

# Wikidata-powered infoboxes on the Basque, Catalan and English Wikipedias

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User:Paucabot + User:Theklan

[goo.gl/At2ewp](https://goo.gl/At2ewp)

Catalan Wikipedia

# Description and goals

- Project start: december, 2014
  - Infoboxes involved: 70-75
- [Wikidata module](#) & [Map draw](#) template: [Vriullop](#)
- Few core infoboxes gather the best features and parameters from all the infoboxes with a similar topic.
    - +300 deprecated infoboxes
    - Increase number of parameters. Reduce maintenance of same concepts
  - Intense use of wikidata. Some discussion about long list, specially in mobile access.
    - Special value “noWD” to avoid to get data from WD
  - Keep same manual parameters they had.
    - The manual values have priority over the WD values.
    - Parameter name normalization and migration of articles

**PERSONA** (Ex.: polítiu-militar)

**Colin Powell**



**Secretari d'Estat dels Estats Units**  
 20 gener 2001 - 26 gener 2005  
 — Madeleine Albright - Conoïdesça Ríe —

**President de la Junta de Caps de l'Estat Major dels Estats Units**  
 1 octubre 1989 - 30 setembre 1993  
 — William J. Crowe - David E. Jeremiah —

**Conseller de Seguretat Nacional**  
 23 novembre 1987 - 20 gener 1989  
 — Frank Carlucci - Brent Scowcroft —

**Dades biogràfiques**

**Naixement**  
 Colin Luther Powell  
 5 d'abril de 1937 (80 anys)  
 Nova York

**Etnia**  
 Afroamericana

**Religió**  
 Església episcopal als Estats Units

**Alma mater**  
 City College de Nova York  
 Universitat George Washington  
 United States Army Command and General Staff College

**Activitat professional**

**Ocupació**  
 Politic i diplomàtic

**Arms/servei**  
 Exèrcit dels Estats Units  
 o'Amèrica

**Rang**  
 general

**Batalles/guerraes**  
 Guerra del Vietnam

**Altres dades**

**Partit polític**  
 Partit Republicà dels Estats Units

**Premis i reconeixements**

**Signatura**



**IMBA**

**ORGANIZACIÓ** (Ex.: Empresa en borsa)

**Deutsche Bank**




Torres bessones Deutsche Bank al districte financer de Frankfurt

**Dades base**

**Tipus entitat**  
 banc

**Sector**  
 Servei financer

**Forma jurídica**  
 Aktiengesellschaft

**Historia**

**Fundació**  
 10 març 1870

**Fundadors**  
 Ludwig Bamberger

**Cotitz.Borsa**  
 (NYSE:DB) - (FWB:DBK) - (TYO:8651)

**Organització i govern**

**seu central**  
 Deutsche Bank Twin Towers  
 Taunusanlage 12  
 Frankfurt del Main, Alemanya  
 50° 06' 50" N, 8° 40' 07" E

**Executiu en cap**  
 John Cryan

**Empleats**  
 100.000

**Es propietat de**  
 BlackRock

**Filials**  
 Deutsche Postbank  
 Deutsche Bank

**Afiliacions**  
 DAX

**Web**  
 Lloc web oficial

**Dades seu principal**

**INDRET** (Ex.: muntanya)

**Pedraforca**



**Ubicació**

**Estat**  
 Espanya

**Autonomia**  
 Catalunya

**Província**  
 província de Barcelona

**Comarca**  
 Berguedà

**Municipi**  
 Selles


**Altitud**  
 2506.4 m



La ruta no està a WD. S'oté gràcies a {{Map draw}}

**HIDROGRAFIA** (Ex.: canal)

**Boudewijnkanaal**



**Tipologia**  
 Canal navegable


**Inici**

**Estat**  
 Bèlgica

**Localització**  
 Flandes Occidental 51° 12' 21" N, 2° 12' 24" E

**Final**

**Localització**  
 Mar del Nord 51° 19' 20" N, 2° 11' 54" E



**Desguassos**  
 Mar del Nord

**Mesures i indicators**

**Longitud**  
 12 km

**Activitat**

**Data d'inauguració**  
 1907

**GEO. POLITICA** (Ex.: regió)

**Baden-Württemberg**




**Seneca de Baden-Württemberg** **estat de Baden-Württemberg**



**Palau de Ludwigsburg**

**Localització**



**Estat**  
 Alemanya

**Capital**  
 Stuttgart

**Conté**  
 Friburg [Amplia]

**Població**

**Total**  
 10.703.000 (2014)

**Densitat**  
 299,37 hab/km²

**Geografia**

**Superfície**  
 35.751,65 km²

**Altitud**  
 327 m

**Punt més alt**  
 Felsberg (1.493 m)

**Limita amb**  
 Renània-Palatinat [Amplia]

**Historia**

**Anterior**  
 Baden del Sud, Württemberg-Baden I, Württemberg-Hohenzollern

**Fundació**  
 25 abril 1952

**Organització i govern**

**Legislatiu**  
 Parlament Estatal de Baden-Württemberg

**Minister-President of Baden-Württemberg**  
 Winfried Kretschmann (2011)

**Judicial**  
 Tribunal Constitucional de l'Estat de Baden-Württemberg

**Indicadors**

**Fus horari**  
 UTC+01:00 [Amplia]

**ISO 3166-2**  
 DE-BW

**NUTS**  
 DE16

**Regió Alemanya**  
 086

**Altres dades**

**Web**  
 Lloc web oficial

**EDIFICI** (Ex.: gratacel)

**Chrysler Building**



**Dades bàsiques**

**Historia d'edificis més als del món (1920-1931)**  
 — 40 Wall Street - Empire State Building —

**Tipus**  
 gratacel

**Arquitecte**  
 William Van Alen

**Inauguració**  
 1930

**Característiques**

**Estil**  
 Art déco

**Materials utilitzats**  
 maó

**Superfície**  
 111.201 m²

**Pisos**  
 77

**Assessors**  
 32

**Ubicació**

**Estat**  
 Estats Units d'Amèrica

**Estat federat**  
 Nova York

**Metropoli**  
 Nova York

**Borough**  
 Manhattan

**Localització**  
 Lexington Avenue, 405



**Lloc d'interès de Nova York**

**Declaració**  
 12 setembre 1978

**Registre Nacional de Llocs Històrics**

**Declaració**  
 8 desembre 1976

**Registre Nacional de Llocs Històrics**

**Declaració**  
 8 desembre 1976

# Deployed

## Core

Group	infoboxes	#	Total (*)	% of cawiki
<b>1.1</b>		<b>2</b>	<b>149139</b>	26,63%
	{{infotaula persona}}	1	130094	
	{{infotaula d'organització}}	1	19045	
<b>1.2</b>		<b>4</b>	<b>159636</b>	28,51%
	{{Infotaula geografia política}}	1	104301	
	{{infotaula edifici}}	1	33242	
	{{Indret}}	1	16841	
	{{element hidrografia}}	1	5252	
<b>2.1</b>		<b>3</b>	<b>5621</b>	1,00%
	{{Infotaula de llibre}}	1	2921	
	{{Infotaula de publicacions periòdiques}}	1	2000	
	{{Infotaula lloc web}}	1	700	
<b>2.2</b>		<b>4</b>	<b>14988</b>	2,68%
	{{Infotaula pel·lícula}}	1	8814	
	{{infotaula d'obra artística}}	1	2977	
	{{Infotaula composició}}	1	2666	
	{{Infotaula arts escèniques}}	1	531	
	<b>TOTAL</b>	<b>13</b>	<b>329.384</b>	<b>58,81%</b>

## Long tail

Group	#	Total (*)	% of cawiki
astro	4	1273	
bio	4	32068	
divers	3	486	
econom	2	475	
esport	3	9477	
geo & chem	4	3412	
instr	7	1999	
media	3	2226	
music	4	2743	
physics	3	572	
politics & symbols	4	1453	
social	7	2836	
tech	3	1334	
<b>TOTAL</b>	<b>51</b>	<b>60354</b>	<b>10,7%</b>

Roadmap conversion:

[https://ca.wikipedia.org/wiki/Viquiprojecte:Adaptació\\_de\\_plantilles\\_a\\_Wikidata/infotaulas](https://ca.wikipedia.org/wiki/Viquiprojecte:Adaptació_de_plantilles_a_Wikidata/infotaulas)

(\*) figures from october, 26 2017.  
CAWIKI Articles: 560.000

# Side effects

Making infoboxes from WD is more than fill parameters with properties.

## Changes in traditional functions:

- Because we don't know the content when we call them (Convert, Ticker symbol,..)
- "Birth/death date and age" handle any format (century, BCE, etc.)

## Special formatting included in module:wikidata

- *Formatting=table* to handle multivalued properties with several qualifiers each. Ex: P39-position held
- *Gender management*. Applicable to any property of the current item. But also using the P21-gender from another item (ex: to make feminine the position of a politician)
- *GetParentValue*. Return a chain of upper hierarchical properties (taxons, administrative territorial unit, languages)

## Special solutions when "no direct" solution from WD:

- properties related with heritage (P1435 *et al.*)
- Indirect second level properties (Ex:altitude (P2044) of highest point (P610) of a territory; ribbon (P2425) of an award (P166); ...)

## Other gadgets developed because of new infoboxes

- Dynamic maps + multipoint, lines or areas. Coordinates, start-finish point & street route in territorial infoboxes
- `{{whichproperty}}`, `{{whichqualifier}}`, `{{circa}}`, ...

# Deployment

- [Extensive use](#)
- More wikidata-powered infoboxes → more info to Wikidata
- Recommended infoboxes for starting: people, chemical compounds, drugs, organisms, films and videogames
- Some of the infoboxes are very very complex

La guerra dels mons

*The War of the Worlds*

*The WAR of the WORLDS*  
By H. G. Wells  
Author of "Under the Earth," "The Time Machine," etc.



Tipus [llibre](#)

**Fitxa tècnica**

**Autor** [H.G. Wells](#)

**Llengua** [anglès](#)

**Publicació** [Regne Unit, 1898](#)

**Editorial** [Heinemann](#)

**Edicions** [Q41530078](#)

**Detalls de l'obra**

**Gènere** [novel·la de ciència-ficció i ciència-ficció](#)

**Nominacions i premis**

**Premis** [NPR Top 100 Science Fiction and Fantasy Books](#)

**Sèrie**

← [L'home invisible](#)

[The Sleeper Awakes, Edison's Conquest of Mars i Fighters from Mars](#) →

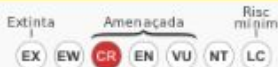


## Orangutan de Borneo

### *Pongo pygmaeus*



#### Estat



En perill greu

#### Taxonomia

Super-regne	Eukaryota
Regne	Animalia
Fílum	Chordata
Classe	Mammalia
Ordre	Primates
Família	Hominidae
Gènere	<i>Pongo</i>
Espècie	<b><i>Pongo pygmaeus</i></b>

LINNAEUS, 1760

#### Distribució



## Diamant



**Fórmula química** C  
**Epònim** Invincible

#### Classificació

**Categoria** Mineral  
**Nickel-Strunz 10a ed.** 1.CB.10a  
**Nickel-Strunz 9a ed.** 1.CB.10a  
**Nickel-Strunz 8a ed.** I/B.02  
**Dana** 1.3.6.1

#### Propietats

**Hàbit cristal·lí** Octàedre  
**Simetria** cubic-hexoctahedral  
**Grup espacial** space group 227  
**Massa molar** 12,01 grams per mol  
**Exfoliació** {111}  
**Fractura** fractura concoïdal  
**Duresa** 10  
**Color de la ratlla** blanc  
**Densitat** 3,51 i 3,515  
**Índex de refracció** 2,418  
**Estatus IMA** mineral heretat (G)

## Coreà

한국어 i 조선말

#### Parlants

Parlants 73.233.270  
nadius



#### Classificació lingüística

llengües humanes  
llengües coreanes

#### Característiques

**Sistema d'escriptura** Hangul i Hanja  
**Dialectes** dialecte de Seül, llengua jeju, Chungcheong dialect, Gyeongsang dialect, Korean language in China, Koryo-mar, Zainichi Korean language i Pyongan dialect

**Institució de normalització** Institut Nacional de Llengua Coreana

**Estudiat per** estudis coreans

#### Codis

**ISO 639-1** ko  
**ISO 639-2** kor  
**ISO 639-3** kor   
**Glottolog** kore1280   
**Linguasphere** 45-AAA-a   
**IETF** ko



Basque Wikipedia

Based on the catalan code...  
but with some extra tricks

Languages are different.  
I18n is not only translation.

# Basque is a language with declension:

The Beatle's live album

The Beatlesen zuneneko albuma

**Case = genitive | case = singular**

# What problems it solves

Small communities can't maintain templates up-to-date.

Difficulty to have a fully coherent body of templates.

Finishing the proliferation of ultra-specialized-but-very-similar templates.

Simplification of the template system.

There's no learning curve. Just insert it, and it's done\*. Easier for newbies, non-technical users, librarians, people who want to write.

# Pros and cons

- No need to learn LUA
- Easy to use, to change and maintain
- If a new property is available, we can add it with a one-minute work.
- Users want more and more templates, and are being highly used.
- We translate on the fly: inserting a template shows what is not in Wikidata.
- Can make queries on query results.
- Automated categorization possible
- Not everything is possible, data is not fully available.
- Some data is not properly formatted, and creates problems.
- Special issues are difficult to show, manual templates are more flexible for them.
- Sometimes template is inserted but labels are not being translated, showing labels in a foreign language to the reader.

# Current use

Biographies: 19.981

Films: 2.734

Buildings: 1.411

Cities: 3.784 (+ various data on other thousands of cities)

Administrative divisions: 1.142

Other templates using small amount of data from Wikidata

Daily portal



# TO DO / TO IMPROVE

- Population figures could be improved with age/sex distribution.
- Chembox is easy to get to Wikidata
- Species: difficult to make the change (not technically, except for authority)
- Astronomy data not enough

**USE IT! COPY IT! IMPROVE IT!**

<https://labur.eus/ohWTFs>

English Wikipedia

Coordinates: 90°S0°E﻿ / ﻿90°S 0°E﻿ / -90; 0

### South Pole Telescope



The South Pole Telescope in November 2009

**Alternative names** [SPT](#)

**Named after** [South Pole](#)

**Observatory** [Amundsen–Scott South Pole Station](#)

**Location(s)** [South Pole](#), Antarctic Treaty area, Antarctica

**Coordinates** [90°S 0°E](#)

**Altitude** [2.8 km \(9,200 ft\)](#)

**Built** [November 2006–February 2007](#)

**First light** [16 February 2007](#)

**Telescope style** [Cosmic microwave background experiment](#) [Gregorian telescope radio telescope](#)

**Diameter** [10.0 m \(32 ft 10 in\)](#)

**Secondary diameter** [1 m \(3 ft 3 in\)](#)

**Mass** [280 t \(280,000 kg\)](#)

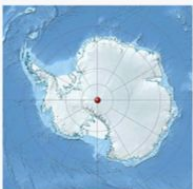
**Angular resolution** [1 minute of arc](#)

**Collecting area** [78.5 m² \(845 sq ft\)](#)

**Mounting** [altazimuth mount](#)

**Replaced** [Antarctic Submillimeter Telescope and Remote Observatory](#)

**Website** [pols.uchicago.edu](#)



Location of South Pole Telescope

[Related media on Wikimedia Commons](#)

[\[edit on Wikidata\]](#)

### Jodrell Bank Observatory



**Alternative names** [Jodrell Bank Experimental Station](#)

**Organization** [University of Manchester](#)

**Location** [Lower Withington](#), United Kingdom

**Coordinates** [53°14′10″N 2°18′26″W](#)

**Altitude** [77 m \(253 ft\)](#)

**Established** [1945](#)

**Website** [www.jodrellbank.manchester.ac.uk](#)

**Telescopes** [42ft radio telescope of Jodrell Bank Observatory](#) [7m radio telescope of Jodrell Bank Observatory](#) [Cambridge MERLIN telescope](#) [Darnhall telescope](#) [Delford telescope](#) [Knockin telescope](#) [Pickmere telescope](#) [Lovell Telescope](#) [e-MERLIN](#) [Gregorian telescope radio telescope](#) [Transit Telescope](#)



Location of Jodrell Bank Observatory

[Related media on Wikimedia Commons](#)

[\[edit on Wikidata\]](#)

### Arles, Roman and Romanesque Monuments



Ruins at the Roman theatre.

#### UNESCO World Heritage Site

**Location** [Arles, France](#)

**Coordinates** [43°40′40″N 4°37′50″E](#)

**Includes** [Forum of Arles](#) [Thermes de Constantin, Arles](#) [Alyscamps](#) [Arles Amphitheatre](#) [Church of St. Trophime](#) [Gallo-Roman theatre at Arles](#)

**Criteria** [Cultural:](#) (ii), (iv)

**Reference** [164](#)

**Inscription** [1981](#) (5th [Session](#))



Location of Arles, Roman and Romanesque Monuments

[\[edit on Wikidata\]](#)

### Emily Arnesen



Emily Arnesen prior to 1914

**Born** [14 June 1867](#)

[Christiania](#)

**Died** [13 August 1928](#)  (aged 61)

[Oslo](#)

**Alma mater** [University of Zurich](#)

**Occupation** [Zoologist](#)

**Employer** [Zoological museum, Oslo](#)

### A Bar at the Folies-Bergère



**Artist** [Édouard Manet](#)

**Year** [1882](#)

**Medium** [Oil on canvas](#)

**Dimensions** [96 cm \(38 in\) × 130 cm \(51 in\)](#)

**Location** [Courtauld Gallery, London](#), United Kingdom

**Collection** [Courtauld Gallery](#), [Courtauld Institute of Art](#)

[\[edit on Wikidata\]](#)

### The Last Supper

*Il Cenacolo or L'Ultima Cena*



**Artist** [Leonardo da Vinci](#)

**Year** [1494](#)

**Medium** [fresco-secco](#)

**Movement** [Renaissance](#)

**Subject** [Last Supper](#)

**Dimensions** [460 cm \(180 in\) × 880 cm \(350 in\)](#)

**Location** [Santa Maria delle Grazie, Milan](#), Italy

**Coordinates** [45°28′00″N 9°10′15″E](#)

**Commissioned by** [Ludovico Sforza](#)

**Website** [legraziemilano.it/il-cenacolo/](#)

[\[edit on Wikidata\]](#)

# Currently live in

~~{{Infobox Telescope}}~~ - ~~[[South Pole Telescope]]~~ - **OPT-OUT**

~~{{Infobox Observatory}}~~ - ~~[[Jodrell Bank Observatory]]~~ - **OPT-OUT**

~~{{Infobox artwork/wikidata}}~~ - **OPT-OUT**

~~{{Infobox museum/wikidata}}~~ - **OPT-OUT**

~~{{Infobox person/wikidata}}~~ - **OPT-IN**

~~{{Infobox World Heritage Site}}~~ (depending on outcome of current RfC)

... others in ~~[[Category:Infobox templates using Wikidata]]~~ (100 templates!)

~~[[Category:Articles with infoboxes completely from Wikidata]]~~ - over 1,000 articles!





# What works and what doesn't - Values

- Fetch using `{{Module:Wikidata}}` and `{{Module:WikidataIB}}` (Use:RexxS)
- `getRawValue`, `getValue`, `getPreferredValue`, etc.
- Can select qualifier values: significant event -> construction -> start/end times
- `getMediaLegend` for image captions in the local language
- Displaying values as lists with/without bullets
- Locally blacklisting/selecting values to show
- Can only fetch referenced statements (see later slide)
- Fetching properties for each value (e.g. telescope diameters in observatories)
- Complex formatting very difficult
- Redirects problematic & checking with `#ifexist` causes DAB repair problems!

# What works and what doesn't - Values with units

- Support through `{{convert}}`
- Automatically convert between metric and imperial
- Difficulties with orders of magnitude
- Might be built in to Wikidata in the future?
- Entering units on Wikidata awkward - 'foot' or 'foot'?
- 'Myanmar (MM)', '2000 (MM)' or 'millimetre (mm)'?
- Coding is not so simple (many if statements!)

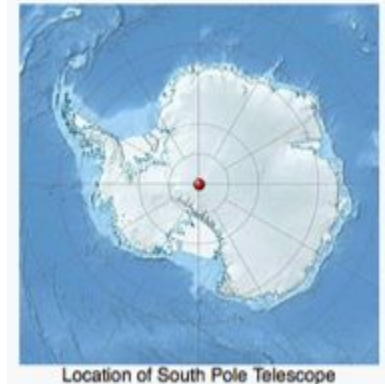


# What works and what doesn't - References

- Can restrict values fetched to those that have references (e.g. BLP)
  - (Ignoring 'Imported from Wikipedia')
- Can display 'reference url' etc. through `{{#invoke:Wd}}` (User:Thayts)
- Can display 'stated in' through `{{Cite Q}}` (User:Pigsonthewing)
- Many values on Wikidata are unreferenced
- Even if they are referenced, refs are incomplete
- 'Imported from' is useless...
- 'Stated in' <random Wikidata entry> or "wmflabs" problematic
- `refs=no` is now the default, most Wikidata values are unreferenced
- Will probably switch to only showing referenced entries soon
- English Wikipedia has too many reference styles to easily support!

# What works and what doesn't - Locations

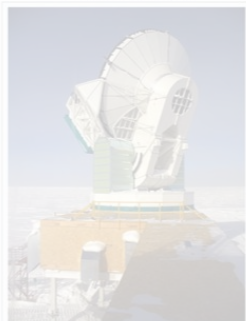
- Coordinates Inline, title, links to geohack
- {{Wikidata location}}
  - (Based on P706, P276, P131, P17, P30)
- Automatic location maps!
  - Using {{Location map}}
  - (Based on P625 and P17/P30)
- Multiple coordinates
- Multiple countries
- Mapframe / OSM map integration
- Coords locally defined outside infobox cause problems
- No astronomical coordinates on Wikidata :-)



# What are the biggest problems?

- Some enwp community members
  - Expectations that everything is perfect immediately
  - Unwillingness to help fix content problems on Wikidata - need local editing of Wikidata info
- Wider consensus on enwp
  - My roll-out work is on hold for now.
  - New RfC being drafted to run in the next few months
  - [\[\[Wikipedia:Wikidata/2017 RfC draft\]\]](#) - please have a look and edit/comment!
- Vandalism on Wikidata
  - E.g., changing country names
  - Can have a big impact, can take time to be reverted
- Sufficient referenced information on Wikidata!
  - More bot imports needed - but need to also import refs!
- Scalability (particularly in watchlists/recent changes)

### South Pole Telescope



The South Pole Telescope in November 2009

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**Named after** [South Pole](#) ↗

**Observatory** [Amundsen–Scott South Pole Station](#) ↗

**Location(s)** [South Pole](#), Antarctic Treaty area, Antarctica ↗

**Coordinates** [RCS,ICE](#) ↗

**Altitude** [2.6 km \(9,200 ft\)](#) ↗

**Built** [November 2006–February 2007](#) ↗

**First light** [16 February 2007](#) ↗

**Telescope style** [Cosmic microwave background experiment](#) ↗  
[Gregorian telescope](#) ↗  
[radio telescope](#) ↗

**Diameter** [10.0 m \(32 ft 10 in\)](#) ↗

**Secondary diameter** [1 m \(3 ft 3 in\)](#) ↗

**Mass** [280 t \(280,000 kg\)](#) ↗

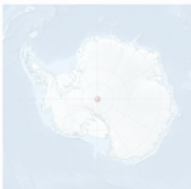
**Angular resolution** [1 minute of arc](#) ↗

**Collecting area** [78.5 m² \(846 sq ft\)](#) ↗

**Mounting** [altazimuth mount](#) ↗

**Replaced** [Antarctic Submillimeter Telescope and Remote Observatory](#) ↗

**Website** [pds.uchicago.edu](#) ↗

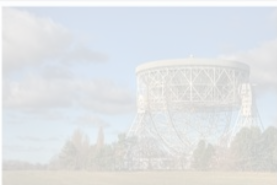


Location of South Pole Telescope

[Related media on Wikimedia Commons](#)

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[Cambridge MERLIN telescope](#) ↗  
[Darnhall telescope](#) ↗  
[Deford telescope](#) ↗  
[Knockin telescope](#) ↗  
[Pickmere telescope](#) ↗  
[Lovell Telescope](#) ↗  
[e-MERLIN](#) ↗  
[Mark II](#) ↗  
[Mark III](#) ↗  
[Transit Telescope](#) ↗



Location of Jodrell Bank Observatory

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[\[edit on Wikidata\]](#)

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Ruins at the Roman theatre.

#### UNESCO World Heritage Site

**Location** [Arles](#), France ↗

**Coordinates** [43°40′40″N 4°37′50″E](#) ↗

**Includes** [Forum of Arles](#) ↗  
[Thermes de Constantin](#) ↗  
[Alyscamps](#) ↗  
[Arles Amphitheatre](#) ↗  
[Church of St. Trophime](#) ↗  
[Gallo-Roman theatre at Arles](#) ↗

**Criteria** [Cultural](#): (ii), (iv) ↗

**Reference** [164](#) ↗

**Inscription** [1981](#) (5th [Session](#)) ↗



Location of Arles, Roman and Romanesque Monuments

[\[edit on Wikidata\]](#)

### Emily Arnesen



Emily Arnesen prior to 1914

**Born** [14 June 1867](#) ↗

[Christiania](#) ↗

**Died** [13 August 1928](#) ↗ (aged 61)

[Oslo](#) ↗

**Alma mater** [University of Zurich](#) ↗

**Occupation** [Zoologist](#) ↗

**Employer** [Zoological museum, Oslo](#) ↗

**Artist** [Édouard Manet](#) ↗

**Year** [1882](#) ↗

**Medium** [Oil on canvas](#) ↗

**Dimensions** [96 cm \(38 in\) × 130 cm \(51 in\)](#) ↗

**Location** [Courtauld Gallery](#), London, United Kingdom ↗

**Collection** [Courtauld Gallery](#), [Courtauld Institute of Art](#) ↗

[\[edit on Wikidata\]](#)

### The Last Supper

*Il Cenacolo or L'Ultima Cena*



**Artist** [Leonardo da Vinci](#) ↗

**Year** [1494](#) ↗

**Medium** [fresco-secco](#) ↗

**Movement** [Renaissance](#) ↗

**Subject** [Last Supper](#) ↗

**Dimensions** [460 cm \(180 in\) × 880 cm \(350 in\)](#) ↗

**Location** [Santa Maria delle Grazie](#), Milan, Italy ↗

**Coordinates** [45°28′00″N 9°10′15″E](#) ↗

**Commissioned by** [Ludovico Sforza](#) ↗

**Website** [loggiemilano.it/il-cenacolo/](#) ↗

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# Questions?