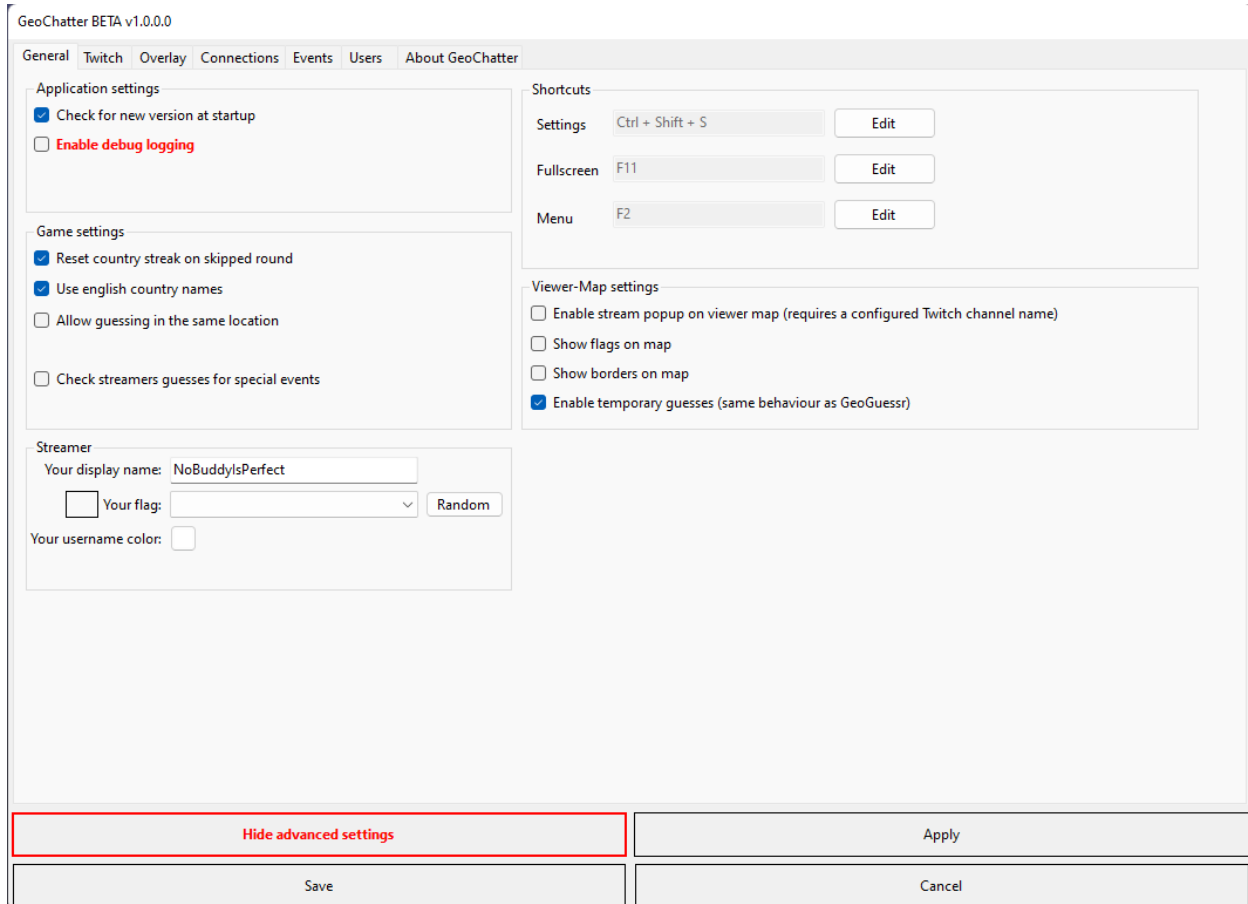# Documentation

Basic configuration

When you first start GeoChatter, you need to make some basic configuration settings.
Within the settings dialog you have several tabs that you should familiarize yourself with:

General

On the general tab you can make basic software settings.

Application settings
- "Check for new version at startup"
  Contacts the GeoChatter server to check for any updates
- "Enable debug logging"
  Enables extensive logging (only needed when requesting support)

Game settings
- "Reset country streak on skipped round"
  When a viewer does not submit a guess in a round, their country streak is reset to 0
- "Use English country names"
  Ensures English names on non-english operating systems
- "Allow guessing in the same location"
  Enables viewers to submit the same guess in subsequent rounds

If you have any questions or problems, do not hesitate to contact us on discord: https://discord.gg/bsrJuDjUxm

- "Check streamers guesses for special events"
  Includes the streamers guesses when checking for special distance or score events (see Events tab)

Streamer
- "Your display name"
  Customize your name on the scoreboard here
- "Your flag"
  Choose a flag to display next to your name on the scoreboard
- "Your username color"
  Customize the color of your username on the scoreboard

Shortcuts
- Customize the listed keyboard shortcuts here

Viewer-Map settings
- "Enable stream popup on viewer map"
  If you have your Twitch channel name configured (see Twitch tab), you can automatically open your stream in a small popup on your viewers maps
- "Show flags on map"
  If enabled, viewers can see the actual flags when choosing a flag for their username and when clicking on a country on the map
- "Show borders on map"
  if enabled, the currently selected countries borders are going to be highlighted on the map
- "Enable temporary guesses"
  Enables behavior like GeoGuessr, where a viewer's guess is temporarily registered as soon as they click the map. If the viewer does not click the guess button before the guesses are closed, this guess will be used as their final guess.

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Twitch

Enable Twitch chat messages

To enable the Twitch exclusive features, you need to enable and configure Twitch chat messages.

Enter your Twitch channel name and click one of the authorization buttons.
If you want to send Twitch chat messages with the account you are currently using inside your default browser, click the "Authorize automatically" button.
If you want to use a different account, click the "Authorize manually" button, open a browser window and paste the copied address into the address bar and press enter. Log in with the desired Twitch account and give it access.

Below your account settings, you can configure which chat messages should be sent by GeoChatter and you can modify the text.
ATTENTION: For now, you need to keep the numbers like "{1}" in the correct order. They correspond to text fragments like the Playername that are inserted into the messages

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Overlay

The Overlay tab let's you configure everything that is displayed during/after rounds and games in GeoChatter. You can set the distance units to use, modify the look and behavior of the scoreboard and choose what kind of flags to display.

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Connections

On the connections tab you can configure the connections to Streamer.Bot and OBS.
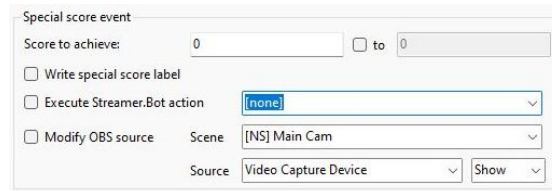
Both connections are optional. In both cases you need to enable the websocket server in the respective program.
If you want to trigger events in either, you need to check the corresponding "Connect at startup" checkbox.

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Events

The Events tab gives you the option to trigger events in OBS and/or Streamer.Bot. To utilize those, you will need to configure the corresponding connection on the Connections Tab and enable the "Connect at startup" checkbox.

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Special Score & Special Distance Event:
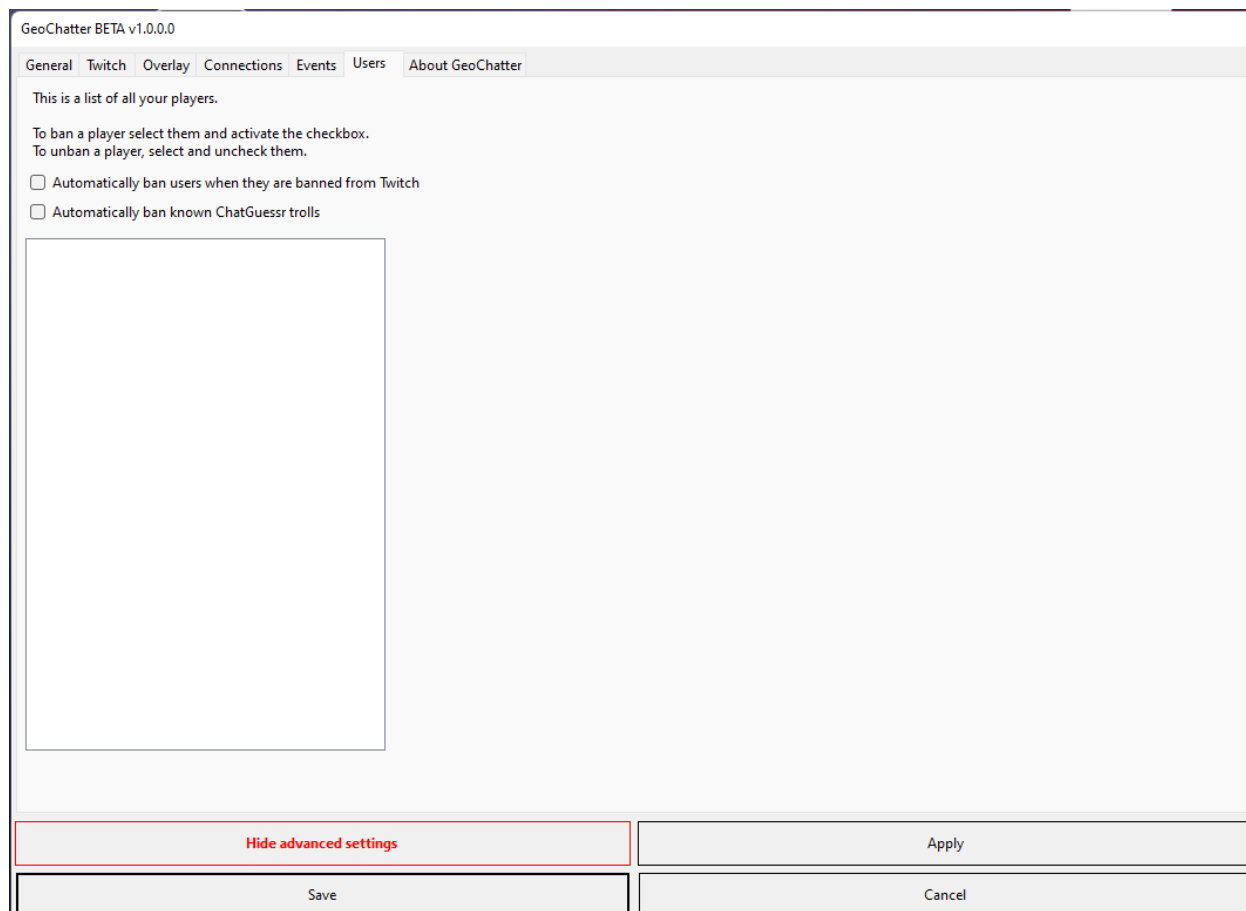
You can either configure a certain score that must be hit exactly or a range the score has to be in. When the condition is met, the selected Streamer.Bot action is triggered and/or the selected OBS source is shown/hidden/toggled.
To execute the selected action/source, the checkbox in front of it must be checked.
You can also decide to write the name of the person who hit the target into a text file. The file will be named "SpecialScore.txt" and will be saved in the path configured under "Labels".

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Users

The Users tab gives you the option to ban certain users from making guesses in GeoChatter.

To do so simply check the checkbox of the user and click on "Save". Form that moment on, the Viewers guesses are ignored and when they ask for their stats by using "!m" or "!me", they will be informed that no stats will be shown because they are banned. Obviously, they will also be banned from using any other command!

You can also configure GeoChatter to automatically ban players when you ban them on Twitch.
To do so, simply check the checkbox above the players list.

Flag manager

The flag manager is a tool to install official and custom flag packs.
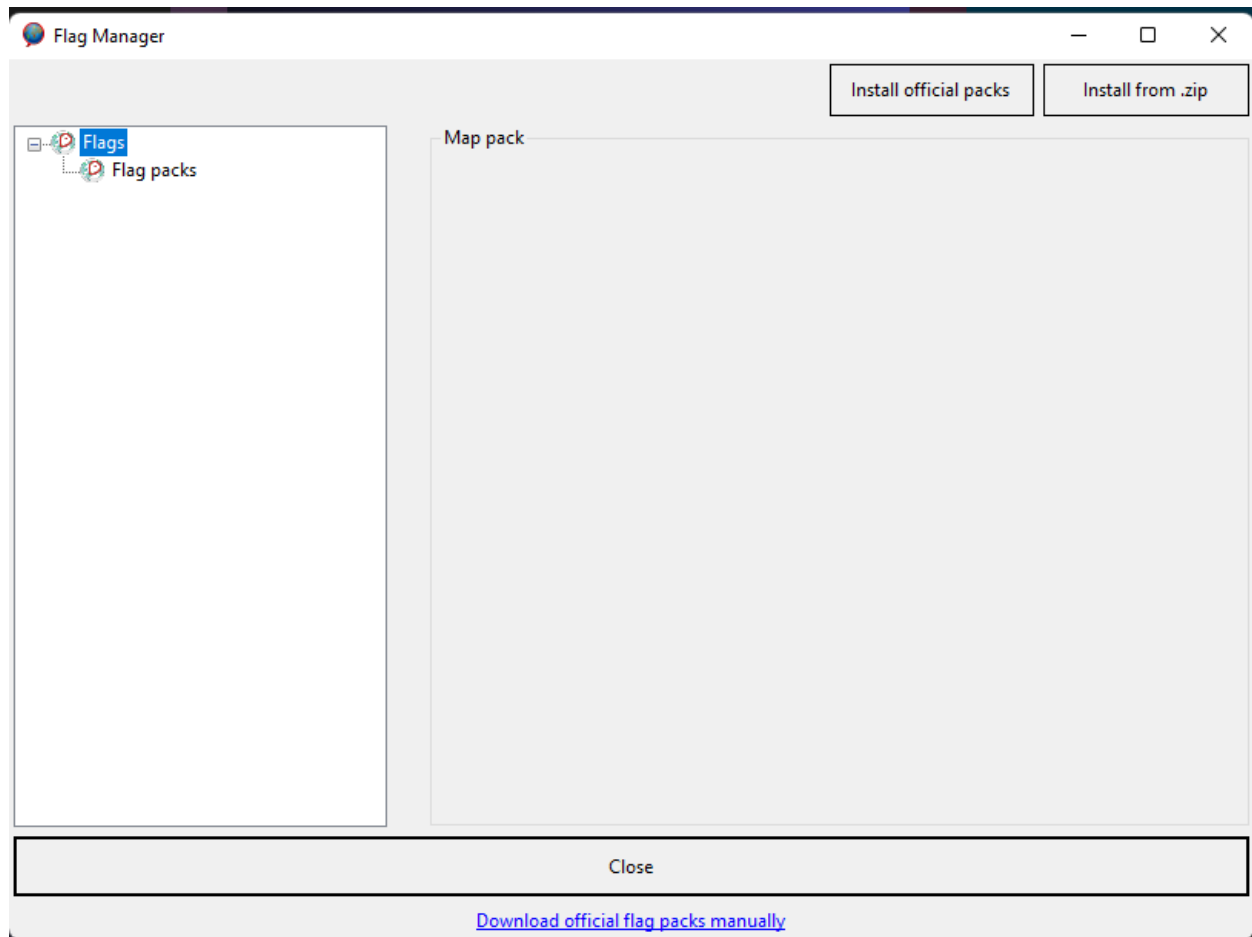
To install an official flag pack simply click on the "Install official packs" button, select the flag packs you would like to use and click "Install"

Custom flag packs

A custom flag pack consists of a descriptive JSON file and the flags packed in a zip file.

The flag pack needs to have a unique name, since the flag pack name is used as the folder name to store the flags.

Flags need to be in SVG format and have a maximum size of 25x25 pixels.

The sample below shows the structure of the JSON file and the zip file.

The JSON consist of three elements:

- Name: The unique name of the flag pack
- Description: A description of the pack
- Flags: The collection of flags included in the pack
- Each flag entry consists of the filename as the key and an alternative code to use in chat as the value

Sample JSON structure:

```
{
   "Name": "SamplePack",
   "Description": "This is the first FlagPack",
   "Flags": {
      "pirate":"pirate flag",
      "ger":"german flag",
      "WLS": "wales2",
      "LOMB": "lombardy2",
   }
}
```

Within the zip file all files should just be put into the root of the zip file:

- MyPack.zip
-- flagpack.json
-- pirate.svg
-- ger.svg
-- WLS.svg
-- LOMB.svg

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Within the flag manager you have a button "Install flag pack" to install custom flag packs.
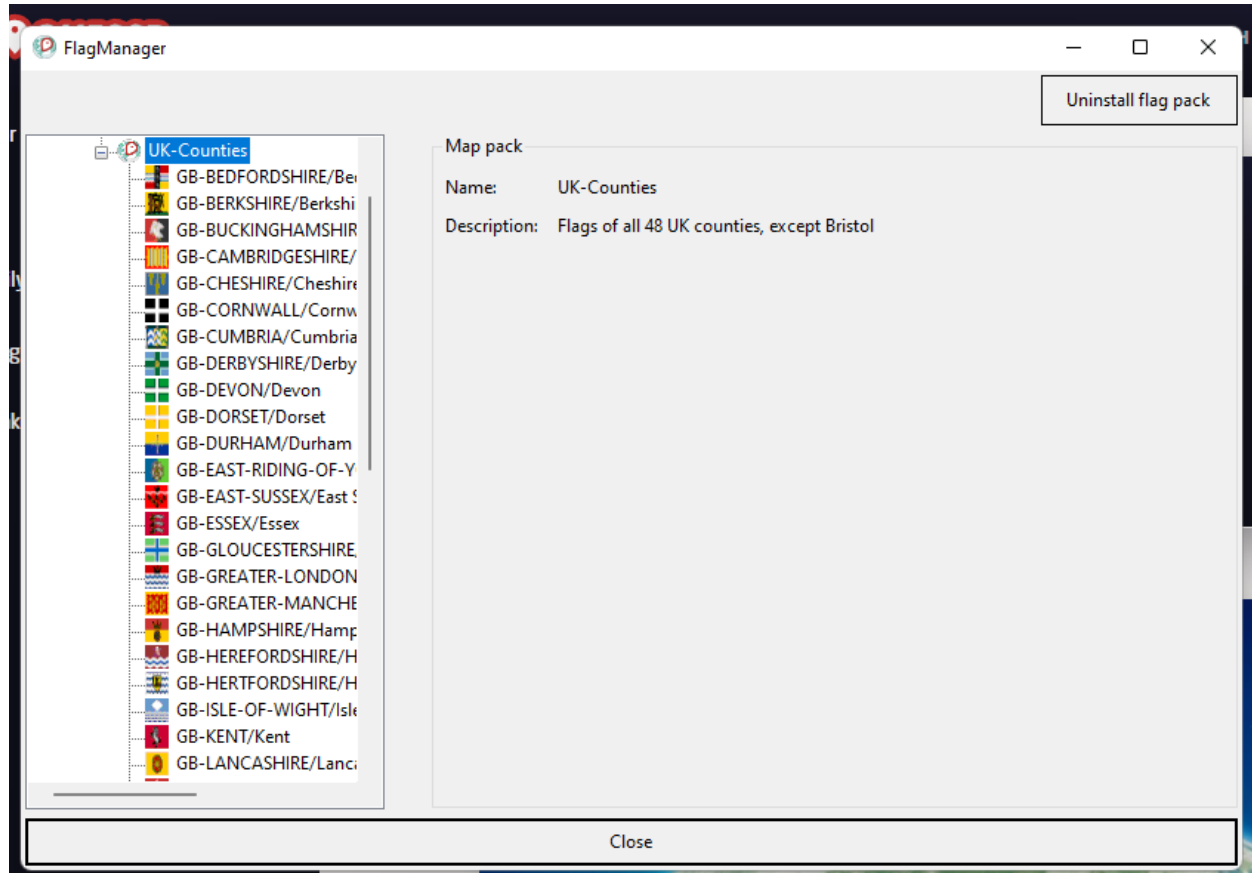
To uninstall a flag pack, select the flag pack in the tree view and click "Uninstall flag pack"

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Command manager

The command manager offers you the ability to modify the existing chat commands.

User Level		Trigger	Command Name	Aliases	Description	Cooldown	Msg Cooldown	Enable
Viewer	∨	!	random_guess	random_plonk randomplonk randomguess	Send a random guess	5.00	0.00	☑
Viewer	∨	!	randomBotGuess		Create a random bot guess	0.00	0.00	☑
Viewer	∨	!	flagof		Get the flag of given player	3.00	0.00	☑
Viewer	∨	!	flag	f	Set flag to given flag	3.00	0.00	☑
Viewer	∨	!	colorof		Get the color of given player's name	3.00	0.00	☑
Viewer	∨	!	color	c	Set color to given color name or value	3.00	0.00	☑
Viewer	∨	!	me	m	Get personal statistics	15.00	0.00	☑
Viewer	∨	!	gc	geo cg	Get guessing map link	10.00	0.00	☑
Viewer	∨	!	best	b	Get best channel statistics	15.00	0.00	☑
Viewer	∨	!	map		Get information about the map	15.00	0.00	☑
Viewer	∨	!	geochatter		Get information about the GeoChatter	15.00	0.00	☑
Viewer	∨	!	colors	gc_colors gccolors	Get a link of an image showing available nam...	8.00	0.00	☑

Save Changes

For each command you can modify the following values:

- User level
  Here you can choose from which user level the command should be available
  (Broadcaster can execute all commands, Moderate all but "Broadcaster" and Viewer all but
  "Broadcaster" and "Moderator")

- Trigger
  You can define different trigger character if you want to

- Command name
  This is the main command name that can be used in chat

- Aliases
  This is a list of aliases users can use in chat. To add new aliases simply append them with a
  space.

- Description
  The description (only visible to you)

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- Cooldown
  The time in seconds between executions of the command. 5.00 mean the command can only be triggered every 5 seconds

- Msg cooldown
  The amount of time between chat messages sent by the command as a reply to being triggered.
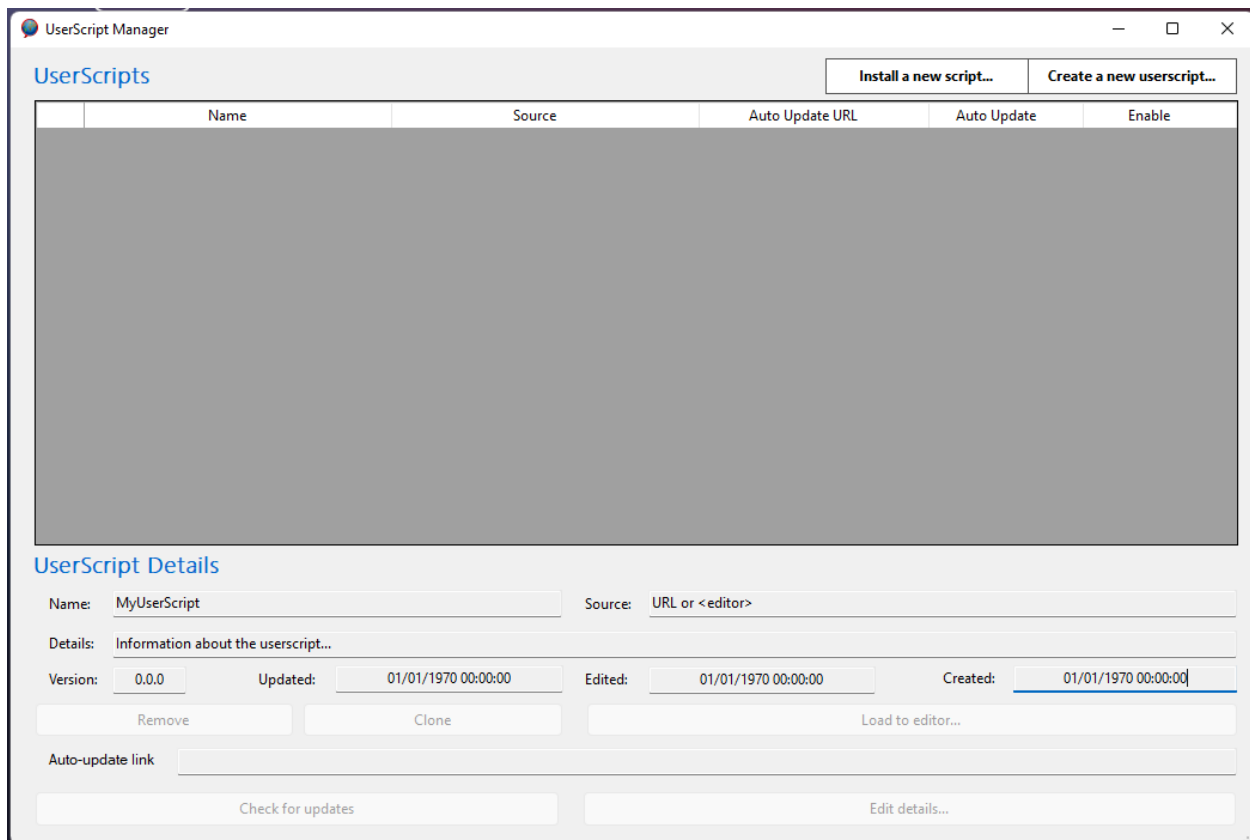
  EXAMPLE:
  If the cooldown is set to 5 seconds, but the msg cooldown is set to 30 seconds only every sixth execution of the command will send a message to chat

- Enable
  Checkbox to enable or disable the command all together.

User scripts

Thanks to our user script manager you can install any javascript extension that you are used to using with GeoGuessr.

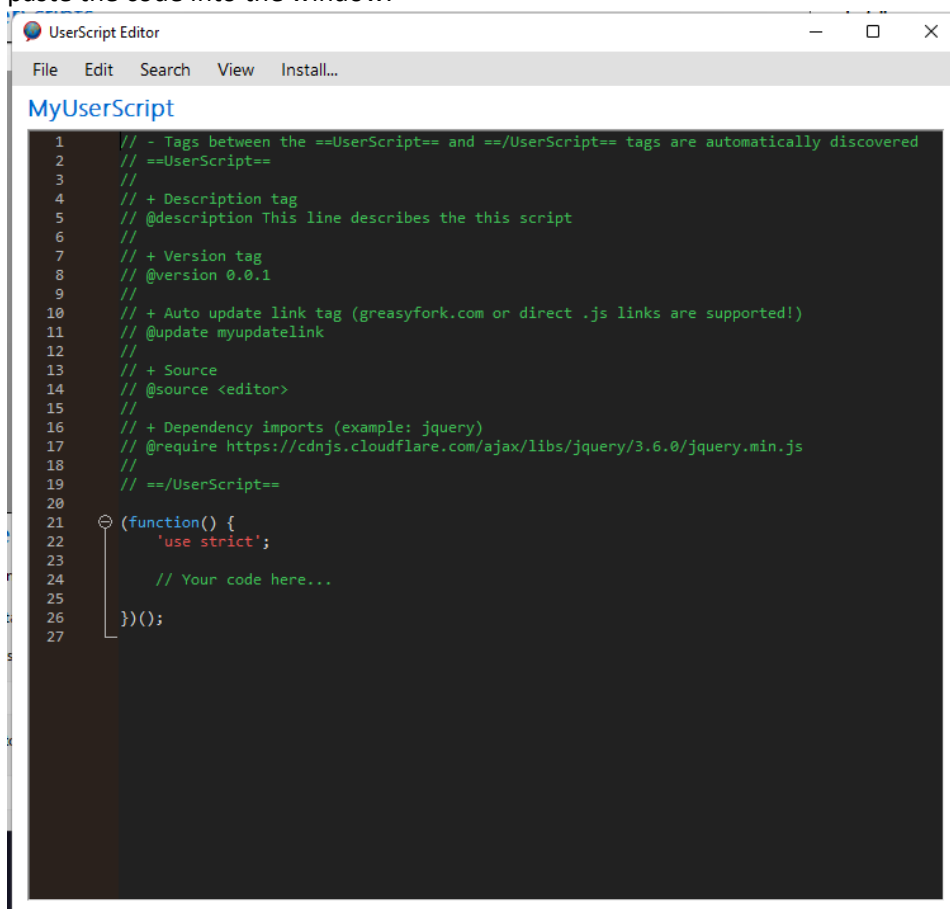You have to ways of loading a script:

- Install a new script
  If you have the URL of a script you would like to install, simply click the "Install a new script" button, give the script a descriptive name and paste the URL into the appropriate field.
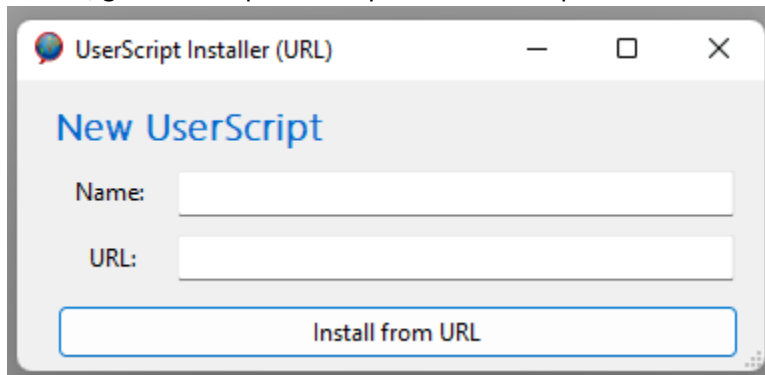
- Create a new script
  If you have that actual code of a script you would like to add simply click "Create new script" and paste the code into the window.