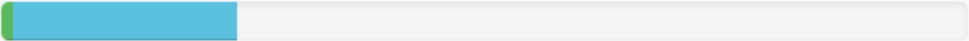


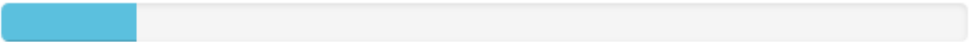
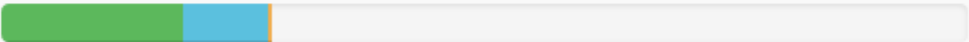
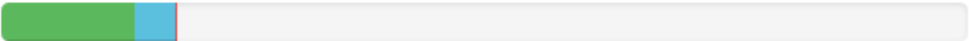





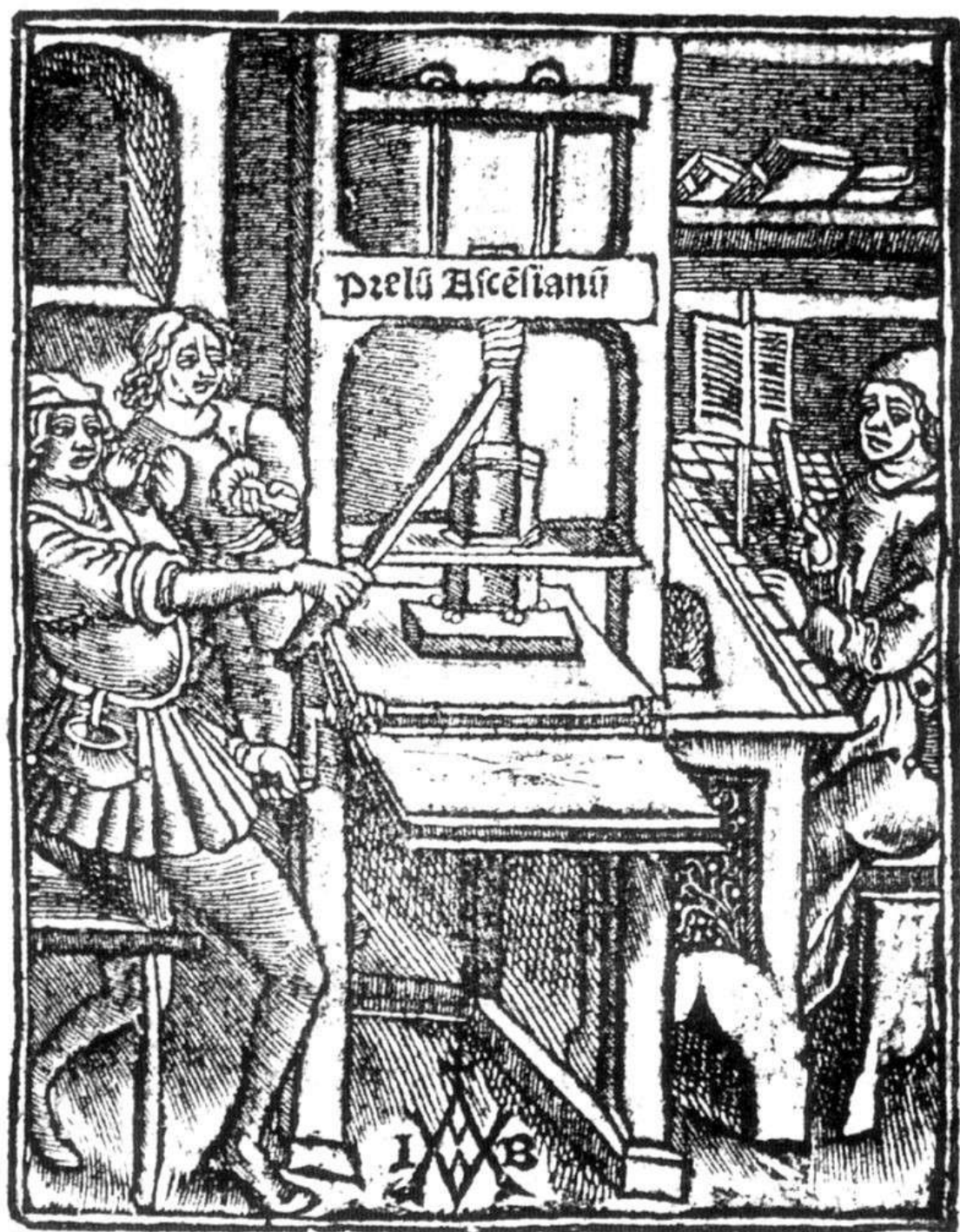
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monuments





<https://tools.wmflabs.org/mix-n-match/>

RKD artists Documentatie artist biogra...	Rijksbureau voor Kunsthistorische	
RKD images	RKS images subset	
SAAM biographies	Smithonian American Art Museum	
SBI	Slovenska biografija	
Sandart history of art and cult...	A net-based research platform on the	
Sycomore National Assembly	Sycomore database, by the French	
TGN Thesaurus of Geographic N...	Thesaurus of Geographic NamesGetty	
ULAN	Union List of Artist Names	
UNII	Unique Ingredient Identifier	
WGA database of Europea...	Web Gallery of Art: Image collection and	
Women in science duplicates, wrong entr...	Collected all over the web; watch for	
YourPaintings	BBC Your Paintings	



Prelū Ascēlianū

IXB





Question

