

USER VODNOKON4E - WIKIMEDIANS OF BULGARIA UG

USER BASE - WIKIMEDIA UKRAINE

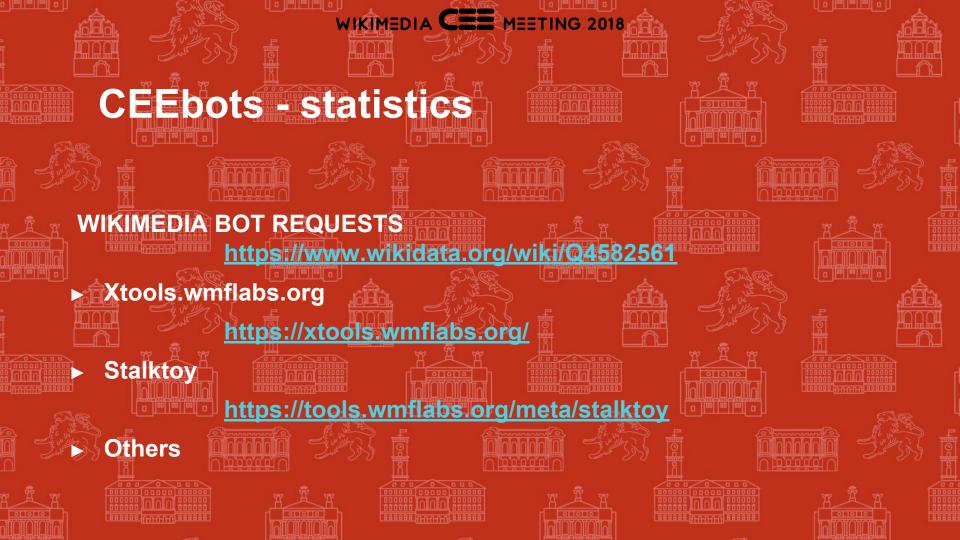






## CEEbots—the idea

- ► TO STIMULATE GROWTH FOR ALL WIKIMEDIA PROJECTS OF THIS REGION AND AID IN COOPERATION AND UNDERSTANDING OF INDIVIDUAL PROJECTS WHICH ARE PART OF THE CEE REGION.
- ► A BROAD PROJECT TO "LINK-UP" THE CEE WIKIS IN MUTUAL COOPERATION.
- ▶ Place Cape town, Wikimania 2018
- ► Participants: Andrei Cipu, User:Base, User:Masti and User:Vodnokon4e (All credits go to User:Masti as initiator).





## CEEBots - Statistics

Leading 3 countries

214 (finished only)

18 ongoing

Poland 162 (finished only

Russia

https://ru.wikipedia.org/wiki/Википедия:Запросы к ботоводам

https://ru.wikipedia.org/wiki/Википедия:Запросы к ботоводам/Архив

Poland 162 (finished only) https://pl.wikipedia.org/wiki/Wikipedia:Zadania\_dla\_botów/Archiwum/wykonane/2018

Ukraine 37 (ongoing)

(ongoing) <u>https://uk.wikipedia.org/wiki/Вікіпедія:Завдання\_для\_роботів</u> archived <u>https://uk.wikipedia.org/wiki/Вікіпедія:Завдання\_для\_роботів/Архів\_7</u>



### **CEEBots - Statistics**

### In alphabetical order

Belarus

Bulgaria

BiH

Albania no page
Armenia 0 https://hy.wikipedia.org/wiki/Վիքիպեդիա։Բոտի կարգավիճակի դիմումներ

Azerbaijan 0 <u>https://az.wikipedia.org/wiki/Vikipediya:Botlar/isteklər</u>

https://be.wikipedia.org/wiki/Вікіпедыя:Заданні для ботаў https://be-tarask.wikipedia.org/wiki/Вікіпэдыя:Рабатызацыя

no page https://bg.wikipedia.org/wiki/Уикипедия:Бот/Задачи

Croatia no page Czech 18 <u>https://cs.wikipedia.org/wiki/Wikipedie:Bot/Žádosti\_o\_provedení\_práce</u>



## **CEEBots - Statistics**

In alphabetical order

no page

Estonia

Georgia

Greece

Hungary

Lithuania

Romania

Serbia

Macedonia

Latvia

no page

no page

https://el.wikipedia.org/wiki/Βικιπαίδεια:Δουλειές για bots

https://hu.wikipedia.org/wiki/Wikipédia:Botgazdák üzenőfala

https://lv.wikipedia.org/wiki/Vikipedija:Botu pieprasījumi

https://mk.wikipedia.org/wiki/Википедија:Барање на бот услуги/заглавие

https://ro.wikipedia.org/wiki/Wikipedia:Sarcini pentru roboti

https://sr.wikipedia.org/wiki/Википедија:Ботови/Задаци

### **CEEBots - Statistics**

In alphabetical order

Slovakia 0 <u>https://sk.wikipedia.org/wiki/Wikipédia:Úlohy pre botov</u>

no page

Slovenia

Kazakhstan

Turkey

https://tr.wikipedia.org/wiki/Vikipedi:Botlar/İstekler

no page

Bashkortostan 1 <a href="https://ba.wikipedia.org/wiki/Википедия:Бот хужаларына hopayзар">https://ba.wikipedia.org/wiki/Википедия:Бот хужаларына hopayзар</a>

- \* Some of the smaller wikis were active in the past, but no bot requests in the last year.
- \* As of end of 2018 a big gap between the leading 3 wikis and the others.
- \* No activity at all for some of the wikis it is not sure do they have own bots or at lease they are not active.

### **CEEbots** - Plan

Wikimedia Central and Eastern Europe/Bot Requests - created

https://meta.wikimedia.org/wiki/Wikimedia Central and Eastern Europe/Bot Requests

On this page you can make a request to bots, computer programmes which take your routine and give you time to write articles instead, related to any Central and Eastern Europe language or multilingual wiki.

You may write in any CEE language. We will figure it out.

- Informing users about possibilities village pumps, forums, discussions, meetings
- Creating/receiving requests
- Communication clarifying, questions from bot operators
- ▶ Work
- Measurement, feedback, corrections in the flow

# Wikimedia Central and Eastern Europe/Bot Requests

https://meta.wikimedia.org/wiki/Wikimedia Central and Eastern Europe/Bot Requests

### Wikimedia Central and Eastern Europe/Bot Requests

< Wikimedia Central and Eastern Europe



This page is currently a draft. More information pertaining to this may be available on the talk page.

Translation admins: Normally, drafts should *not* be marked for translation.

On this page you can make a request to bots, computer programmes which take your routine and give you time to write articles instead, related the control and Eastern Europe language or multilingual wiki.

You may write in any CEE language. We will figure it out.

What a request can be like?

Alternatives: • User scripts • SQL queries | Want to help?

Active botmasters: Base, Masti, Vodnokon4e

Request title: e.g. Rename category on Polish Wikipedia

**New request** 

# Wikimedia Central and Eastern Europe/Bot Requests

https://meta.wikimedia.org/wiki/Wikimedia Central and Eastern Europe/Bot Requests

What a request can be like?

### **Good requests:**

Replace all A to B in pages in Category:Cats

Change X to Y in articles I've created

Remove template G voted to be deleted

Website foo.bar is now on domain foobar.com, change the links

Replace the word A to B but only when A does not follow the word C

Patrol all the pages created by user A never edited by anyone but A and admins

Delete all talk namespace redirects with no links to them

List most editing contributors

# Wikimedia Central and Eastern Europe/Bot Requests

https://meta.wikimedia.org/wiki/Wikimedia Central and Eastern Europe/Bot Requests

What a request can be like?

**Good requests:** 

Calculate average size of edits made by user X in June 2017

List smallest articles of category Y excluding disambiguations

List unfree files used in articles about people without date of death

Add a template/text on top or bottom of a page

Delete broken redirects to a page

Fixes disambiguation pages to a certain page

# Wikimedia Central and Eastern Europe/Bot Requests

https://meta.wikimedia.org/wiki/Wikimedia Central and Eastern Europe/Bot Requests

What a request can be like?

Bad requests:

Replace the word A to B but only where A means X and not Z. (How would the bot know which meaning is used?)

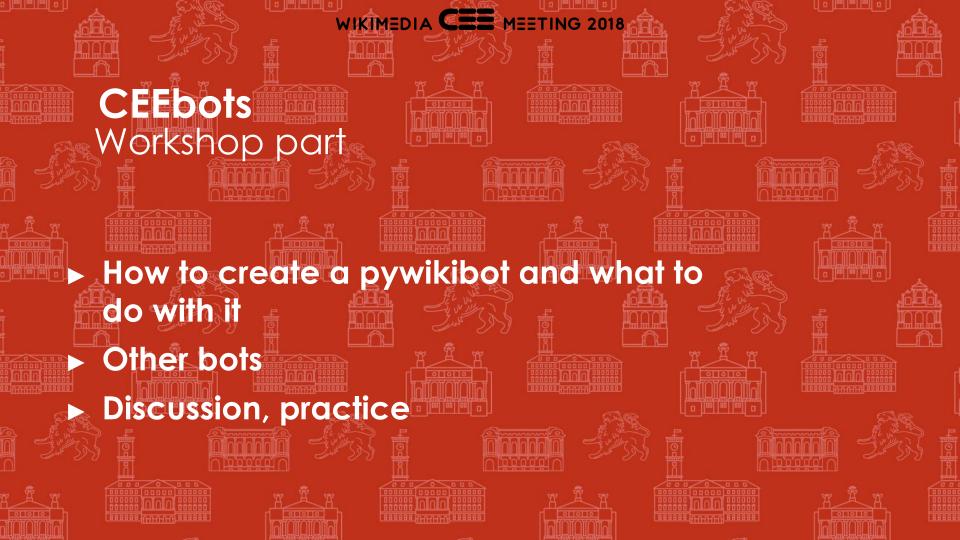
I have seen X on several pages, change it to the correct value (Where? What is correct?)

A can be called X or Y in my language but I like Y more, replace all X to Y (Too insubstantial, requires consensus)

### CEEbots - Problems, reality, solution, goals

- ▶ (Possible) problems
- Idea is not propagated enough in local wikis not enough people interested communicate the idea again and better to receive requests, actual work that can help local communities
- No person for communication/ translation of the request not enough people interested, no free person at the moment communicate the idea again; wait? involve more people in the process
- Problems in communication not exactly what was needed correction and start the process again
- **▶** Technical problems:
- Request is too unclear, not possible to perform very often users are not aware what exactly bots can do better explanation, creating help pages, better documentation—to improve the flow, to receive better requests and to perform them without errors
- Bot Issue? not possible to perform? Too wide request? ???
- Not enough resources? No bot available? ???





## Pywikibot Overview

What is Pywikibot?

Pywikibot is a Python library and collection of scripts that automate work on MediaWiki sites.

### https://www.mediawiki.org/wiki/Manual:Pywikibot



### **Pywikibot** how to create?

page

blog tribute

port help

tracker

e docs

imedia

nnology

imedia

iences

istics

▶ Is it so hard? No, definitely it isn't – anyone can do it. Just follow the instructions.

https://www.mediawiki.org/wiki/Manual:Pywikibot/Installation



## Running Pywikibot on PAWS

2. click 'New' on the right hand side, and

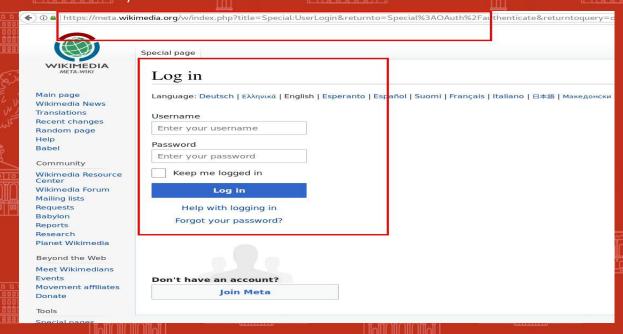
PAWS: A Web Shell is the easiest way to get started with Pywikibot. You have to perform 3 easy steps and to request a bot flag on wiki (in the meantime you can test it on test wiki).

page	liawiki.org/wiki/Manual:Pywikibot/PAWS	ಪ∣ ಆ ∫ ಅSearch
MediaWiki extensions		
blog	Translate this page	
ribute	Other languages:	Bahasa Indonesia。• Deutsch <b>a • Englisha •</b> española • françaisa • italiano • • polskia • čeština = • Еλληνικά = • русский = • українська в •
port	See Wikitech:PAWS for more details.	
help	This document provides a quick interactive overview of Pywikibot using a notebook hosted on the Wikimedia labs environment using PAWS (PAWS: A Web Shell).	
nical manual oort desk munication	Note PAWS Terminal supports copy and paste in Chromium-based browsers only (Google Chrome, Opera and Safari are fine). If you use a different browser, you will need to man mentioned in this walk-through. You can also create a bash file with in content the command and call in terminal with bash file.sh.	
elopment	Contents [hide]	
tracker	1 Create a Wikimedia account	
e repository	2 Sign into a notebook	
docs	3 Start a terminal	
stics	4 Login to the wiki	
media	5 Create a page	
nology	6 Fetch a page	
media ences	7 A real script example	
THE TOTAL	8 Inside Pywikibot	
iaWiki.org	9 Accessing online documentation in PA	ws.
munity portal	10 Editing Pywikibot scripts	
nt changes	11 See also	
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ent issues	Create a Wikimedia account [ed	it source ]
ibox	To follow this walk-through, you only no	ed a Wikipedia/Wikimedia account. Use Special:CreateAccount to create one.
/export		9-30-001 (1995)
te a book	Once you have created an account, ple	ase visit https://test.wikipedia.org/ $\mathscr E$ and check that your username appears in the top right corner (this works around T120327).
nload as PDF	Sign into a natabask at the same I	
able version	Sign into a notebook   edit source	
roder commence of the second	To start a hosted notebook, go to https:	//paws.wmflabs.org@
5	Click "Sign in with MediaWiki", and the	click "Allow" when asked to approve "Use OAuth for Authentication". The first time you access PAWS, you need to create a server. Click the
t links here	minutes for the new server to start up.	
ted changes		
ad file	Once that is completed, you will be rec	irected to a URL like https://paws.wmflabs.org/paws/user/ <username>/tree</username>
ial pages	St. 1	
nanent link	Start a terminal [edit source]	
information this page	To start a new interactive terminal,	



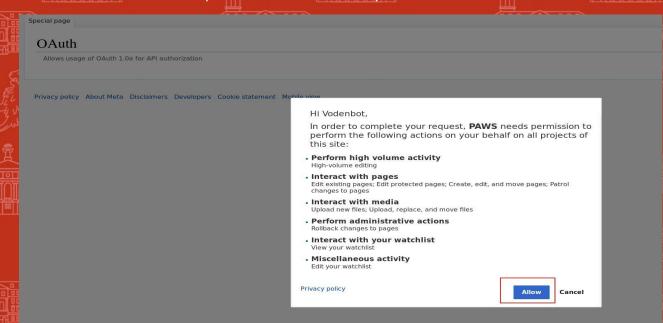
Even before you got the bot flag, you can start work with your bot.

1. Log in to Meta with your bot account.



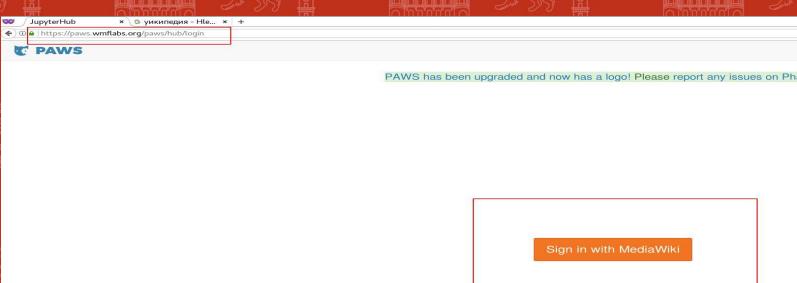


Click "Sign in with MediaWiki", and then click "Allow" when asked to approve "Use OAuth for Authentication". The first time you access PAWS, you need to create a server.



## How it works — is it so hard? NO, it isn't.

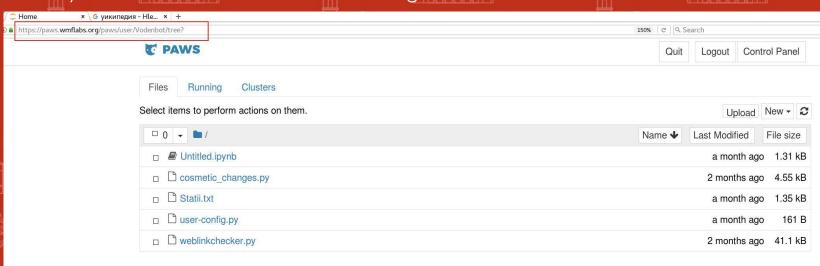
After that every time you will be redirected automatically.



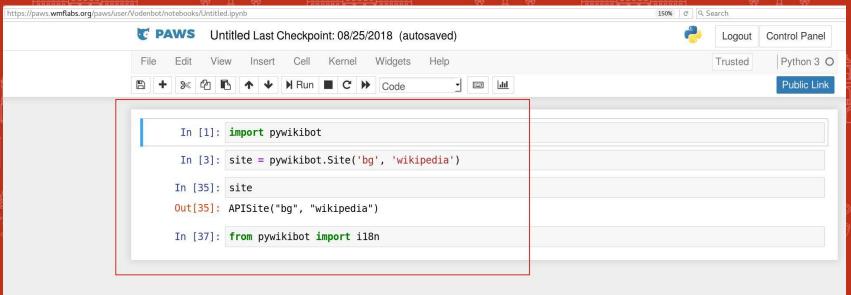


Start a terminal.

Go to your PAWS home, click 'New' on the right hand side, and select 'Terminal'.

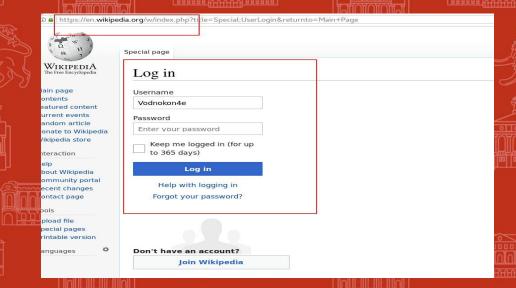


You don't have to write or install anything – script, packages. The only thing you need is your notebook (you even don't have to rename it as it is in your folder). It has only few lines trat you need and you can change easily.





The best part is that you still can use your personal (not bot) account) for Wikipedia and both accounts can work together without problems and multiply your work, even without staying on your PC. You only need to log in to Wikipedia with your personal account. You can run even several terminals (several bots) and your own account simultaneously.



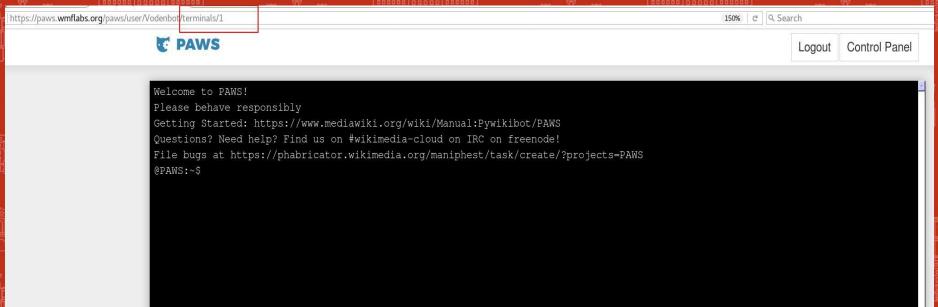


## How it works — is it so hard? NO, it isn't. Nut how it looks?

Start a terminal.

Go to your PAWS home, click 'New' on the right hand side, and select 'Terminal'.

Here is the terminal.



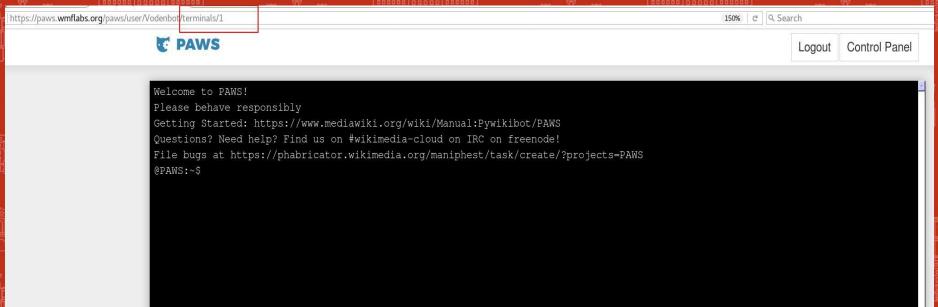


## How it works — is it so hard? NO, it isn't. Nut how it looks?

Start a terminal.

Go to your PAWS home, click 'New' on the right hand side, and select 'Terminal'.

Here is the terminal.



Lets check some common error on a wiki and run a bot that will fix it.

- 1. Find the error you want to fix find the problem
- Error: No empty space between comma and following square brackets
- 2. Choose a script to fix it and create a command (define what you want to do, where) in terminal. In that case it will be the easiest script replace.py

and [[

```
Welcome to PAWS!

Please behave responsibly

Getting Started: https://www.mediawiki.org/wiki/Manual:Pywikibot/PAWS

Questions? Need help? Find us on #wikimedia-cloud on IRC on freenode!

File bugs at https://phabricator.wikimedia.org/maniphest/task/create/?projects=PAWS

@PAWS:~$ pwb.py replace.py -ns:0 -start:! ",[" ", [" -search:",["
```

Run the command and describe your work in the summary (you can do that in two ways).

```
@PAWS:~$ pwb.py replace.py -ns:0 -start:! ",[" ", [" -search:",["

The summary message for the command line replacements will be something like: Bot: Automated text replacement (-,[+, [)
```

Press Enter to use this automatic message, or enter a description of the changes your bot will make:



This is a pywikibot at work. And it is working fast....

```
were necessary
No changes were necessary in [[1417]]
No changes were necessary in [[1418]]
No changes were necessary in [[1419]]
No changes were necessary in [[141 (число)]]
No changes were necessary in [[141 г. пр.н.е.]]
No changes were necessary in [[142]]
No changes were necessary in [[1420]]
No changes were necessary in [[1421]]
No changes were necessary in [[1422]]
No changes were necessary in [[1423]]
No changes were necessary in [[1424]]
No changes were necessary in [[1425]]
No changes were necessary in [[1426]]
No changes were necessary in [[1427]]
No changes were necessary in [[1428]]
No changes were necessary in [[1429]]
·No changes were necessary in [[142 (число)]]
No changes were necessary in [[142 r. mp.H.e.]]
No changes were necessary in [[143]]
No changes were necessary in [[1430]]
No changes were necessary in [[1431]]
```

When you find a problem: check it and decide what you are going to do. If there are no errors in script or false positive – you can run the bot in automatic mode and go for a coffee or a beer. It will do your work.

Bot will show in terminal the wrong case, display the solution in green colour and ask for next step.

You simply can choose a for [a]II - the bot will continue in fully automated mode. If you are still not sure – you can click **y** for **y[es]** for this case and check next in semi-automated mode. It's good to verify at least several cases, before continue in fully automated mode.

