



# The ISA Tool,

## Workshop January 2024

Presented by Florence Devouard - User:Anthere  
ISA is a Wiki in Africa project

# A good picture is not sufficient, description is also required

# Commons participants do not always provide enough description

File information

Structured data

## Captions

File Information	Structured data
<b>Captions</b> <span>Edit</span>	
English	Lightning strike in conifer
Deutsch	Blitzschlag in Nadelbaum
español	Add a one-line explanation of what this file represents
français	Add a one-line explanation of what this file represents
italiano	Add a one-line explanation of what this file represents
Nederlands	Blikseminslag in een naaldboom

## Depicts

File Information	Structured data
<b>Items portrayed in this file</b> <span>P180 · Edit</span>	
depicts	
Search to add items (house cat, mountain, Taj Mahal, etc.) from Wikidata	
lightning	Q33741 · Prominent
tree	Q10884 · Prominent
sky	Q527 · Prominent
Pinophyta	Q132825 · Mark as prominent

File:004 2018 05 14 Extremes Wetter.jpg

From Wikimedia Commons, the free media repository

File | Discussion | View | Edit | History | Search Wikimedia Commons

Size of this preview: 800 × 579 pixels. Other resolutions: 320 × 232 pixels | 640 × 463 pixels | 1,024 × 741 pixels | 1,280 × 926 pixels | 1,433 × 1,137 pixels.

Original file (4,335 × 3,137 pixels, file size: 4.76 MB, MIME type: image/jpeg); ZoomViewer: flash/no flash

Open in Media Viewer

File information | Structured data

**Captions** Edit

English Lightning strike in conifer

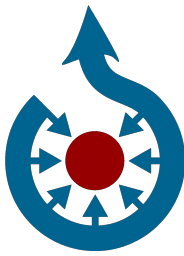
See 2 more languages

**Summary** Edit

Description Lightning strike in conifer.



# ISA Tool was part of “Structured Data on Commons” 2017-2019



## What ?

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

**Winner** WikiData 2019  
**Best Multimedia Tool Prize**

## What for ?

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

**Impact** (from inception until July  
2021):

- 299.780 contributions
- 481 users/contributors
- 149 campaigns



## ISA in brief

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### *What would you use it for ?*

1. Add metadata to your pictures on Commons, in a structured, multilingual & machine-readable format (aka **depicts** and **captions**)
2. Organize **ISA tagging contests** in your community !

### *Why does that tool exist ?*

To make Commons files easier to **view, search, edit, organize** and **reuse**, since 2019

### *How much ?*

It is **free** of charge, freely licenced, hosted on ToolForge



# ISA in brief



## *Prerequisites and challenges ?*

- Must have a wikimedia account
- Must read guidelines on “how to add depicts” on Commons images :  
[https://commons.wikimedia.org/wiki/Commons:Depiction\\_guidelines](https://commons.wikimedia.org/wiki/Commons:Depiction_guidelines)

## *Where and when to adopt it ?*

Anytime ! try it on Wiki Loves Africa images ! <https://isa.toolforge.org/campaigns/228>



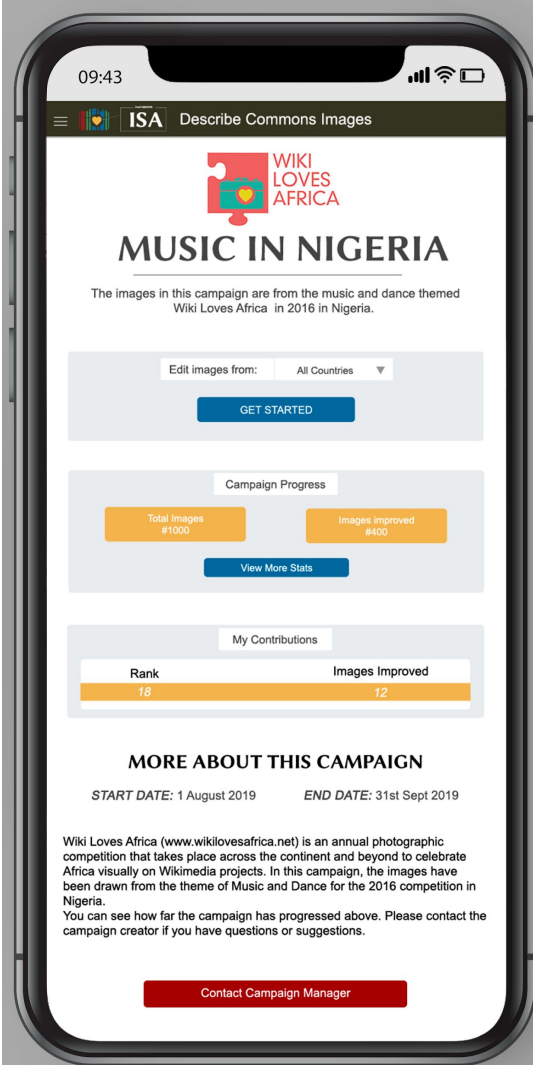
# What is ISA?

Describe Commons media files with structured data from Wikidata

Set up your own campaign **or** participate to already set-up ones

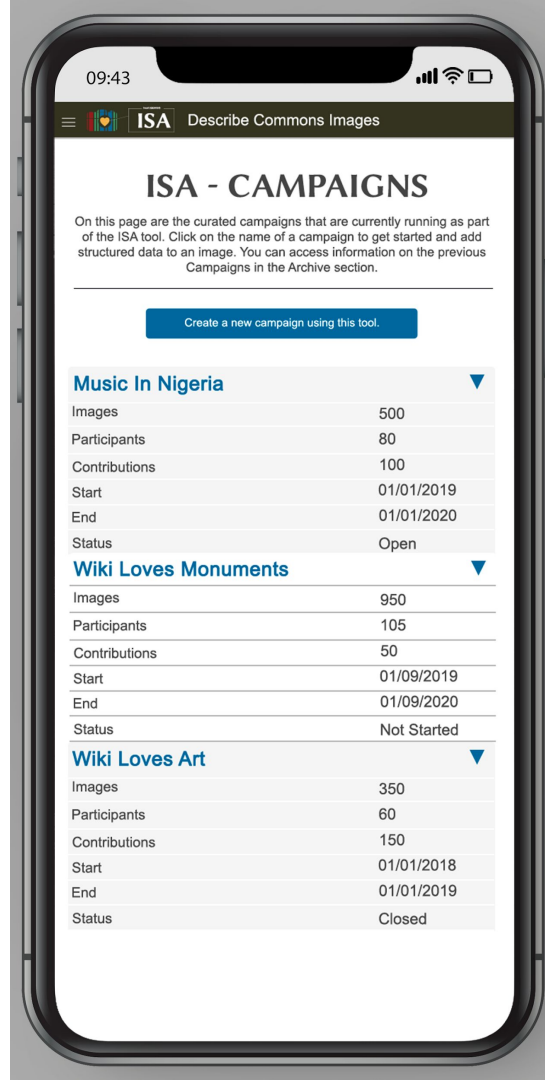
Track and easily report participation

Tool accessible on desktop and mobile.



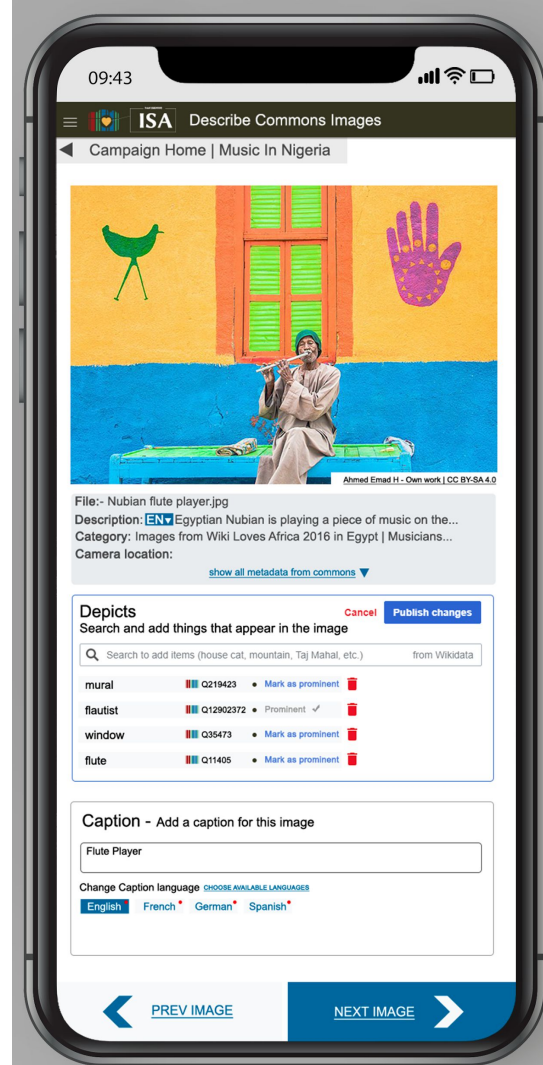
# Browse through all opened campaigns

- Campaign creation on desktop
- Basic stats view on mobile
- Full statistics available on desktop for download



# Contributions

- The tool displays a random image with key extracts of data recorded on Wikimedia Commons
- The OAuth logged-in contributor adds depicts and caption data to the picture
- Edits are automatically saved on Commons





# Campaigns are entry points

- Project lead creates campaign
  - Video: [bit.ly/ISACampaigns](https://bit.ly/ISACampaigns)
- Campaigns defined primarily by
  - beginning/end time
  - Commons categories of images to work on
  - structured data: depict and/or captions
- Project lead invites participation

## CREATE NEW CAMPAIGN

Fill in the form below to create you campaign

Fields marked with \* are mandatory

Campaign Name\*

This is the name specific to your campaign, not the main project.' So, not "Wiki Loves Africa" but rather "Music and Dance in Nigeria"

Short description of Campaign (144 characters)

What are users going to be working on

Start Date\*

Set campaign start date

End Date

Set campaign end date

This is a Wiki Loves Campaign [?](#)

Requires categories of the form images from Wiki Loves *project* in a specific *year*, eg "Images from Wiki Loves *Africa 2019*" (change *project* and year as *required*)

Categories to use in this campaign\* [?](#)

Choose categories to use in the campaign

Metadata to collect in the Campaign\* [?](#)

Depicts [?](#)

Select to collect Depicts metadata in the campaign

Captions [?](#)

Select to collect Caption metadata in the campaign

Campaign Image [?](#)

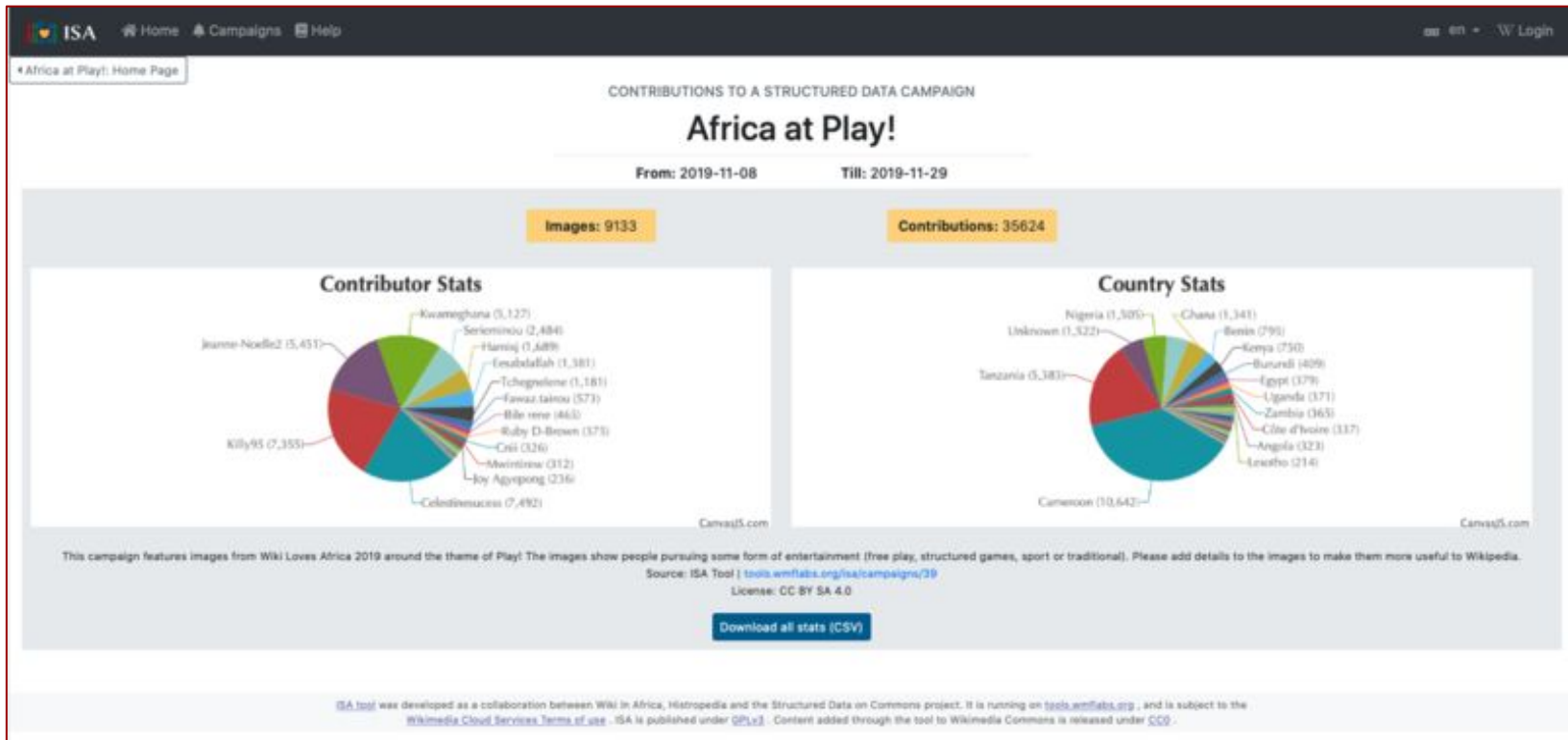
Enter the FILE NAME only of a image from commons to display on the Campaign home page.

Long description of Campaign (full about info)

Why it is important that users contribute to the campaign?

[Publish Campaign](#)

# Tracking and report



Stats (summary screenshot-able or full stats downloadable)

# ISA in brief



## *Impact*

In January 2022, impact of the tool since 2019:

- 1,354,397 images better described
- 149 campaigns
- 370,941 descriptions and contributions
- 1,180 participants.


## *And now ?*

Recommendations for semi-automatic tagging extended by Google Cloud Vision. Test it : <https://isa-dev.toolforge.org>



# Recommendations with Google Vision

4 World Heritage Site photographs produced by UNESCO: Home Page



PREV IMAGE

NEXT IMAGE

S. A. Tabbasum | This place is a UN... | CC BY-SA 3.0 igo

File: [Tongariro National Park-109557.jpg](#)  
Description: Tongariro National Park (New Zealand)  
Categories: CC-BY-SA-3.0-IGO | Content made available through Connected Open Heritage | Images from UNESCO 2017-04 | Media files produced by UNESCO needing additional categorisati...  
Camera Location: -39.2908333300, 175.5622222000

[show all metadata from commons](#)

Depicts ⓘ Cancel Save

Name the different elements that you can see in this image

Q Search for things you see in the image

Suggestions

- G sky Q527 (98%) ✓ ✕
- G mountain Q8502 (96%) ✓ ✕
- G cloud Q8074 (96%) ✓ ✕
- G snow Q7561 (91%) ✓ ✕
- G plant Q756 (90%) ✓ ✕
- G natural landscape Q1286517 (84%) ✓ ✕
- G tree Q10884 (78%) ✓ ✕

● <https://isa-dev.toolforge.org>

# Links

- Access the tool : <https://isa.toolforge.org>
- Get more information : [https://commons.wikimedia.org/wiki/Commons:ISA\\_Tool](https://commons.wikimedia.org/wiki/Commons:ISA_Tool)
- Test the future version : <https://isa-dev.toolforge.org>
- Help with translation : <https://translatewiki.net/wiki/Translating:ISA>
- Help development : <https://phabricator.wikimedia.org/project/profile/3981/>
- Share : <https://toolhub.wikimedia.org/tools/isa>

**Try iron World Heritage Sites in danger :**  
<https://isa.toolforge.org/campaigns/184>