Google Summer of Code & Outreachy

Project Showcase 2017

Remind me of this article in X days

Ela Opper

This task is a feature request to the Echo extension in Mediawiki that was created a few years ago.

I was honored to pick it up and develop it.

The feature changes the very core of this extension, transforming it from a reactive only component to a proactive one, that creates timed tasks in the system and executing it.

The feature enables the registered user to create a timed page reminder with a custom comment of his own about that reminder.

Link to feature information - https://phabricator.wikimedia.org/T2582

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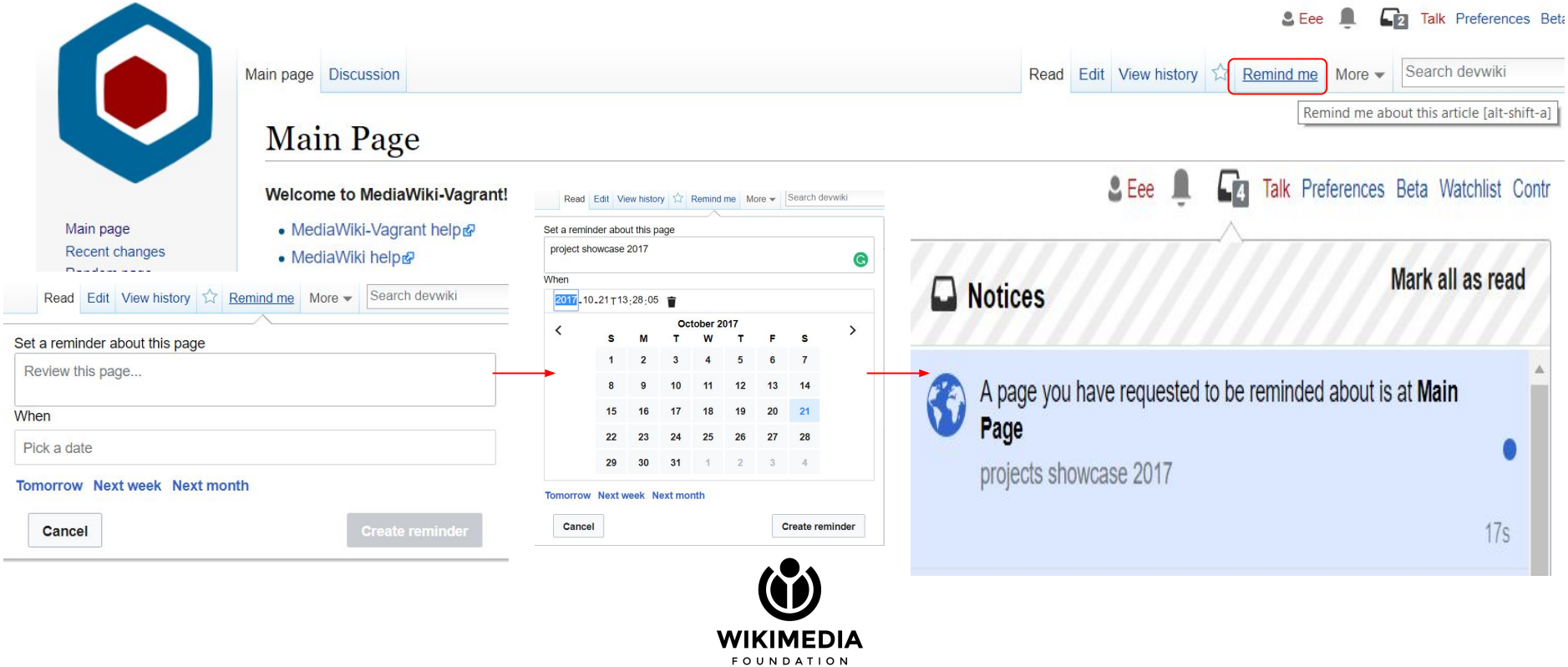
Remind me of this article in X days - feature diagram

Ela Opper



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Add a "hierarchy" type to the Cargo extension

Feroz Ahmad

About Cargo

Cargo is an extension to MediaWiki that provides a lightweight way to store and query the data contained within the calls to templates, such as infoboxes.

About the project

The project can be understood as adding support for **hierarchy** data, so that they can be queried employing their hierarchy nature.

In order to achieve the aforesaid aim, there were several other features required to be developed.

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Add a "hierarchy" type to the Cargo extension

Feroz Ahmad

Features added to the **Cargo & Page Forms** extension

1. Support for declaring and querying over hierarchy fields in **Cargo Extension.**
2. Support for query using new **Cargo** keywords - “WITHIN” & “HOLDS WITHIN”
3. New **Cargo’s** 'Drilldown' interface to incorporate hierarchy fields.
4. Support for hierarchy fields in the **Page Forms extension** to set default input type as "tree" for hierarchy field.
5. Support for hierarchy fields in the helper pages of **Page Forms extension** for compatibility with Special:CreateClass and Special:CreateTemplate.

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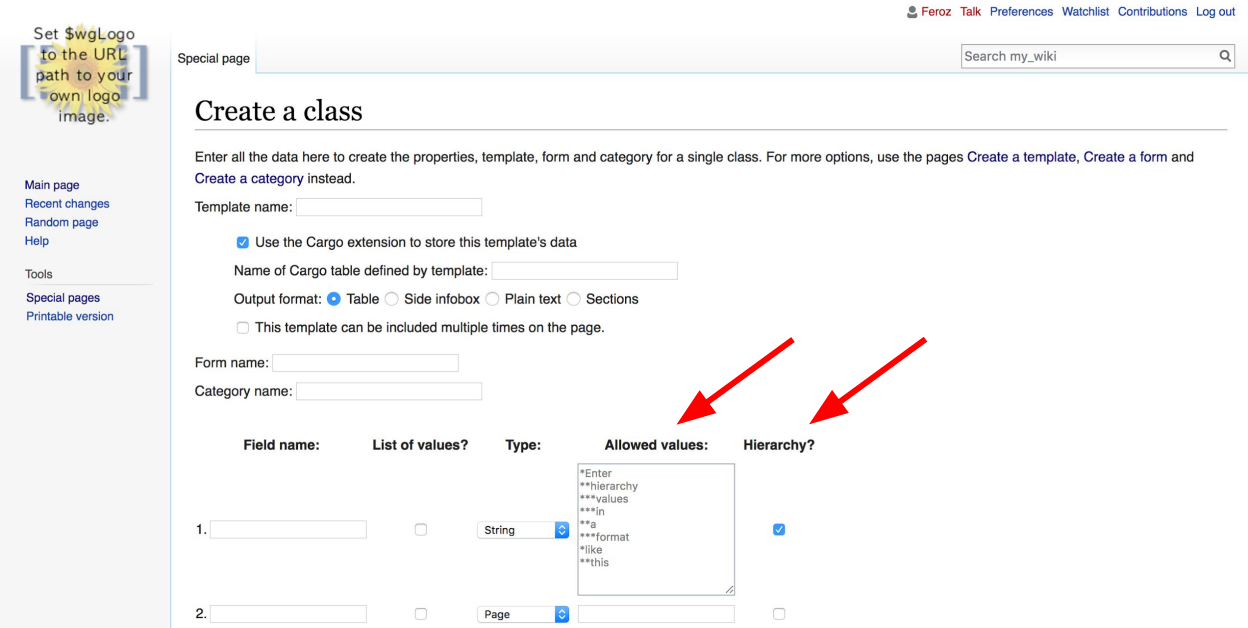
Add a "hierarchy" type to the Cargo extension

Feroz Ahmad

Special:CreateClass



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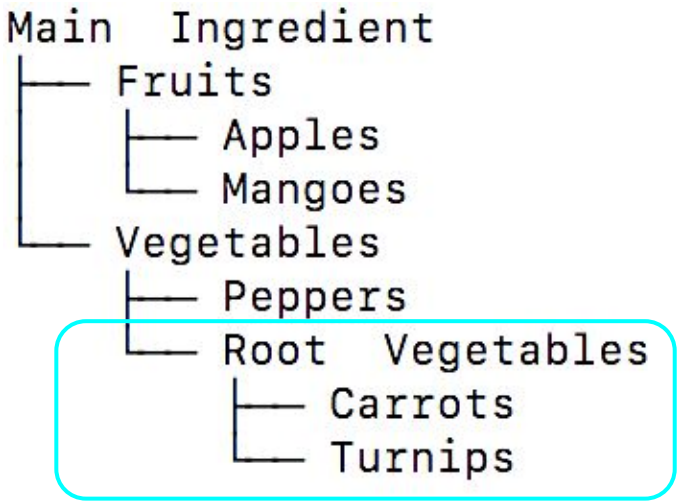
Add a "hierarchy" type to the Cargo extension

Feroz Ahmad

Querying




```
{{#cargo_query:
tables=Cuisines
|fields=_pageName=Cuisine Name,Ingredient
|format=dynamic table
|where=Ingredient WITHIN "Root Vegetables"
}}
```

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Add a "hierarchy" type to the Cargo extension

Feroz Ahmad

Querying

Show 10 entries

Search:

Cuisine Name	Ingredient
SaladC	Carrots
SaladT	Turnips

Cuisine Name	Ingredient

Showing 1 to 2 of 2 entries

Previous 1 Next

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Add a "hierarchy" type to the Cargo extension

Feroz Ahmad

Special:Drilldown

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Add a "hierarchy" type to the Cargo extension

Feroz Ahmad

Links

Proposal: https://phabricator.wikimedia.org/T161609

Final Report: https://phabricator.wikimedia.org/T174294

Blog Posts: http://blog.ferozahmad.com/foss/

Thank you

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Improvements to ProofreadPage Extension and Wikisource

Amrit Sreekumar

This project aims at the improvement and enhancement of the ProofreadPage Extension and Wikisource, through important bug fixes and implementation of significant features.

- **Creation of an auto-validation privilege –** To validate the pages they have proofread, without the interference of a third person not related to it.
- **Conversion of Index: Pages editing form to OOjsUI –** Converted Index: Pages editing form, an editing interface implemented in the ProofreadPage extension to OOJS.
- **Migration of ProofreadPage zoom feature to OOjs –** Here the job was to completely port the zoom feature implemented in jQuery to OOjs. The change is yet to be merged as the DOM added is not yet updated.

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Document the process of developing Zotero translators

Sonali Gupta

- Citoid is a service to add references on WMF-wikis
- Aim of the project was to document how to prepare Zotero translators
- Documentation - https://www.mediawiki.org/wiki/Citoid/Creating_Zotero_translators

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What does the documentation cover?

- About Zotero translators
- A separate page dedicated to web translator for blog-like sites
- Brief about needed concpets
- Clear explanation of methods required in a translator

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- Walk-through code of Mediawiki translator
- Development on translation-server
- Development using Integrated development environment Scaffold
- How to get a translator deployed

Try to build your translator and help us expand the content coverage :) Thank you.

6 Working example of a translator
- 6.1 Write the code
- 6.2 Run on translation-server
  - 6.2.1 Add metadata header
  - 6.2.2 Build and run the changes
  - 6.2.3 Test and update
  - 6.2.4 Write test cases
    - 6.2.4.1 Test cases for multiple items
  - 6.2.5 Test cases for single item
- 6.3 Run on Scaffold
  - 6.3.1 Fill in metadata
  - 6.3.2 Fill in code and test
  - 6.3.3 Generate test cases
  - 6.3.4 Locate the translator file
- 6.4 Submit the translator
- 6.5 Verify the deployment of translator in Citoid

7 Useful links

Glam2Commons: Upload Images from GLAM to Commons

Siddhartha Sarkar

Glam2Commons is a tool which allows any Wikimedia Commons user to import images to Commons from the online repositories of a number of GLAMs (**g**alleries, **l**ibraries, **a**rchives and **m**useums) easily.

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Supported GLAMs

- Nationaal Archief
- Amsterdam Museum

We plan to add other GLAMs soon.

New GLAMs can be suggested at https://commons.wikimedia.org/wiki/Commons_talk:Glam2Commons

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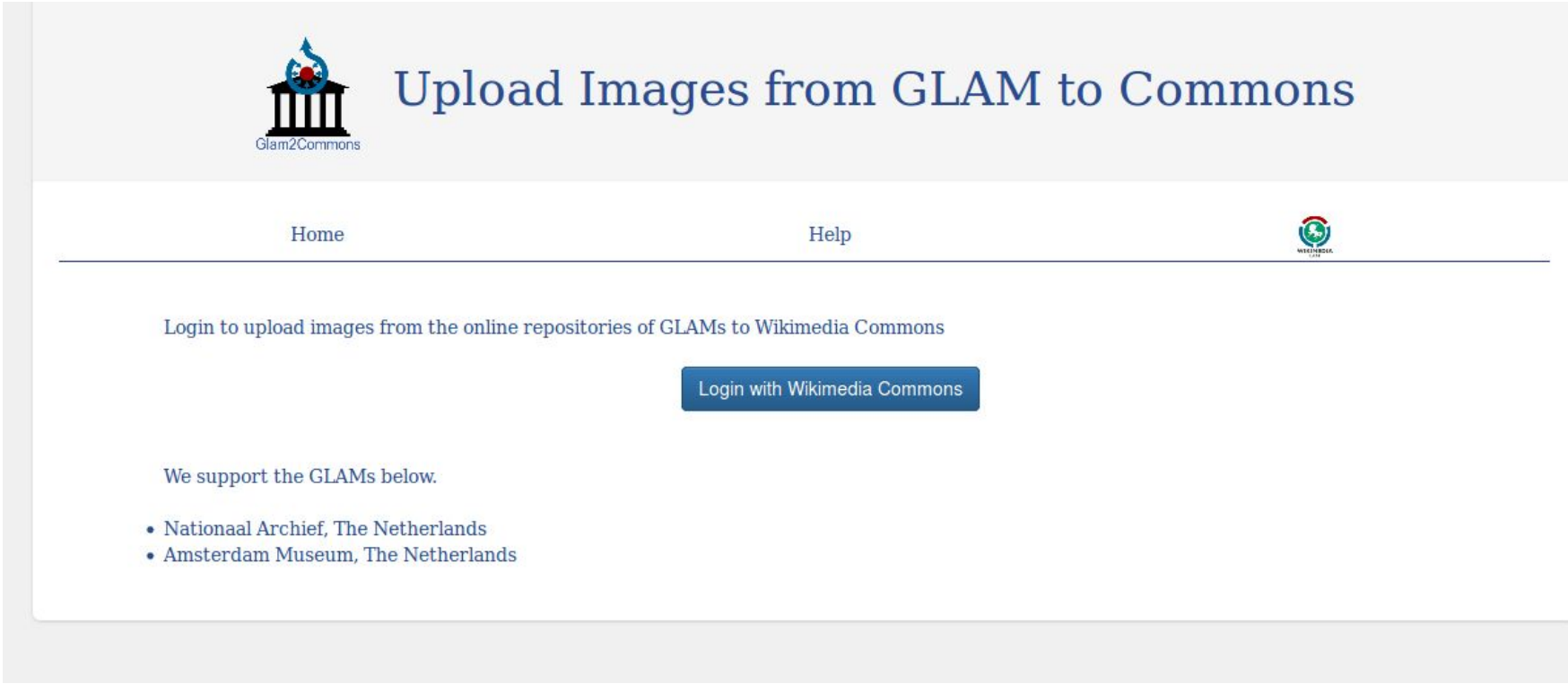
Features

- Uses Wikimedia Commons credentials via OAuth.
- Very simple user interface.
    - Only one form to be filled for single image upload with known URL/Unique ID.
    - For multiple image upload there is a gallery of images formed based on a given search term from where the user has to select the desired images for upload.
- Auto-adds image metadata without any user intervention.
- Prevents upload of images that are already present in Wikimedia Commons.
- Capable of associating multiple categories with an image.
- Capable of handling exceptions and showing appropriate messages to the user in the user interface.
- Easy to add a new GLAM into the tool. Details are here.

Homepage: https://tools.wmflabs.org/glam2commons/



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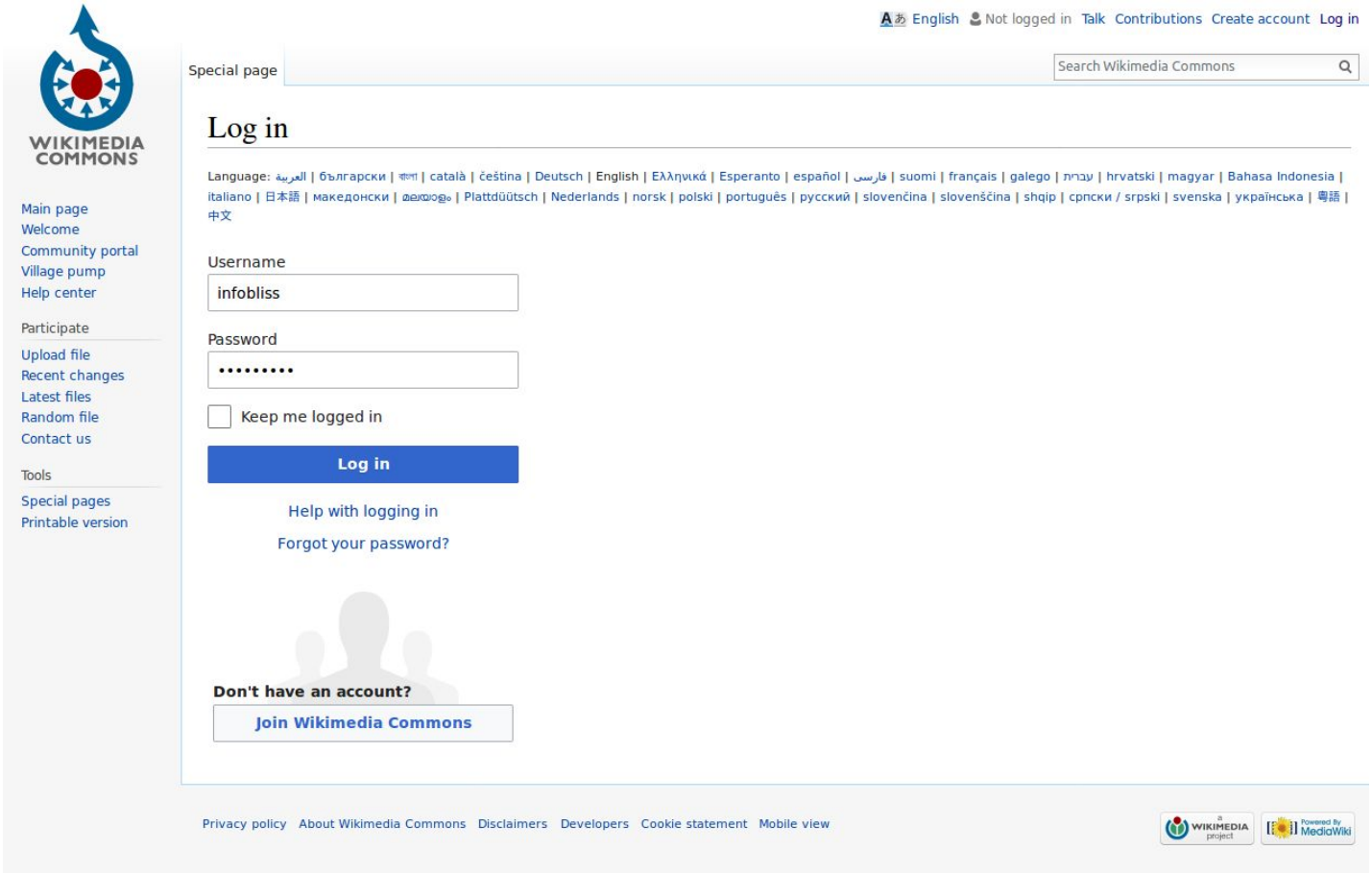
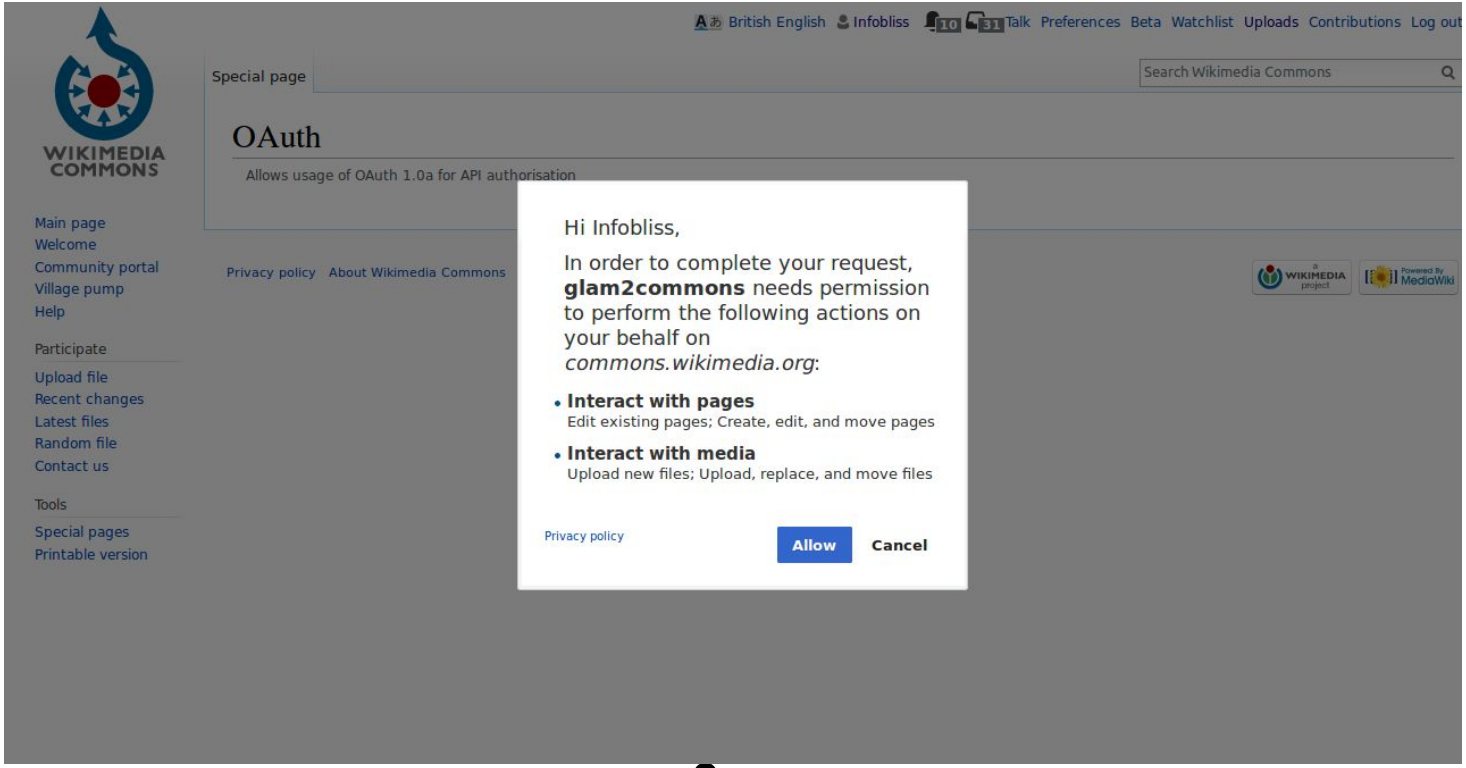
Login page


English Not logged in Talk Contributions Create account Log in
Special page
Search Wikimedia Commons
WIKIMEDIA COMMONS
Main page
Welcome
Community portal
Village pump
Help center
Participate
Upload file
Recent changes
Latest files
Random file
Contact us
Tools
Special pages
Printable version
Log in
Language: العربية | български | বাংলা | català | čeština | Deutsch | English | Ελληνικά | Esperanto | español | فارسی | suomi | français | galego | עברית | hrvatski | magyar | Bahasa Indonesia | italiano | 日本語 | македонски | മലയാളം | Plattdüütsch | Nederlands | norsk | polski | português | русский | slovenčina | slovenščina | shqip | српски / srpski | svenska | українська | 粵語 | 中文
Username
infobliss
Password
Keep me logged in
Log in
Help with logging in
Forgot your password?
Don't have an account?
Join Wikimedia Commons
Privacy policy About Wikimedia Commons Disclaimers Developers Cookie statement Mobile view

Allow some rights



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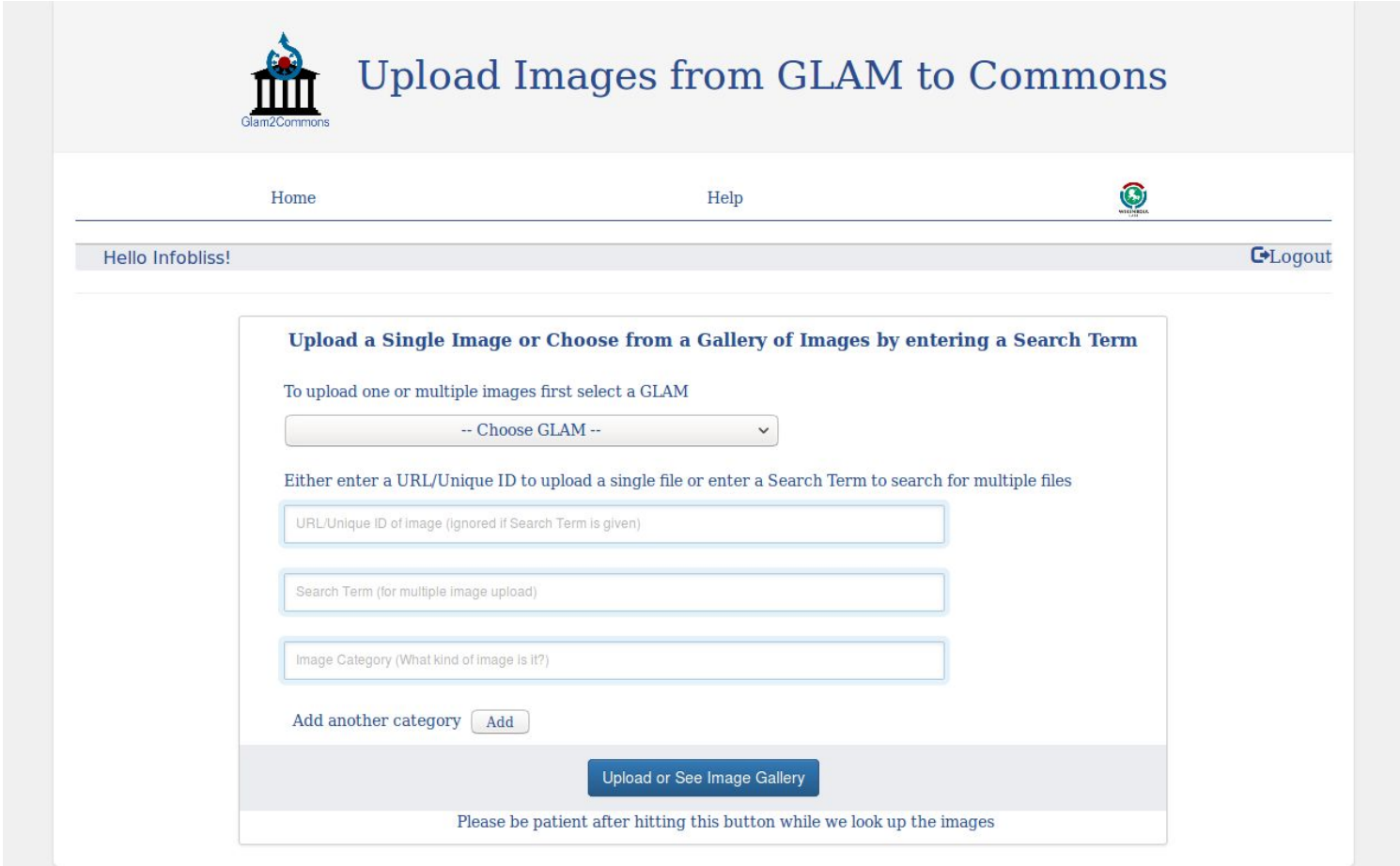
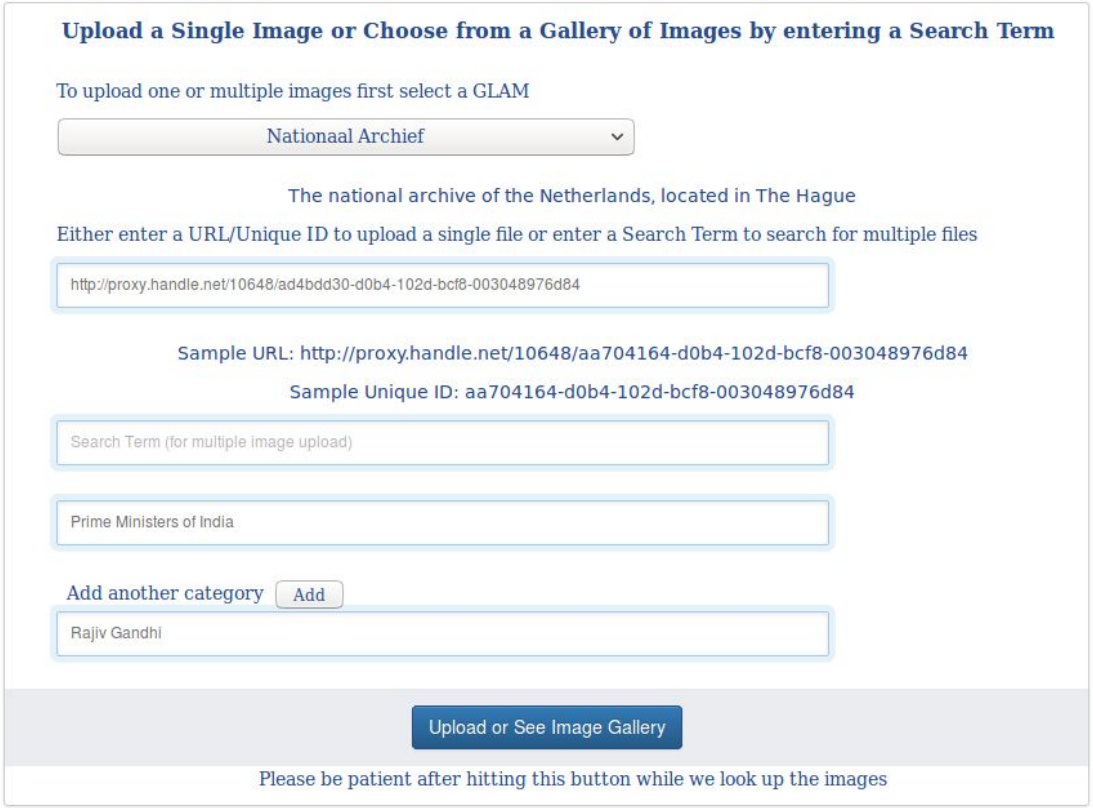
The form

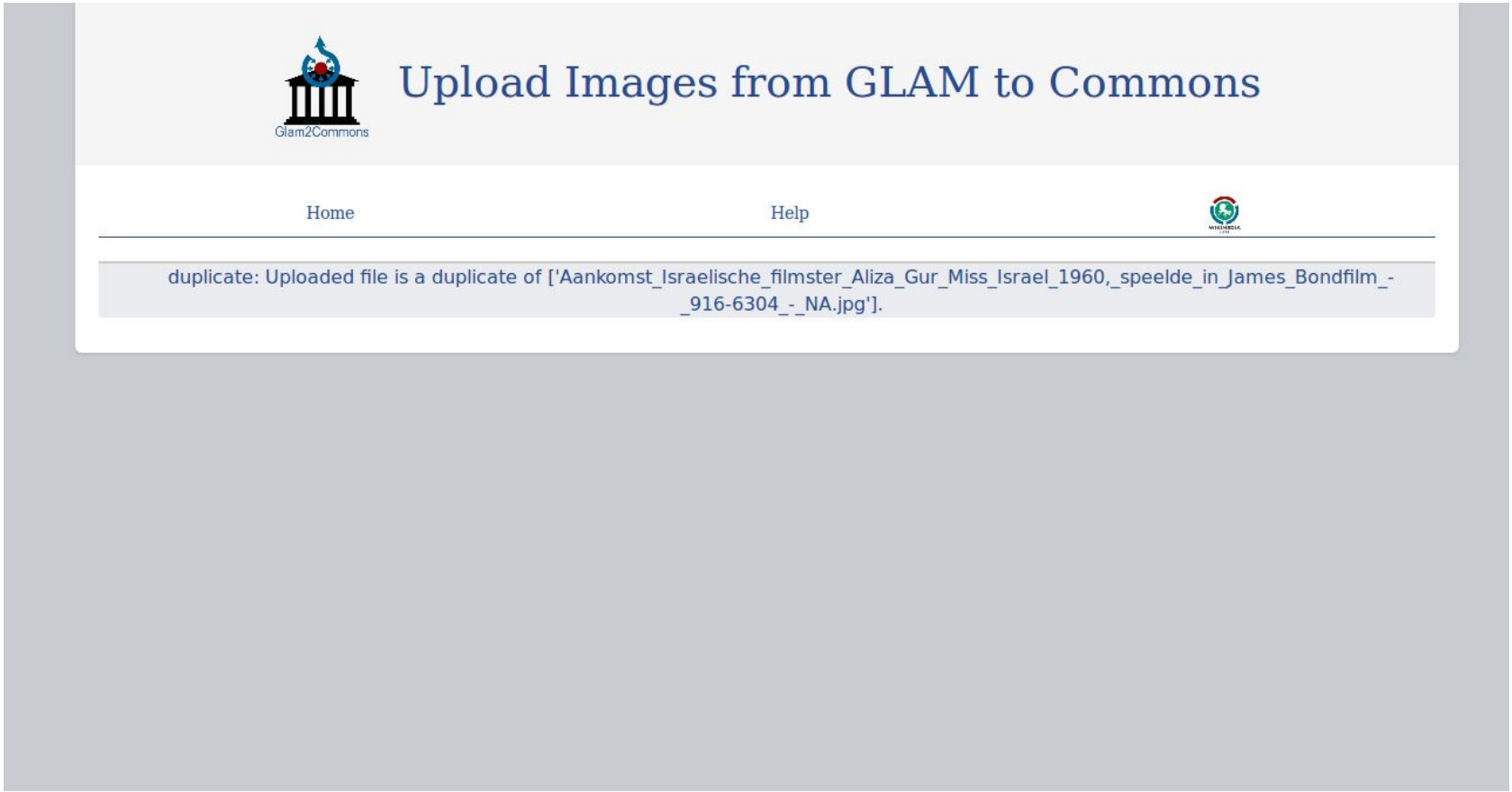

Glam2Commons
Upload Images from GLAM to Commons
Home
Help
Hello Infobliss!
Logout
Upload a Single Image or Choose from a Gallery of Images by entering a Search Term
To upload one or multiple images first select a GLAM
-- Choose GLAM --
Either enter a URL/Unique ID to upload a single file or enter a Search Term to search for multiple files
URL/Unique ID of image (ignored if Search Term is given)
Search Term (for multiple image upload)
Image Category (What kind of image is it?)
Add another category
Add
Upload or See Image Gallery
Please be patient after hitting this button while we look up the images

Single image upload using image url or unique ID



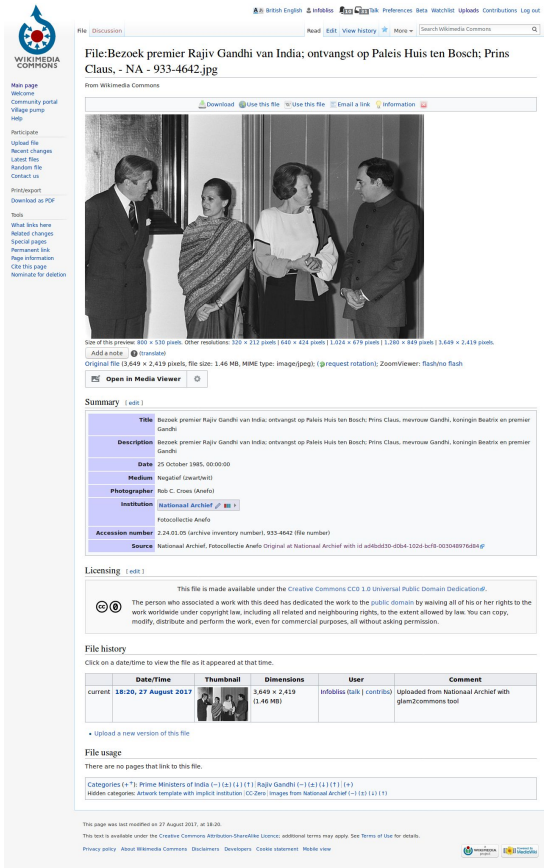
Single image successfully uploaded

If a duplicate image already exists in Commons



If the given image url is incorrect

The uploaded image in Wikimedia Commons



File:Bezoek premier Rajiv Gandhi van India; ontvangst op Paleis Huis ten Bosch; Prins Claus, - NA - 933-4642.jpg

From Wikimedia Commons

Download | Use this file | Use this file | Email a link | Information

Size of this preview: 800 × 530 pixels. Other resolutions: 320 × 212 pixels | 640 × 424 pixels | 1,024 × 679 pixels | 1,280 × 849 pixels | 3,649 × 2,419 pixels.

Add a note | Translate

Original file (3,649 × 2,419 pixels, file size: 1.46 MB, MIME type: image/jpeg); (request rotation); ZoomViewer: flash/no flash

Open in Media Viewer

Summary [edit]

Title	Bezoek premier Rajiv Gandhi van India; ontvangst op Paleis Huis ten Bosch; Prins Claus, mevrouw Gandhi, koningin Beatrix en premier Gandhi
Description	Bezoek premier Rajiv Gandhi van India; ontvangst op Paleis Huis ten Bosch; Prins Claus, mevrouw Gandhi, koningin Beatrix en premier Gandhi
Date	25 October 1985, 00:00:00
Medium	Negatief (zwart/wit)
Photographer	Rob C. Croes (Anefo)
Institution	Nationaal Archief Fotocollectie Anefo
Accession number	2.24.01.05 (archive inventory number), 933-4642 (file number)
Source	Nationaal Archief, Fotocollectie Anefo Original at Nationaal Archief with id ad4bdd30-d0b4-102d-bcf8-003048976d84

Licensing [edit]

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File history

Click on a date/time to view the file as it appeared at that time.

	Date/Time	Thumbnail	Dimensions	User	Comment
current	18:20, 27 August 2017		3,649 × 2,419 (1.46 MB)	Infoblis (talk | contribs)	Uploaded from Nationaal Archief with glam2commons tool

• Upload a new version of this file

File usage

There are no pages that link to this file.

Categories (+): Prime Ministers of India (←) (±) (↓) (↑) | Rajiv Gandhi (←) (±) (↓) (↑) | (+)

Hidden categories: Artwork template with implicit institution | CC-Zero | Images from Nationaal Archief (←) (±) (↓) (↑)

This page was last modified on 27 August 2017, at 18:20.

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Multiple image upload using a search string

The image gallery to choose form

When multiple images are uploaded

Multiple uploaded images in Wikimedia Commons

Community portal
Village pump
Help

Participate
Upload file
Recent changes
Latest files
Random file
Contact us

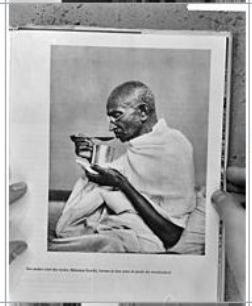
Tools
User uploads
User contributions
Logs
Email this user
View user groups
Special pages
Printable version

Items per page: 50

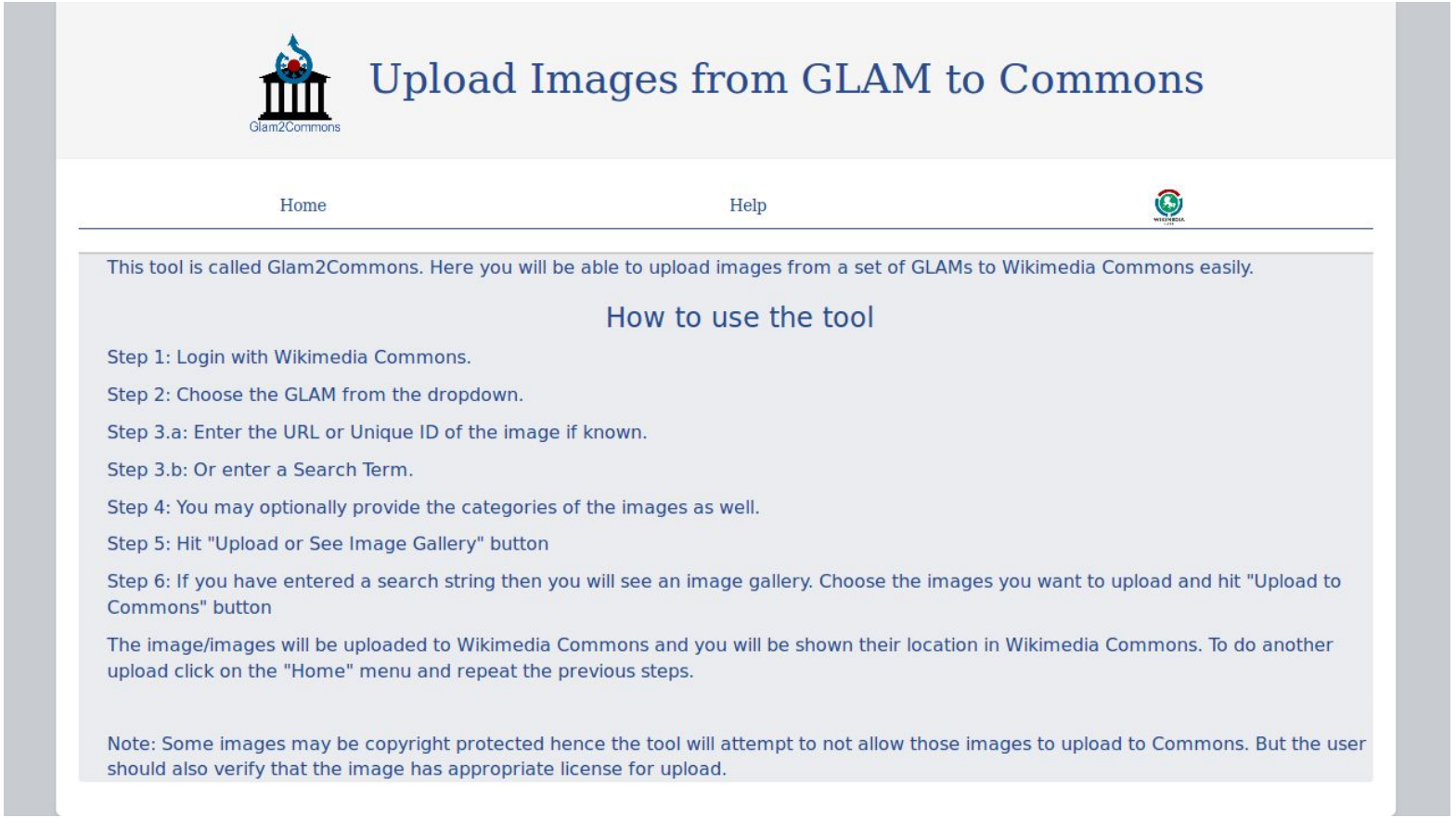
Username: Infobliss

Include old versions of images

Go

▼ Date	Name	Thumbnail	Size	Description
18:30, 27 August 2017	Lubbers en premier Gandhi op Schiphol - NA - 934-1090.jpg (file)		1.01 MB	Uploaded from Nationaal Archief with glam2commons tool
18:30, 27 August 2017	Bezoek premier Rajiv Gandhi van India; ontvangst op Paleis Huis ten Bosch; Prins Claus, - NA - 933-4643.jpg (file)		1.32 MB	Uploaded from Nationaal Archief with glam2commons tool
18:30, 27 August 2017	Mahatma Gandhi - NA - 916-6994.jpg (file)		1.41 MB	Uploaded from Nationaal Archief with glam2commons tool

The Help Page



Enhance usability of Wikimedia Programs and Events Dashboard managed by Wiki Education Foundation.

Sejal Khatri
Mentors: Sage Ross and Jonathan Morgan.

Wiki Ed Dashboard started as Wiki Education Foundation's platform for helping people get started with editing Articles on Wikipedia and helping professors run assignments where their students edit Wikipedia.

The Dashboard code runs 2 main projects

- The Wiki Education Foundation Dashboard : The use case(scope) for this project is limited to higher education programs in United States and Canada.

- Wikimedia Programs & Events Dashboard : For global Wikimedia community to organize all kinds of programs, including edit-a-thons, education programs, and other events. *Dashboard also helps in keeping a track of all the contributions made by the participants during the programs.*

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Enhance usability of Wikimedia Programs and Events Dashboard managed by Wiki Education Foundation.

Sejal Khatri

For the first part of my Internship, I did some code refining for the user contribution stats and successfully made them available on the user profile pages. Along with that, I solved some issues listed on my GSoC proposal.

Links:

- Vega Js: **Vega** is a *visualization grammar*, a declarative language for creating, saving, and sharing interactive visualization designs. A Vega *specification* defines an interactive visualization in a JSON format.

- Added info mouseovers to explain Assign and Review buttons within the MyArticles component: Pull request(merged and deployed) Work done on adding the info mouse overs and handling on click outside event.

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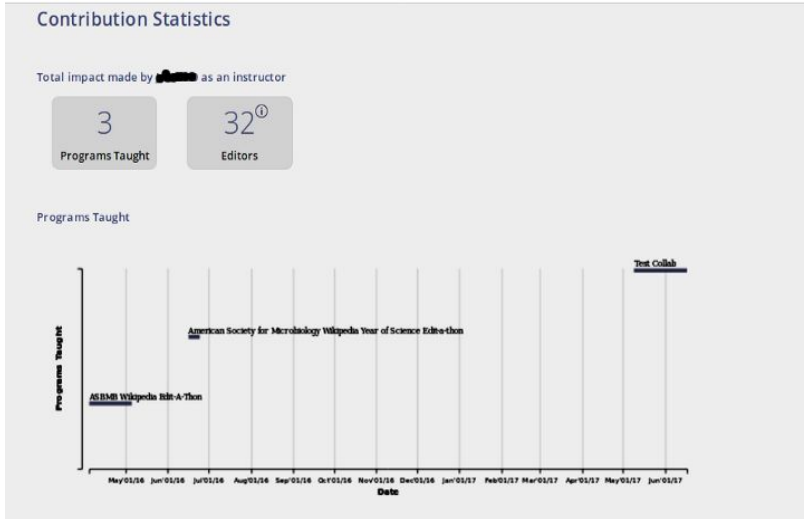
Enhance usability of Wikimedia Programs and Events Dashboard managed by Wiki Education Foundation.

Sejal Khatri

Visualizations:



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Enhance usability of Wikimedia Programs and Events Dashboard managed by Wiki Education Foundation.

Sejal Khatri

For the second part of my Internship, I started conducting user testing sessions, solved some discovered issues right away and for others I opened issues on GitHub. Major part was getting in touch with Dashboard users from all across the world (Israel, Canada, USA, Egypt, Serbia, Czech Republic), interacting with them, organizing user testing sessions and helping them with their frustrations and understanding their needs.

Issues resolved:

- Take care of the condition when data for calculating Article Page Views is not available
- Improve styling of DayPicker div in the Create New Course Page. - Made it accessible on all the browsers.
- Add explanation for the submitted field in the course details section
- Improve the page layout for course cloned page and add validation for the title input in the details section of course page

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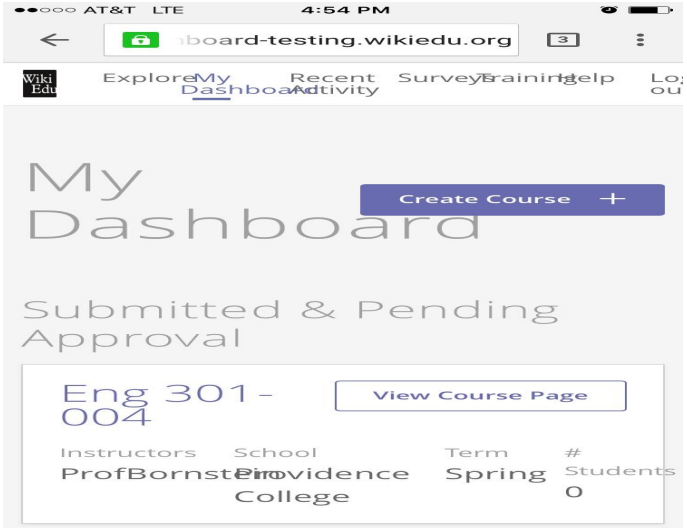
Enhance usability of Wikimedia Programs and Events Dashboard managed by Wiki Education Foundation.

Sejal Khatri

For the third part of my Internship, I started working on enhancing the usability of Dashboard on Mobile devices. The navigation bar was overcrowded, so to make it accessible I replaced it with hamburger menu layout. Solved problems like the overlapping of course details columns and inflexibility in using the Dashboard features on small screen devices.



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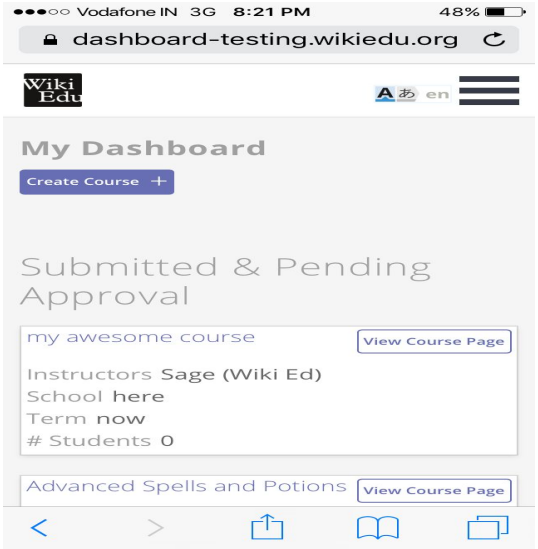
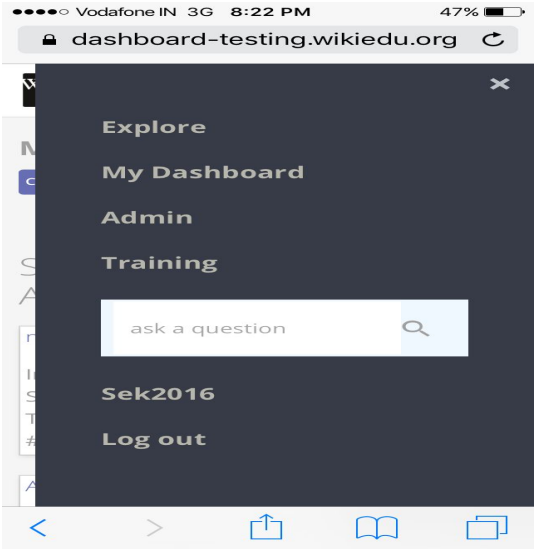
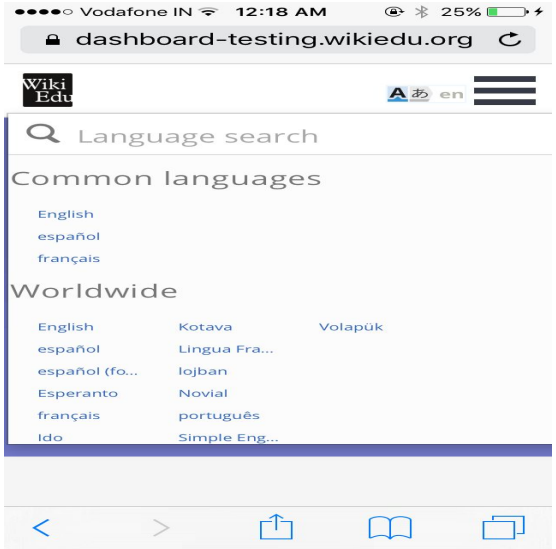
Enhance usability of Wikimedia Programs and Events Dashboard managed by Wiki Education Foundation.

Sejal Khatri







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Automatic editing suggestions and feedback for articles in Wiki Ed Dashboard

Keerthana S

The idea of the project was to try and use ORES (Object Revision Evaluation Service) as a tool to provide some automatic feedback on the articles being edited by the users of the dashboard.

The ORES predicted article grade was used to give the users some insight on what their article might be missing and what sort of improvements can be done to an article.

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ORES features like number of references and number of citations can be used to provide some additional feedback. I have documented the ORES features which can be used to build some automatic feedback.

The later part of my internship dealt with adding a custom feedback section where the students can view custom feedback from instructors and other dashboard users along with automatic feedback.

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Allow Programs & Events Dashboard to make automatic edits on connected wikis

Medha Bansal

The WikiEduDashboard code runs two main projects: the Wiki Education Foundation Dashboard(for programs focused on higher education in the US and Canada) and the Wikimedia Programs & Events Dashboard(for the global Wikimedia community).

The Wiki Education Foundation Dashboard has several automatic editing capabilities. The automatic edits — on-wiki program pages, and userpage and article talk templates that link to them — let other editors easily figure out where new editors are coming from, which editors are working together, and who is leading the project.

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Allow Programs & Events Dashboard to make automatic edits on connected wikis

Medha Bansal

With increase in general(non US/Canada university students) userbase, the idea of my project was to bring the automatic editing feature to the P&E Dashboard, so it is at par with the Wiki Education Foundation Dashboard as

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Thank you!