

Structured Data on Commons: Fall 2018 Update

https://commons.wikimedia.org/wiki/Commons:Structured_data



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Multilingual File Captions



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Captions are short, translatable descriptions of a file

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Skyline photo: [Pamjunipero](#) / [Wikimedia Commons](#) / [CC-BY-SA 4.0](#)



File: [Downtown Seattle sunset.jpg](#)

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Size of this preview: 800 × 600 pixels. Other resolutions: 320 × 240 pixels | 640 × 480 pixels | 1,024 × 768 pixels | 1,280 × 960 pixels | 4,032 × 3,024 pixels.

This file has annotations. Move the mouse pointer over the image to see them.

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[Original file](#) (4,032 × 3,024 pixels, file size: 2.44 MB, MIME type: image/jpeg); ([request rotation](#)); ZoomViewer: [flashho flash](#)

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Media info

Multilingual captions [✎](#)

English Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle sky

[See more languages](#)

Summary [\[edit \]](#)

Description	English: Sunset view of Mt. Rainier from Smith Tower
Date	23 October 2017, 18:04:29

Descriptions can be any length, and can contain links

Description

Español: Vista de la [Basílica de Nuestra Señora de Licheń](#), situada en la pequeña población de Licheń Stary, cerca de [Konin](#), [Voivodato de Gran Polonia](#), Polonia. La basílica, diseñada por [Barbara Bielecka](#), fue construida entre 1994 y 2005. Con una nave centra de 120 metros de longitud, 77 m de anchura y 98 m de altura, así como una torre de 141,5 m de altura, es la iglesia de mayor tamaño en Polonia y una de las mayores del mundo.

English: View at dusk of the [Basilica of Our Lady of Sorrows](#), Queen of Poland, located in the village of [Licheń Stary](#), near [Konin](#), [Greater Poland Voivodeship](#), [Poland](#). The basilica, designed by [Barbara Bielecka](#) was built between 1994 and 2004. With a 120 metres (390 ft) long and 77 metres (253 ft) wide nave, a 98 metres (322 ft) high central dome, and a 141.5 metres (464 ft) high tower, it is Poland's largest church and one of the [largest churches in the world](#).

Polski: Widok o zmierzchu na [bazylikę Najświętszej Maryi Panny Licheńskiej](#) w [Licheniu Starym](#) koło [Konina](#), w [województwie wielkopolskim](#), w [Polsce](#). Bazylikę zaprojektowaną przez [Barbarę Bielecką](#) zbudowano w latach 1994–2004. [Nawa główna](#) o długości 120 m i szerokości 77 m, [kopała](#) o wysokości 103,5 m oraz [wieża](#) o wysokości 141,5 m czynią ją największym kościołem w Polsce i jednym z największych na świecie.

Credit: [Wikimedia Commons](#) / [CC-BY-SA 3.0](#)

Captions are character limited and do not contain links

Multilingual captions



English Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle sky

▼ [See more languages](#)

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Captions are easy to translate

Multilingual captions

English

Seattle skyline view from Smith Tower with Mount Rainier in background at sunset

French



Vue sur la skyline de Seattle

[+ Add a caption](#)

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You can expand and collapse available languages

Multilingual captions



English Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle sky

French Vue sur la skyline de Seattle depuis la tour Smith avec le mont Rainier en arrière-plan au coucher du soleil Vue sur la skyline de Seattle depuis la tour Smith avec le mont Rainier en arrière-plan au coucher du soleil Vue sur la skyline de Seattle depuis

Spanish Vista del horizonte de Seattle desde Smith Tower con el Monte Rainier en segundo plano al atardecer Vista del horizonte de Seattle desde Smith Tower con el Monte Rainier en segundo plano al atardecer Vista del horizonte de Seattle desde Smith Tower con el

German Seattle-Skylineansicht von Smith Tower mit dem Mount Rainier im Hintergrund bei Sonnenuntergang. Seattle-Skylineansicht von Smith Tower mit dem Mount Rainier im Hintergrund bei Sonnenuntergang. Seattle-Skylineansicht von Smith Tower mit dem Mount Rainier

[^ See fewer languages](#)

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Any user can edit, admins can delete.

Multilingual captions

English



Seattle skyline view from Smith Tower with Mount Rainier in background at sunset Seattle skyline view from Smith Tower



French



Vue sur la skyline de Seattle depuis la tour Smith avec le mont Rainier en arrière-plan au coucher du soleil Vue sur la skyline de Seattle depuis la tour Smith avec le mont Rainier en arrière-plan au coucher du soleil Vue sur la skyline de Seattle depuis a tour



Spanish



Vista del horizonte de Seattle desde Smith Tower con el Monte Rainier en segundo plano al atardecer Vista del horizonte de Seattle desde Smith Tower con el Monte Rainier en segundo plano al atardecer Vista del horizonte de Seattle desde Smith Tower con el Monte Rainier



Italian



Vista dell'orizzonte di Seattle da Smith Tower con il monte Rainier nella priorità bassa al tramonto Vista dell'orizzonte di Seattle da Smith Tower con il monte Rainier nella priorità bassa al tramonto Vista dell'orizzonte di Seattle da Smith Tower con il monte Rainier



+ Add a caption

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Publish changes

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Captions challenges

- Making translations as easy as possible: accommodating the workflow without cluttering design
- Clarifying the use-case and difference between descriptions and captions
- Overall placement and page design: first "major" new feature in the file page in a long while[citation needed]

Depicts and usage rights



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Structured fields live below existing templates.

Mockup: [Pam Drouin / Wikimedia Commons / CC-BY-SA 4.0 / GFDL](#)
Camel: [Walters Art Museum / Wikimedia Commons / CC-BY-SA 3.0 / GFDL](#)



Chinese - Camel - Walters 492383 - Profile.jpg



This double-humped camel with tiger-faced saddlebag raises its head and bares its teeth.

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Search to add value from Wikidata

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- Usage justification — public domain [\[Add\]](#) [\[Edit\]](#)
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camel [\[Add\]](#) [\[Edit\]](#)

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- Obligations — attribution, share alike
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- Author — Shachar822

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- Obligations — attribution, share alike
- Usage justification — CC0
- Author — Walters Art Museum
- Attribution text — Walters Art Museum
- Attribution link — http://www.walters.org

Statements are broken up into sections

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depicts P180 • Edit

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statuette Q9351 • Make primary

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- Usage jurisdiction — United States of America

camel Q7375 • Make primary

usage rights P### • Edit

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- Obligations — attribution, share alike
- Usage justification — OTRS
- Author — Shacho0822

Creative Commons Attribution-Share Alike 3.0 Unported Q##### • Make primary

- Obligations — attribution, share alike
- Usage justification — OTRS
- Author — Walters Art Museum
- Attribution text — Walters Art Museum
- Attribution link — http://thewalters.org

Statements challenges

- "Good coverage" in depicts tagging: the traditional Commons category system is conservative in defining its tree, and the Wikidata concept tree varies widely so we can't use that in most cases. Depicts statements for media files need to be liberal in order for search to find them using either very specific OR very broad terms. For example, an image of a German Shepherd dog would need to be tagged with "dog" as well as "German Shepherd".
- Allowing users to define "top level" depicts topics (and maybe usage rights?), a secondary feature of "make primary". It's difficult to design a system that guides people to put things in the right place in a consistent way.
- Design. Design, design, design. How to build workflows, prevent page clutter, integrate Wikidata with the context of Commons, and so many more.


Searching with structured data



A screenshot of a search interface. At the top is a search bar with a vertical cursor on the left. To the right of the search bar is a dropdown menu showing 'Multimedia' with a downward arrow and a blue search button with a magnifying glass icon. Below the search bar are three tabs: 'Keywords' (which is selected and has a blue underline), 'Depicts', and 'Other statements'.

Screenshot: Keegan Peterzell / [MediaWiki](#) / [GFDL](#)

Keyword search

cat Multimedia 

Keywords **Depicts** **Other statements**

house cat (*cat*)
domesticated species of feline

Category:Mammals
Wikimedia category


Category:Clothing
Wikimedia category

Category:Felids
Wikimedia category

Category:Carnivora
Wikimedia category

Screenshot: Keegan Peterzell / [MediaWiki](#) / [GFDL](#)

Depicts search

cat| Multimedia 

Keywords **Depicts** Other statements

house cat (*cat*)
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Category:Mammals
Wikimedia category

Category:Clothing
Wikimedia category

Category:Felids
Wikimedia category

Category:Carnivora
Wikimedia category

Screenshot: Keegan Peterzell / [MediaWiki](#) / [GFDL](#)

Other statements search

Read View source View history Multimedia

Statements search

Find multimedia files by type, creator, depiction and more.

<input type="button" value="X"/>	Media type <input type="button" value="v"/>	Operator <input type="button" value="v"/>	<input type="text"/>
<input type="button" value="X"/>	Qualifier <input type="button" value="v"/>	Operator <input type="button" value="v"/>	<input type="text"/>
<input type="button" value="+"/>	Add new statement		

- Media type
- Creator
- Depicts
- Genre

Screenshot: Keegan Peterzell / [MediaWiki](#) / [GFDL](#)

Search challenges

- Inventing a new interface for searching not only keywords, but also depicts statements and other statements...
- ...and doing so within the confines of the search box methodology.
- Making sure that the data we need is properly indexed and capable of handling searches in a timely manner.
- Adding relevant data from things that *are* depicted *and* have Q items on Wikidata.



What's left?

- Attribution generation
- Support additional statements
- Editing Wikidata through Commons
- Advanced search
- Annotations

How can you help?

- Stay informed
 - Newsletter delivery
 - Newsletter notification
- Get involved
 - Structured data working group
 - IRC office hours
 - On-wiki discussions