



# Structured Data on Wikimedia Commons

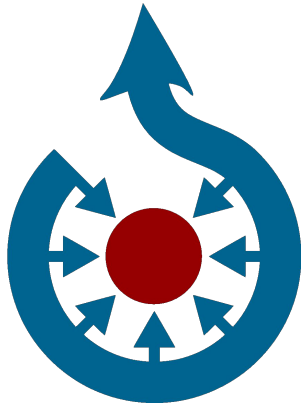
Workshop, WikidataCon 2019

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# Structured Data on Commons

## 2017-2019

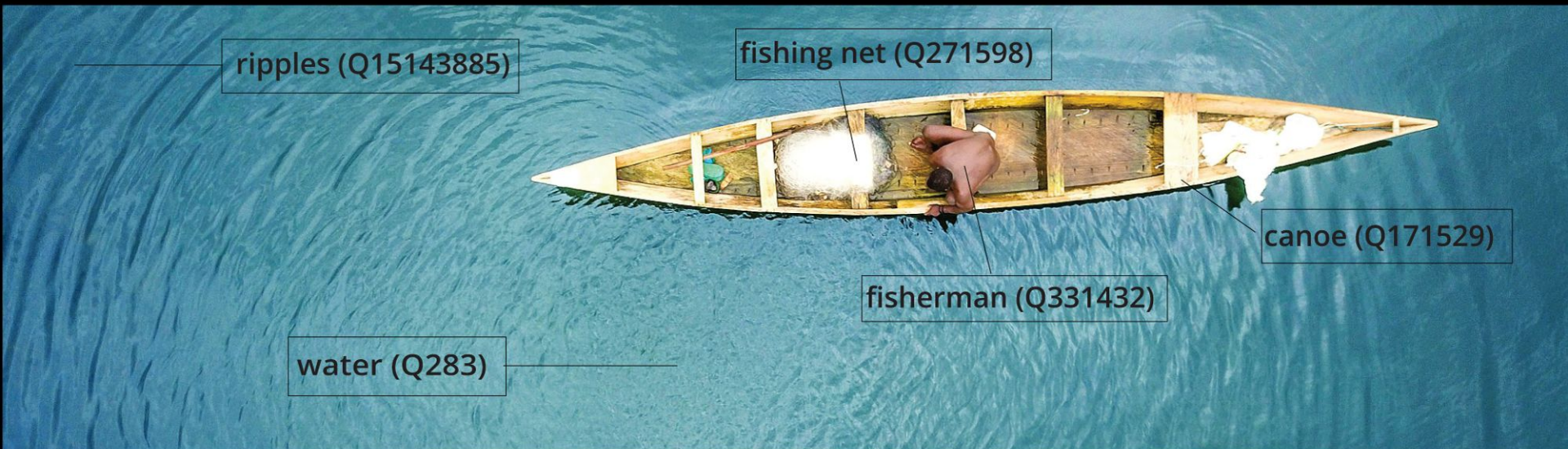


adding metadata on Commons  
in a **structured, multilingual**  
& **machine-readable** format

making Commons files easier to  
**view, search, edit, organize** and **re-use**

# Describing media files with Wikidata...

Depicts (P180)



# ... so that they can be found in many more languages!

## Depicts (P180)



net (Q271598)

canoe (Q171529)

fisherman (Q331432)

معلومات الملف

البيانات الهيكلية

عدل

العناصر المصورة في هذا الملف

يصور

من ويكي بيانات

بحث لإضافة عناصر (قطة منزلية، جبل، تاج محل، إلخ)

التعليم كبارز

صيد سمك

التعليم كبارز

نهر فولتا

التعليم كبارز

capillary wave / الإنجليزية

التعليم كبارز

ماء

التعليم كبارز

قارب الكانو

التعليم كبارز

شبكة صيد السمك

**This is not meant to  
replace  
templates and categories!**  
Eventual replacement is  
a community decision.

Commons:Structured data - W X +

https://commons.wikimedia.org/wiki/Commons:Structured\_data

Not logged in Talk Contributions Create account Log in

Project page Discussion View Edit History Search Wikimedia Commons

## Commons:Structured data

From Wikimedia Commons, the free media repository Shortcut: COM:SDC

[Translate this page](#)

[Structured Commons](#) [About](#) [Get involved](#) [GLAM](#) [Development](#) [Discussion](#)

The project **Structured Data on Wikimedia Commons** (2017–19) converts the free media files on Wikimedia Commons to a structured and machine-readable format, so that they become easier to view, search, edit, organize and re-use. To achieve that, the Commons backend is migrated to [Wikibase](#), the same technology as used for [Wikidata](#).

**Other languages:** [Deutsch](#) • [English](#) • [Türkçe](#) • [dansk](#) • [español](#) • [euskará](#) • [français](#) • [galego](#) • [italiano](#) • [polski](#) • [português do Brasil](#) • [čeština](#) • [беларуская \(тарашкевіца\)](#) • [русский](#) • [српски / srpski](#) • [українська](#) • [العربية](#) • [বাংলা](#) • [中文](#) • [日本語](#)

### Latest updates

**New features:**

- It is now possible to add multilingual captions and Depicts statements to files on Wikimedia Commons.
- See [Commons:File captions](#) and [Commons:Depicts](#) for documentation. This documentation is work in progress, and your help is welcome.

**Other updates:**

- [GLAM pilot projects](#) are in progress.
- How should structured data about Commons files be modeled? Input is collected in this [table for Wikidata properties](#). Some already exist, some still need creating.
- Help collect interesting Commons files, as input for the data modelling process! Continuous input is welcome.
- There is a [Structured Commons community focus group](#), for Commons and Wikidata contributors

Enter search term

### Stay up-to-date:

- [Subscribe to the newsletter](#)
- [Previous newsletter editions](#)
- Read the log of the last IRC office hour, which took place [Thursday 18 July 2019](#).
- Ask questions to the team in the next IRC office hour: to be announced in [#wikimedia-office](#) [webchat](#)

### How you can help:

[Get involved](#)

In Wikipedia [Add links](#)

<https://w.wiki/UR>

# Structured data is CC0.

Files are available under licenses specified on their description page. [All structured data from the file and property namespaces is available under the Creative Commons CC0 License](#); all unstructured text is available under the [Creative Commons Attribution-ShareAlike License](#); additional terms may apply. By using this site, you agree to the [Terms of Use](#) and the [Privacy Policy](#).

# What's **new** on Commons? <https://w.wiki/UR>

- Multilingual **file captions**
- **Depicts** statements with **Qualifiers**
- **Other statements** than Depicts

Add via file pages,  
UploadWizard, API



# A simple example



Moulay El Yazid Mosque in Marrakech,

Pitchoon76, CC BY-SA 4.0

# Structured data tab:



File information

Structured data

File: Moulay El Yazid Mosque in Marrakech.jpg

From Wikimedia Commons, the free media repository

File File history File usage on Commons File usage on other wikis Metadata

Size of this preview: 450 × 600 pixels. Other resolutions: 180 × 240 pixels | 360 × 480 pixels | 576 × 768 pixels | 768 × 1,024 pixels | 1,212 × 2,816 pixels.

Original file (2,112 × 2,816 pixels, file size: 1.43 MB, MIME type: image/jpeg); ZoomViewer: flash/no flash

Open in Media Viewer

File information Structured data

Captions

English Add a one-line explanation of what this file represents

Summary

[https://upload.wikimedia.org/wikipedia/commons/6/6d/Moulay\\_El\\_Yazid\\_Mosque\\_in\\_Marrakech.jpg](https://upload.wikimedia.org/wikipedia/commons/6/6d/Moulay_El_Yazid_Mosque_in_Marrakech.jpg)



# 1. Multilingual captions

File information

Structured data

## Captions

Edit

English

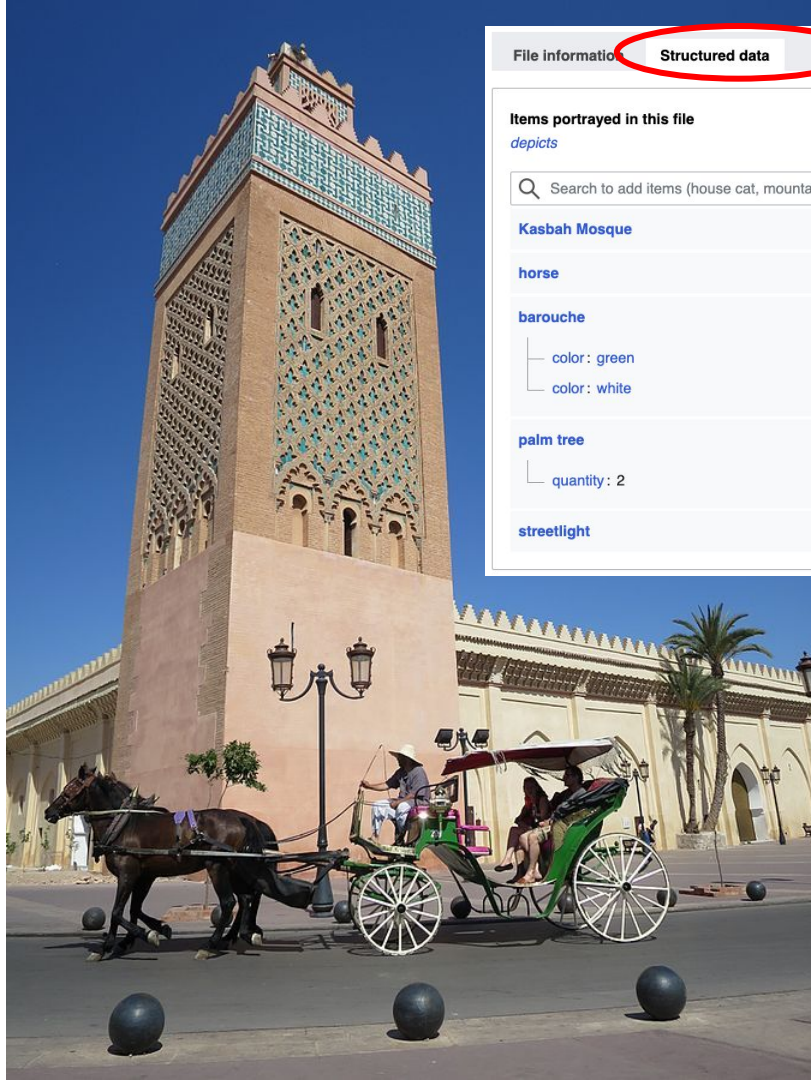
A horse-drawn carriage in front of the Moulay El Yazid Mosque in Marrakech, Morocco

Nederlands

Een koets met paard voor de Moskee van de Kasbah in Marrakesh, Marokko

- Short description of what you see in the file
- Text only (no links or wiki markup)
- Becomes part of the search index

[https://commons.wikimedia.org/wiki/Commons:File\\_captions](https://commons.wikimedia.org/wiki/Commons:File_captions)



File information **Structured data**

Items portrayed in this file Edit

*depicts*

Search to add items (house cat, mountain, Taj Mahal, etc.) from Wikidata

<b>Kasbah Mosque</b>	✓ Prominent
<b>horse</b>	Mark as prominent
<b>barouche</b>	✓ Prominent
└ color: green	
└ color: white	
<b>palm tree</b>	Mark as prominent
└ quantity: 2	
<b>streetlight</b>	Mark as prominent

## 2. Depicts

- You are using Wikidata items here :-)
- What is shown in the file?
- You can mark things as prominent
- And add qualifiers

<https://commons.wikimedia.org/wiki/Commons:Depicts>

Moulay El Yazid Mosque in Marrakech,

Pitchoon76, CC BY-SA 4.0

# 3. Other statements

**Commons quality assessment** Edit

from Wikidata

**Wikimedia Commons quality image** Mark as prominent

---

**copyright status** Edit

from Wikidata

**copyrighted** Mark as prominent

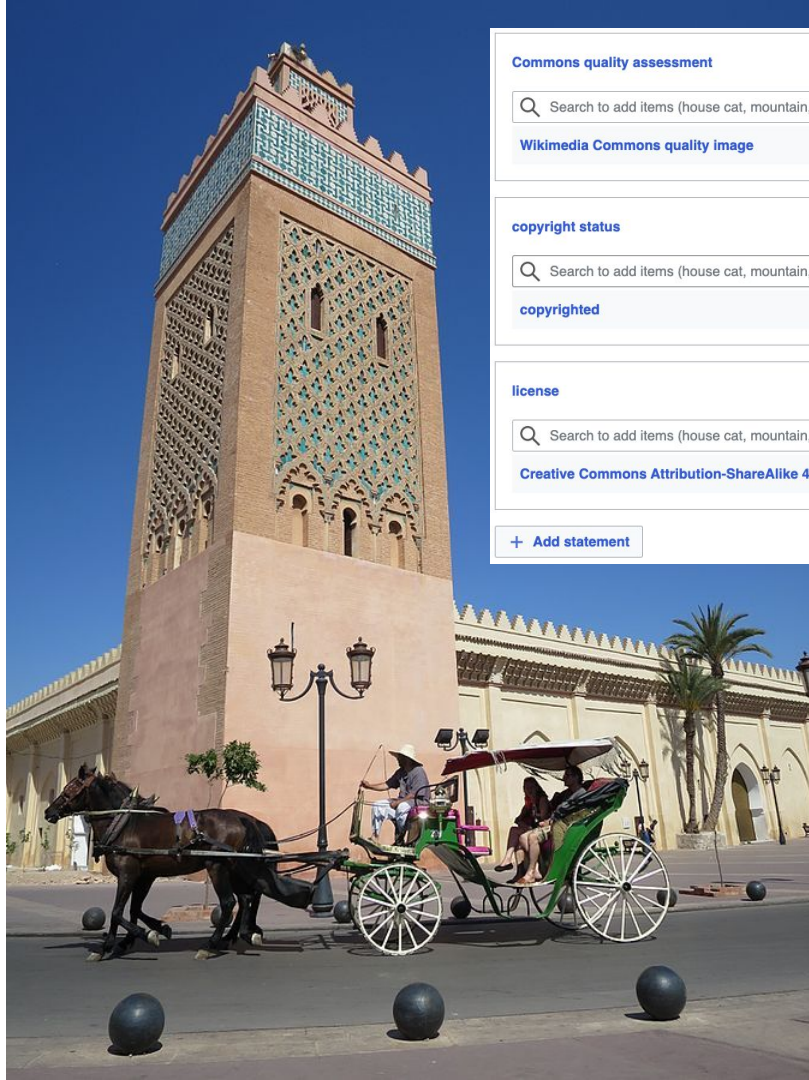
---

**license** Edit

from Wikidata

**Creative Commons Attribution-ShareAlike 4.0 International** Mark as prominent

[+ Add statement](#)



- Various other things you can say about a file
- You use Wikidata properties and statements here :-)

<https://commons.wikimedia.org/wiki/Commons:Statements>

Moulay El Yazid Mosque in Marrakech,

Pitchoon76, CC BY-SA 4.0

# Multilinguality

معلومات الملف البيانات الهيكلية

عدل

العناصر المصورة في هذا الملف

يصور

من ويكي بيانات بحث لإضافة عناصر (قطة منزلية، جبل، تاج محل، إلخ)

بارز ✓

مسجد القصبية

بارز ✓

barouche الإنجليزية

اللون: أخضر

اللون: أبيض

التعليم كبارز

palm tree الإنجليزية

الكمية: ٢

التعليم كبارز

إشارة الشوارع

عدل

رخصة

من ويكي بيانات بحث لإضافة عناصر (قطة منزلية، جبل، تاج محل، إلخ)

التعليم كبارز رخصة المشاع الإبداعي: النسبة-الترخيص بالمثل 4.0

عدل

تقييم جودة صورة ويكيبيديا

من ويكي بيانات بحث لإضافة عناصر (قطة منزلية، جبل، تاج محل، إلخ)

التعليم كبارز [Wikimedia Commons quality image](#) الإنجليزية

عدل

حالة حقوق الطبع والنشر

من ويكي بيانات بحث لإضافة عناصر (قطة منزلية، جبل، تاج محل، إلخ)

التعليم كبارز [copyrighted](#) الإنجليزية

Wikidata is the key here!

You can help by adding more multilingual labels and descriptions to Wikidata items.

# Search results

 Help

   **Search**

Results 1 – 20 of 26

Advanced search:  

Search in:            



[File:Moulay El Yazid Mosque in Marrakech.jpg](#)

I, the copyright holder of this work, hereby publish it under the following license: English A horse-drawn carriage in front of the Moulay El Yazid Mosque

(2,112 × 2,816 (1.43 MB)) - 09:01, 4 October 2019



[File:Storks \(2243126724\).jpg](#)

English

(3,456 × 2,304 (2.97 MB)) - 04:42, 4 October 2019



[File:Marrakech kasbah \(870731522\).jpg](#)

15 April 2014 English

(492 × 426 (86 KB)) - 04:10, 4 October 2019

Searching (October 2019). All files with Depicts statements: <https://w.wiki/4Qh>

# What's next?

- **More datatypes**
  - URL
  - geo coordinate
  - time/date
  - identifier
  - ...
- **SPARQL querying**
- **Lua support** (under review)
- **Machine vision** (AI-based suggestions for Depicts)



# New tools to work with SDC more easily



# ISA

by Wiki In Africa, Eugene Egbe, and Histropedia  
Add Depicts statements to files in an easy  
and fun way

(you can do small competitions too)

<https://commons.wikimedia.org/wiki/>

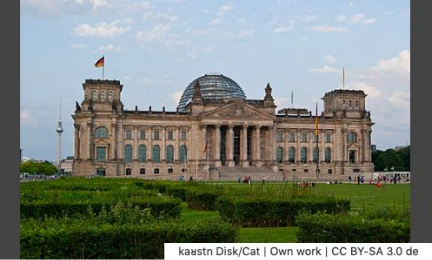
Commons:ISA\_Tool

# Participate in the WikidataCon ISA Challenge!

[https://www.wikidata.org/wiki/Wikidata:  
WikidataCon\\_2019/Program/ISA\\_Challenge](https://www.wikidata.org/wiki/Wikidata:WikidataCon_2019/Program/ISA_Challenge)

ISA Home Campaigns + Create New Help en SandraF (WMF) Logout

WikidataCon 2019: Images of Berlin: Home Page





kaastn Disk/Cat | Own work | CC BY-SA 3.0 de


**File:** Berlin, Reichstagsgebäude, 2012-06 CN-02.jpg  
**Description:** This is a photograph of an architectural monument. It is on the list of cultural monuments of Berlin, no. 09050341  
**Categories:** FAL | Images from Wiki Loves Monuments 2013 | Images from Wiki Loves Monuments 2013, DE-BE | Images from Wiki Loves Monuments 2013 in Germ...  
**Camera Location:** (unknown)

[show all metadata from commons](#)

**Depicts** [?](#) Cancel Save

Name the different elements that you can see in this image

**Reichstag building** [Q151897](#)  

To mark the prominent elements in the image, click on the flag icon 

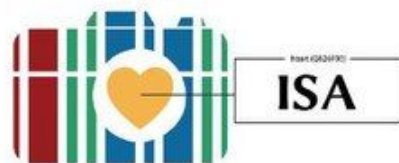
# Introducing ... the ISA game

Play to add information, descriptions or details to images on Wikimedia Commons

ISA is a fun game aimed at enhancing the metadata of images that have been contributed to Wikimedia Commons via the various Wiki Loves competitions. It is a pilot project for **Structured Data on Commons**.

To celebrate 5 years of **Wiki Loves Africa**, ISA was built to describe in detail all visual aspects of images that have been contributed to the Wiki Loves Africa contests. It has been specifically modelled to be useful to *all* of the Wiki Loves X competitions, and beyond. The tool is aimed to increase the usefulness of **Wiki Loves X** images to illustrate concepts across the Wikimedia projects.

ISA is both an acronym for *Information Structured Acceleration*, and a chiShona language word for 'put' or 'place'.



campaign page



participation page



Scan the qr code to check out ISA on toolforge:  
<http://bit.ly/PlayISA>



Wiki Loves X Organisers ... scan to create your own WLX campaign:  
<http://bit.ly/CreateISA>



A collaboration between Wiki In Africa, Histropedia and Structured Data on Commons.

# SDC

by Magnus Manske

Add Depicts statements to files in a  
category

(works like Cat-a-lot)

[https://commons.wikimedia.org/wiki/  
User:Magnus\\_Manske/sdc\\_tool.js](https://commons.wikimedia.org/wiki/User:Magnus_Manske/sdc_tool.js)

# Media in category "Kasbah Mosque, Marrakech"



The following 26 files are in this category, out of 26 total.



0075 KOUTOUBIA  
Moschee, Marrakesch  
(37320464386).jpg  
600 × 900; 145 KB



0083 KOUTOUBIA  
Moschee, Marrakesch  
(37320464046).jpg  
600 × 900; 163 KB



0084 KOUTOUBIA  
Moschee, Marrakesch  
(37111436170).jpg  
1,400 × 933; 308 KB



Das Minarett der  
Kasbah-Moschee,  
Marrakesch -  
panoramio.jpg  
1,927 × 2,692; 577 KB



Kasbah Mosque



Kasbah Mosque  
1114.jpg



Marrakech kasbah  
(870731522).jpg



Marrakesch kasbah  
moschee.jpg

## Kasbah Mosque [\[Hide\]](#)

building in Morocco



[Upload media](#)

[Wikipedia](#)

**Instance of** mosque

**Location** Marrakesh,  
Marrakesh  
(Prefecture),  
Marrakesh-Safi,  
Morocco

**Located at** 23, rue de la

street and

SDC

**Commis**

All

Toggle

None

Property

depicts [P180]

Target item: [Q48743119]  
Kasbah Mosque

Set target item

Prominent

Set P180 to Q48743119

Cat-a-lot

# AC/DC

by Lucas Werkmeister

Add (the same) structured data to  
many files at once

(for instance a category)

[https://commons.wikimedia.org/wiki/  
Help:Gadget-ACDC](https://commons.wikimedia.org/wiki/Help:Gadget-ACDC)



AC/DC

Publish changes

File:Marrakesh Kasbah Mosque minaret 2.jpg X

File:Marrakesh Kasbah Mosque prayer hall.jpg X

File:Marrakesh Kasbah Mosque stucco decoration.jpg X

File:Marrakesh Kasbah Mosque view from roof level.jpg X

File:Marrakesh Kasbah Mosque view to courtyard.jpg X

File:Masjid-al-Mansur (Kasbah-Moschee), Marrakesch - panoramio.jpg X

File:Mezquita Mulay Al Yazid 01.JPG X File:Mezquita Mulay Al Yazid 02.JPG X

File:Mezquita Mulay Al Yazid 03.JPG X File:Mezquita Mulay Al Yazid 04.JPG X

File:Mosque El Mansour – Marrakesh - 01.jpg X File:Mosque El Mansour – Marrakesh - 03.jpg X

File:Mosque El Mansour – Marrakesh -02.jpg X File:Mosque Moulay Al Yazid. - panoramio.jpg X

File:Moulay El Yazid Mosque in Marrakech.jpg X File:Storks (2243126724).jpg X

File:Tower of mosque, Marrakech, Morocco.JPG X

File:Example.png | File:Example.jpg



## Statements to add

### location



Search to add items (house cat, mountain, Taj Mahal, etc.)

from Wikidata

Marrakesh

Mark as prominent



Add qualifier

Location Marrakesh, Marrakesh (Prefecture), Marrakesh-Safi, Morocco

Located at 23, rue de la Kasbah

Commissioned by Abu Yusuf Yaqub al-Mansur



31° 37′ 03.64″ N7° 59′ 20.21″ W

Authority control [\[Hide\]](#)

Q48743119

[Donator](#) · [Scholia](#) · [Statistics](#) · [WikiShootMe](#)

SDC

Cat-a-lot



# **Batch uploads and edits?**

Pattypan, OpenRefine and  
QuickStatements don't support  
SDC (well) yet

# **PetScan to QuickStatements**

by Magnus Manske

Search for a list of files via PetScan.

You can add structured data statements there, which will direct you

to QuickStatements

<https://petscan.wmflabs.org/>

# 16 results

Welcome, Spinster!

Check all

Uncheck all

Toggle all

P180:Q520049

Start QS

Titles

Thumbnails

#	Title	Page ID	Namespace	Size (bytes)	Last change
<input checked="" type="checkbox"/>	1 <a href="#">Sharpening Steel.jpg</a>	120043	File	345	20181224171941
<input checked="" type="checkbox"/>	2 <a href="#">Shtul.jpg</a>	2069394	File	165	20181224203838
<input checked="" type="checkbox"/>	3 <a href="#">Chaira01.jpg</a>	4393070	File	409	20190523230624
<input checked="" type="checkbox"/>	4 <a href="#">Sharpening steel.jpeg</a>	7817963	File	307	20190916171954
<input checked="" type="checkbox"/>	5 <a href="#">US Navy 031204-N-17111-001 Mess Management Specialist 3rd Class Benjamin AlmodovarPacheco from Ceiba, Puerto Rico, watches carefully as culinary arts instructor Chef Sam Glass trains him on the best way to sharpen a butcher's.jpg</a>	8202598	File	1024	20191019122614
<input checked="" type="checkbox"/>	6 <a href="#">Schlachter.jpg</a>	11059431	File	1057	20191017180237
<input checked="" type="checkbox"/>	7 <a href="#">Filleting-01.jpg</a>	18561347	File	922	20191018151500
<input checked="" type="checkbox"/>	8 <a href="#">Wetzstahl (fcm).jpg</a>	21505661	File	509	20190906032626
<input checked="" type="checkbox"/>	9 <a href="#">Fusil d'aiguillage.jpg</a>	22542719	File	315	20181226073433
<input checked="" type="checkbox"/>	10 <a href="#">Wetzstahl.jpg</a>	23985710	File	682	20190629010914
<input checked="" type="checkbox"/>	11 <a href="#">Fusil-aiguiseur-A01.jpg</a>	24942494	File	302	20181226111711
<input checked="" type="checkbox"/>	12 <a href="#">Cucina 009.jpg</a>	31510217	File	956	20191019102128
<input checked="" type="checkbox"/>	13 <a href="#">Acciaino - Musei del cibo - Prosciutto - 0011.tif</a>	47541139	File	426	20191007145107
<input checked="" type="checkbox"/>	14 <a href="#">Acciaino - Musei del cibo - Prosciutto - 0142.tif</a>	47543100	File	509	20191007145107

[https://petscan.wmflabs.org/?psid=12589701&al\\_commands=P180%3AQ520049](https://petscan.wmflabs.org/?psid=12589701&al_commands=P180%3AQ520049)



Batch on Commons [batch mode only!] by [Batches]

Status:

0% (0) of 16 done

1	init	<a href="#">Sharpening Steel.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
2	init	<a href="#">Shtul.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
3	init	<a href="#">Chaira01.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
4	init	<a href="#">Sharpening steel.jpeg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
5	init	<a href="#">US Navy 031204-N-17111-001 Mess Management Specialist 3rd Class Benjamin AlmodovarPacheco from Ceiba, Puerto Rico, watches carefully as culinary arts instructor Chef Sam Glass trains him on the best way to sharpen a butcher's.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
6	init	<a href="#">Schlachter.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
7	init	<a href="#">Filleting-01.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
8	init	<a href="#">Wetzstahl (fcm).jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
9	init	<a href="#">Fusil d'aiguillage.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]
10	init	<a href="#">Wetzstahl.jpg</a>	<a href="#">ADD</a>	Statement	depicts [P180] : honing steel [Q520049]

First

Page

1

Next

Last

 All
  errors
  Init

10



Run

Run in background

# How you can help

- Add structured data to files :-)
- Help figure out the data model!  
<https://w.wiki/9Z8>
- Translate Wikidata labels, and add descriptions, in your language!
- Create new Wikidata items to describe files on Commons!
- Develop tools!

Commons:Structured data/Modeling

English Spinster Talk Preferences Beta Watchlist Uploads Contributions Log out 17:29:39


Project page Discussion View Edit source History More Search Wikimedia Common: Q

## Commons:Structured data/Modeling [edit source]

Category (+): Structured Data on Commons (-) (±) (↓) (↑) (+)

From Wikimedia Commons, the free media repository  
< Commons:Structured data  
Wikidata item not found.

**Please help! – Work in progress**



You can help by working on guidelines and providing examples on each of the subpages listed below, or by creating additional subpages. Visit the [talk page](#) to discuss this process in general.

This page contains an overview of how to **model** information (metadata) about files on Wikimedia Commons in [Structured Data](#).

The [current templates](#) are used as a starting point of what to model.

### How to model specific types of metadata [edit source]

Here, we look at specific types of metadata for a file: for instance, how to model the various [dates and times](#) that are related to a file; how to model the various kinds of [authorship](#)?

- [Description](#) 🛠️ Work in progress
- [Date](#) 🛠️ Work in progress
- [Source](#) 🛠️ Work in progress
- [Author](#) 🛠️ Work in progress

SDC

[https://commons.wikimedia.org/wiki/Commons:Structured\\_data/Modeling](https://commons.wikimedia.org/wiki/Commons:Structured_data/Modeling)

# Let's try it!

- Let's add structured data to existing Commons files!
  - As diverse as possible
- Are there things you can't describe yet? Let's discuss!
- Resources to check
  - c:Help:File captions
  - c:Help:Depicts
  - ~~○ c:Help:Statements~~
  - <https://w.wiki/9Z8> (data modeling)

# Diverse files...

- **By type**
  - Digital-born photos
  - Digitized (old) photos
  - 3D files
  - Illustrations
  - Vector graphics
  - Audio files
  - Videos
  - ...
- **By 'content' ...**  
showing/depicting
  - People
  - Animals
  - Buildings
  - Artworks
  - Digitized maps, manuscripts, books
  - ...



# THANK YOU!

Sandra Fauconnier

[sandraf@wikimedia.org](mailto:sandraf@wikimedia.org)





# Parking lot

(can be used to illustrate more in-depth questions and answers)

The screenshot shows the Wikidata page for the property **copyright status** (P6216). The page includes a navigation bar with 'Property', 'Discussion', and 'Read' tabs. Below the title, there is a description: 'copyright status for intellectual creations like works of art, publications, software, etc.' and an 'edit' button. A table lists the property in various languages:

Language	Label	Description	Also known as
English	copyright status	copyright status for intellectual creations like works of art, publications, software, etc.	
Dutch	auteursrechtenstatus	juridische status van een (kunst)werk, publicatie, software enz. qua intellectueel eigendom	copyrightstatus
German	Urheberrechtsstatus	No description defined	urheberrechtlicher Status
French	statut des droits d'auteur	statut des droits d'auteur pour une création intellectuelle ou artistique	

Below the table, there is a section for 'Data type' which is set to 'Item'. The left sidebar contains various navigation links such as 'Main page', 'Community portal', and 'Tools'.

Property for indicating copyright of creative works: [P6216](#)  
[Copyright status](#)

Already [used](#) on more than 300,000 creative works on Wikidata

Two possible values

- Public domain
- Copyrighted

(Each work can have multiple of these, and also both values combined)

To be qualified (enhanced) with additional information

**WORK IN PROGRESS!**

# Help:Copyrights on Wikidata

<https://www.wikidata.org/wiki/Help:Copyrights>

**or** <https://w.wiki/3VD>

Kudos to Jarekt and Hanno Lans!

- For creative works (Wikidata)
- And digital representations of those works (Wikimedia Commons)



**files are special**  
(of course!)

## Main advice for SDC from the GLAM sector:

Strictly distinguish between

1. Metadata of the **file**
2. Metadata of the **creative work**  
that is represented  
in the file





BNINTEGR.jpg  
694 x 926; 501 KB



Bohnet Bonn.jpg  
800 x 600; 102 KB



Bonn, Skulptur -  
Integration 1976- -- 2017  
-- 2120.jpg  
3,434 x 4,292; 9.51 MB



Bonn-rheinaue-  
edelstahlkugel-01.jpg  
3,906 x 2,928; 3.57 MB



Bonn-rheinaue-  
edelstahlkugel-02.jpg  
3,950 x 2,962; 3.97 MB



Bonn-rheinaue-  
edelstahlkugel-03.jpg  
3,906 x 2,928; 4.01 MB



Bonn-rheinaue-  
edelstahlkugel-04.jpg  
3,906 x 2,928; 4.02 MB



Bonn-rheinaue-  
edelstahlkugel-05.jpg  
4,000 x 3,000; 4.22 MB



Bonn-rheinaue-  
edelstahlkugel-06.jpg  
4,000 x 3,000; 4.21 MB



Bonn-rheinaue-  
edelstahlkugel-07.jpg  
3,940 x 2,954; 3.98 MB



Bonn-rheinaue-  
edelstahlkugel-08.jpg  
4,000 x 3,000; 3.91 MB



Bonn-rheinaue-  
edelstahlkugel-09.jpg  
4,000 x 3,000; 2.64 MB



Bonn-rheinaue-  
edelstahlkugel-10.jpg  
4,000 x 3,000; 2.72 MB

[https://commons.wikimedia.org/wiki/Category:Integration\\_%E2%80%9976](https://commons.wikimedia.org/wiki/Category:Integration_%E2%80%9976)

# Creative works and their digital representations



## Integration '76 (Q66305367)

sculpture by Hans Dieter Bohnet in Bonn, Germany  
Integration, 76 | Integration 1976

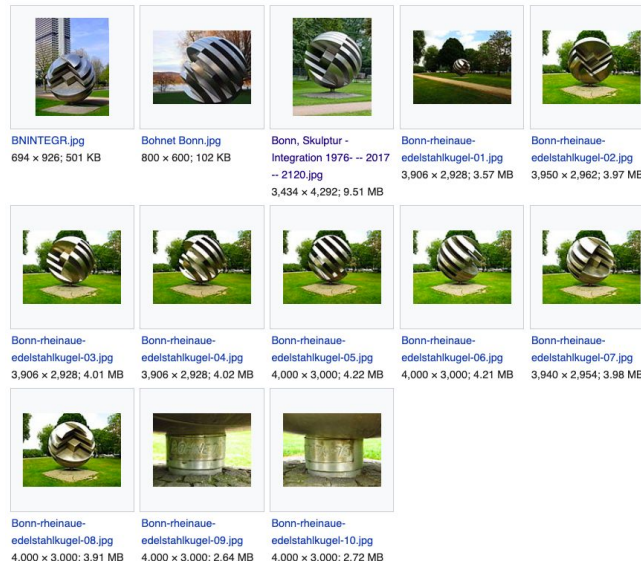


**- In more languages** [Configure](#)

Language	Label	Description	Also known as
English	Integration '76	sculpture by Hans Dieter Bohnet in Bonn, Germany	Integration, 76 Integration 1976
Dutch	Integration '76	sculptuur van Hans Dieter Bohnet in Bonn, Duitsland	
German	No label defined	No description defined	
French	No label defined	No description defined	

### Statements

instance of	sculpture	
	<a href="#">- 0 references</a>	
		<a href="#">+ add reference</a>
		<a href="#">+ add value</a>




One creative work ...

<https://www.wikidata.org/wiki/Q66305367>

... can have many digital representations

[https://commons.wikimedia.org/wiki/Category:Integration\\_%E2%80%9976](https://commons.wikimedia.org/wiki/Category:Integration_%E2%80%9976)





**Integration '76** (Q66305367)

sculpture by Hans Dieter Bohnet in Bonn, Germany ✎ edit

Integration, '76 | Integration 1976

- In more languages [Contact](#)

Language	Label	Description	Also known as
English	Integration '76	sculpture by Hans Dieter Bohnet in Bonn, Germany	Integration, '76 Integration 1976
Dutch	Integration '76	sculptuur van Hans Dieter Bohnet in Bonn, Duitsland	
German	No label defined	No description defined	
French	No label defined	No description defined	

**Statements**

instance of sculpture ✎ edit

- 0 references

+ add reference  
+ add value

<https://www.wikidata.org/wiki/Q66305367>

**creator** Hans Dieter Bohnet

**inception** 1976/1986

**depicts** sphere

**copyright status** copyrighted

**license** -




<https://commons.wikimedia.org/wiki/File:BNINTEGR.jpg>

Hans Weingartz

8 April 2006

Integration '76  
Langer Eugen

copyrighted

CC BY-SA 2.0 Germany

The background of the slide is a reproduction of the painting 'The Last Judgement' by Jan Brueghel the Elder. The painting depicts a chaotic scene of the final day of the world. In the upper portion, figures are shown ascending towards heaven, while the lower portion is filled with a dense crowd of people suffering in various states of torment and punishment. The scene is filled with numerous figures, including angels, saints, and damned souls, all rendered in a detailed and expressive style characteristic of the Northern Renaissance.

**Faithful digital  
representations of  
two-dimensional artworks  
("digital surrogates")**

Jan Brueghel the Elder: The Last Judgement (1602) -  
collection Statens Museum for Kunst - Public Domain

**The Last Judgement** (Q20354492)

painting by Jan Brueghel d.Æ. edit

- In more languages [Configure](#)

Language	Label	Description	Also known as
English	The Last Judgement	painting by Jan Brueghel d.Æ.	
Dutch	No label defined	schilderij van Jan Brueghel d.Æ.	
German	No label defined	Gemälde von Jan Brueghel d.Æ.	
French	No label defined	No description defined	

All entered languages

**Statements**

instance of painting edit

1 reference

[+ add value](#)

<https://www.wikidata.org/wiki/Q20354492>




[https://commons.wikimedia.org/wiki/File:Jan\\_Brueghel\\_d.%C3%84.\\_-The\\_Last\\_Judgement\\_-\\_KMSs\\_p180\\_-\\_Statens\\_Museum\\_for\\_Kunst.jpg](https://commons.wikimedia.org/wiki/File:Jan_Brueghel_d.%C3%84._-The_Last_Judgement_-_KMSs_p180_-_Statens_Museum_for_Kunst.jpg)

**creator** Jan Brueghel the Elder

**inception** 1602

**depicts** angel; devil; heaven;...

**digital representation of** n/a

**copyright status** Public Domain

**license** -



Statens Museum for Kunst?

? (date of digitization)

The Last Judgement (painting)

The Last Judgement (painting)

Public Domain

CC0