



# Documentation

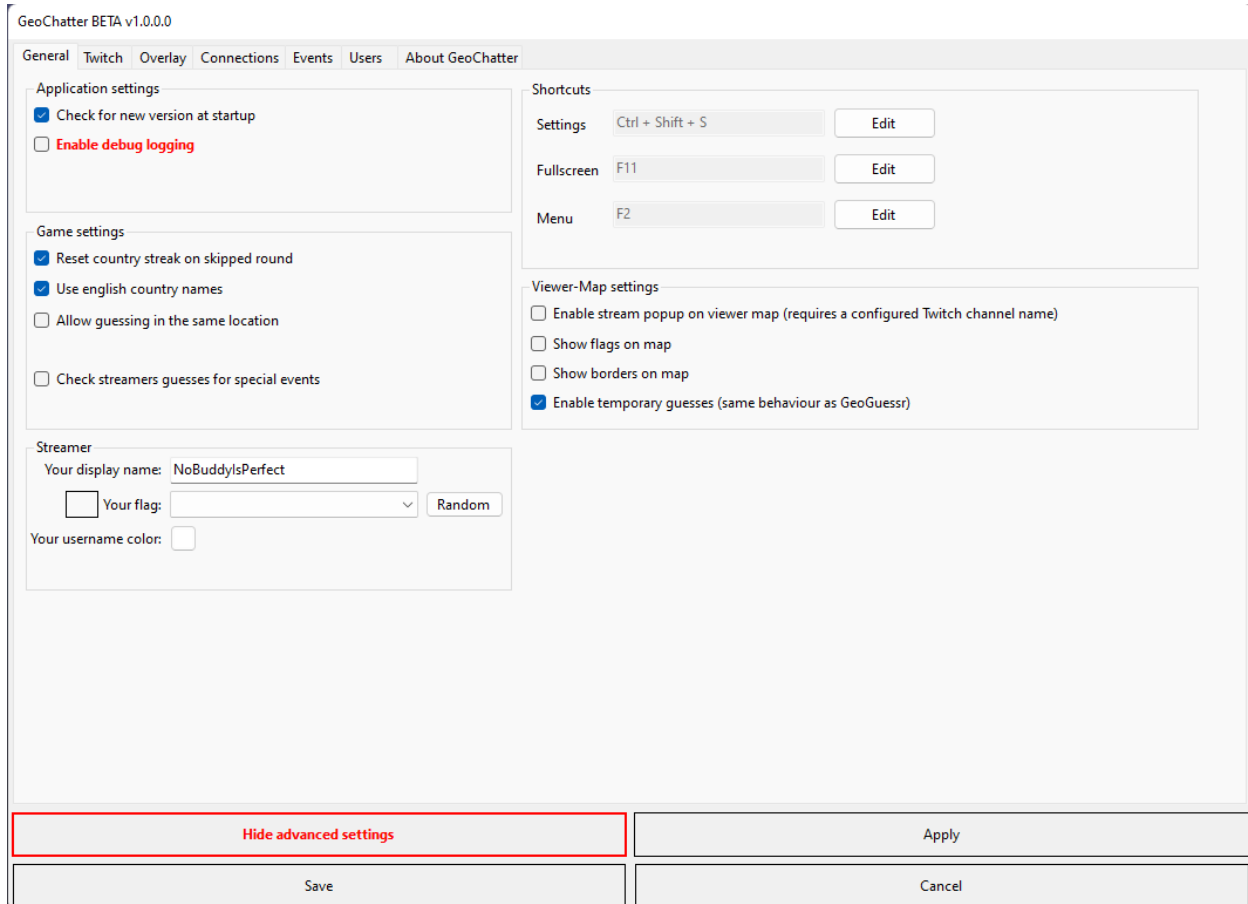
## Basic configuration

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:

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

## General



GeoChatter BETA v1.0.0.0

General Twitch Overlay Connections Events Users About GeoChatter

**Application settings**

- ☒ Check for new version at startup
- ☐ Enable debug logging

**Game settings**

- ☒ Reset country streak on skipped round
- ☒ Use english country names
- ☐ Allow guessing in the same location
- ☐ Check streamers guesses for special events

**Streamer**

Your display name:

☐ Your flag:  Random

Your username color:

**Shortcuts**

Settings  Edit

Fullscreen  Edit

Menu  Edit

**Viewer-Map settings**

- ☐ Enable stream popup on viewer map (requires a configured Twitch channel name)
- ☐ Show flags on map
- ☐ Show borders on map
- ☒ Enable temporary guesses (same behaviour as GeoGuessr)

Hide advanced settings

Apply

Save Cancel

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

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- “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.

## Twitch

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☒ Enable Twitch chat messages

Twitch settings

Channel name:

The GeoChatter app will automatically receive the required token locally (without it ever leaving your PC!) and test that it works correctly! This token only gives GeoChatter permission to read & write chat & whisper messages.

☒ Send message on joining channel

☒ Send "Game starting" message

☒ Send "Round starting" message

☒ Send message to confirm received guess

☒ Send "Already guessed" message

☒ Send "Same location" message

☒ Send "Round finished" message

☒ Send "Game ended" message

☒ Send "Color selected" messages

☒ Send "Flag selected" messages

**Misc**

Chat_Msg_AvailableFlagPacks	Available flags in flag packs: <flagUrl>
Chat_Msg_AvailableFlags	Available flags: <flagUrl>
Chat_Msg_BannedStatsRequest	Sorry, no stats for you. You're banned, <playerName>
Chat_Msg_ColorAssignedMessage	<playerName> set their color to <color>
Chat_Msg_ColorNotFoundMessage	Sorry @<playerName>, could not find color <color>
Chat_Msg_ColorRandomMessage	<playerName> set their color to random
Chat_Msg_ColorRemovedMessage	<playerName> has requested to have their color removed
Chat_Msg_Colors	Available username color names: <a href="https://docs.geochatter.com/docs/colors">https://docs.geochatter.com/docs/colors</a>
Chat_Msg_Commands	Available commands: <commandUrl>
Chat_Msg_CurrentColor	@<playerName>, your current user name color is <color>
Chat_Msg_CurrentFlag	@<playerName>, your current flag is <flagName>
Chat_Msg_CurrentFlagTarget	@<playerName>, @<targetName>'s flag is <flagName>
Chat_Msg_CurrentTargetColor	@<playerName>, user name color of @<targetName> is <color>
Chat_Msg_CurrentVersion	Current version: <version>
Chat_Msg_doubleGuessRevealed	@<playerName>: You have already guessed!

### 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

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**Scoreboard settings**

Unit km/m

Round distances to 1 digits

Scoreboard font size 1 em

Scoreboard text color  Opacity (0-255) 255

Scoreboard background color  Opacity (0-255) 127

Scoreboard scroll speed 45 px/s

☐ Display correct location's flag on scoreboard

☐ Use different flag background for incorrect region guesses

☐ Display regional flags over country flags when possible

☐ Use US state flags

**Marker popup settings**

Choose which information you want to show on the info popup above a guess marker

☒ Current streak (e.g. "5 streak")

☒ Coordinates (e.g. "[FLAG]: -12.000, 7.000")

☒ Distance (e.g. "10400.8km")

☒ Score (e.g. "15 points")

☒ Guess time (e.g. "18.25s")

**General marker settings**

☒ Enable clusters/grouping

Number of markers to display on round end: 50

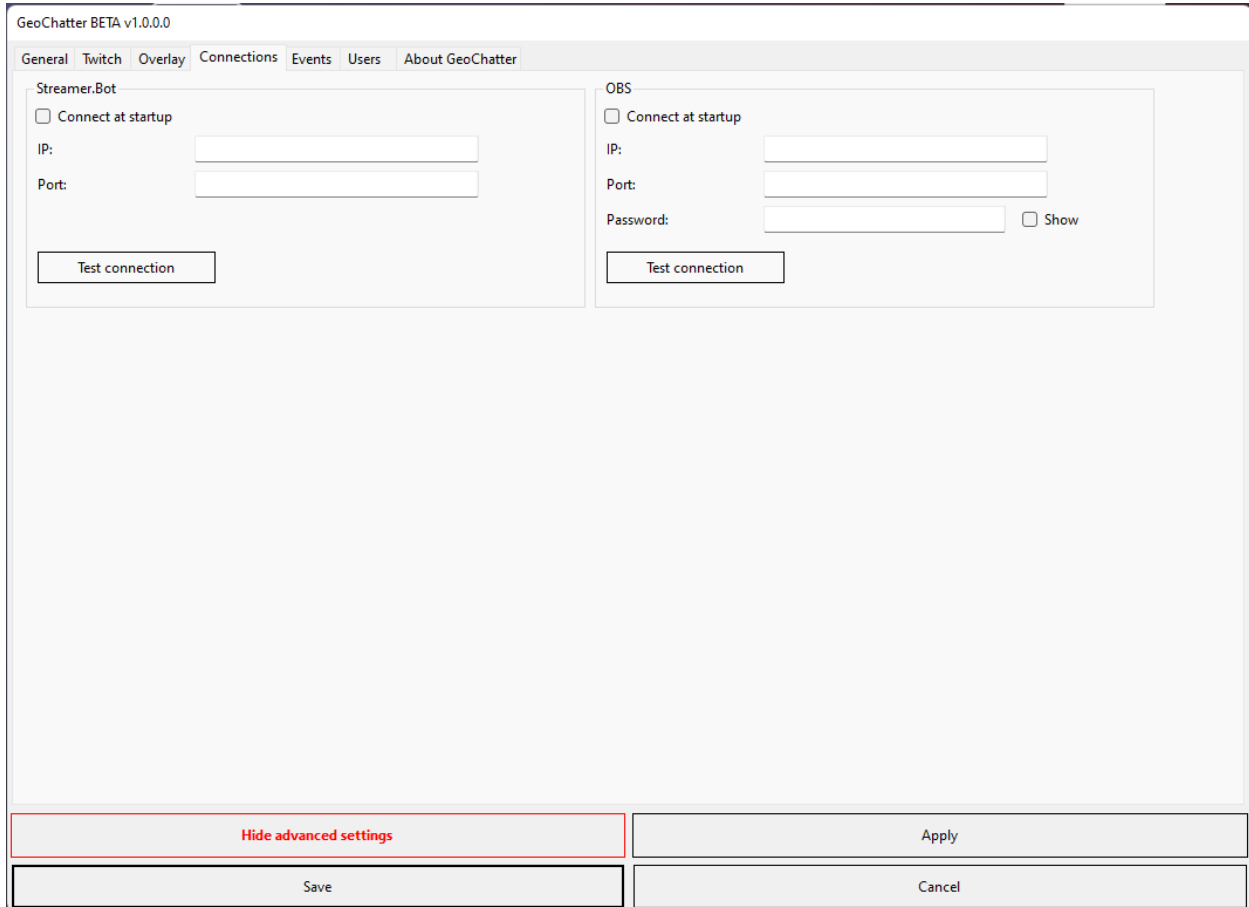
Display top X players guesses when showing guesses from selected rounds: 30

Hide advanced settings Apply

Save Cancel

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.

## Connections



GeoChatter BETA v1.0.0.0

General Twitch Overlay **Connections** Events Users About GeoChatter

**Streamer.Bot**

☐ Connect at startup

IP:

Port:

**OBS**

☐ Connect at startup

IP:

Port:

Password:  ☐ Show

On the connections tab you can configure the connections to Streamer.Bot and OBS.

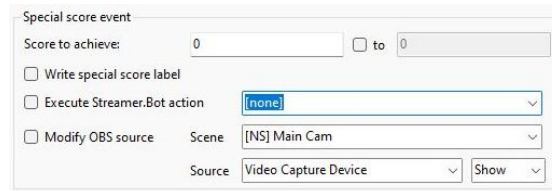
Both connections are optional. In both cases you need to enable the websocket server in the respective program.

If you want to trigger events in either, you need to check the corresponding “Connect at startup” checkbox.

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## Special Score & Special Distance Event:



Special score event

Score to achieve: 0 ☐ to 0

☐ Write special score label

☐ Execute Streamer.Bot action [none]

☐ Modify OBS source

Scene [NS] Main Cam

Source Video Capture Device Show

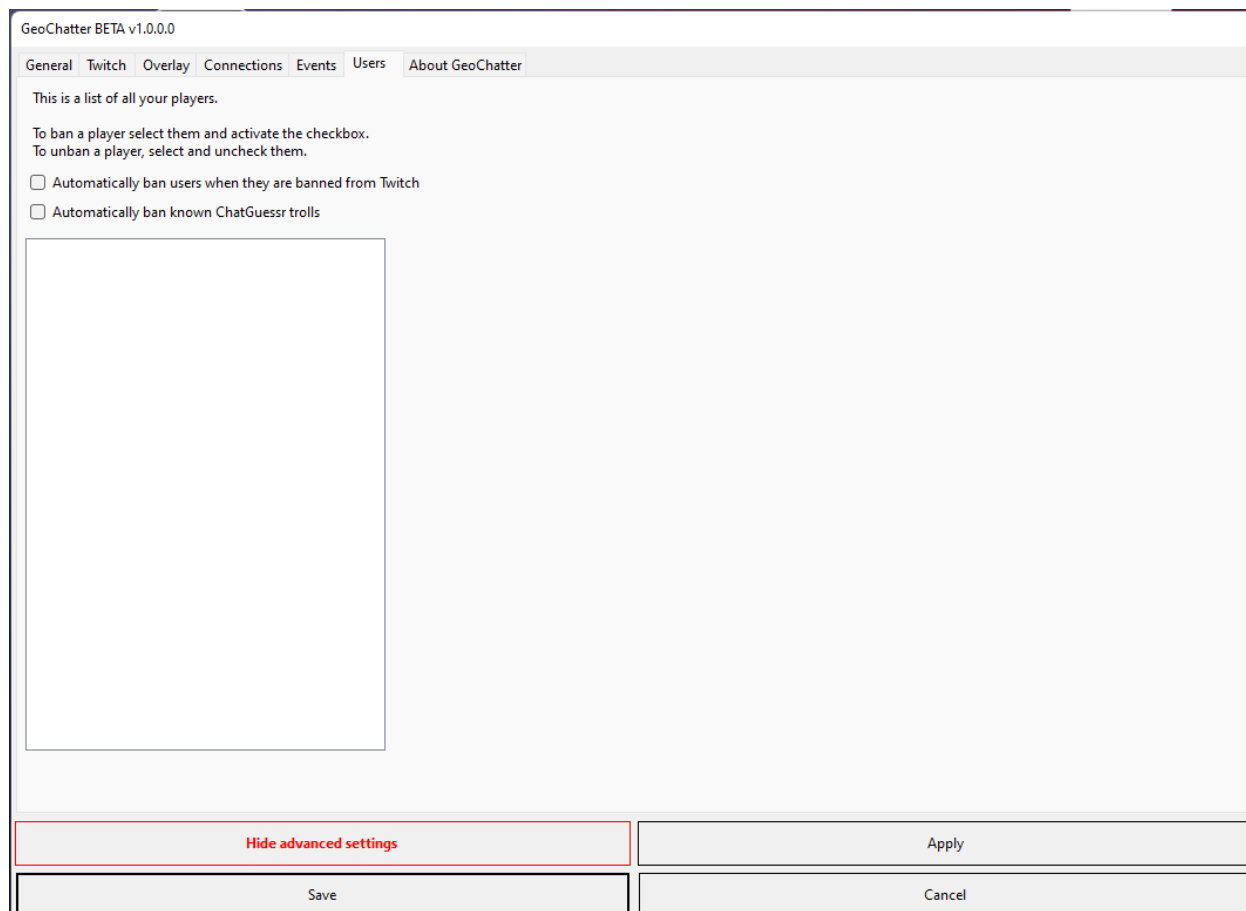
You can either configure a certain score that must be hit exactly or a range the score has to be in. When the condition is met, the selected Streamer.Bot action is triggered and/or the selected OBS source is shown/hidden/toggled.

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".



## Users



The screenshot shows the 'Users' tab in the GeoChatter application. The title bar reads 'GeoChatter BETA v1.0.0.0'. The tab bar includes 'General', 'Twitch', 'Overlay', 'Connections', 'Events', 'Users' (selected), and 'About GeoChatter'. The main content area contains the following text: 'This is a list of all your players.', 'To ban a player select them and activate the checkbox.', and 'To unban a player, select and uncheck them.' Below this are two checkboxes: 'Automatically ban users when they are banned from Twitch' and 'Automatically ban known ChatGuessr trolls'. A large empty rectangular box is intended for the list of players. At the bottom, there are four buttons: 'Hide advanced settings' (highlighted with a red border), 'Apply', 'Save', and 'Cancel'.

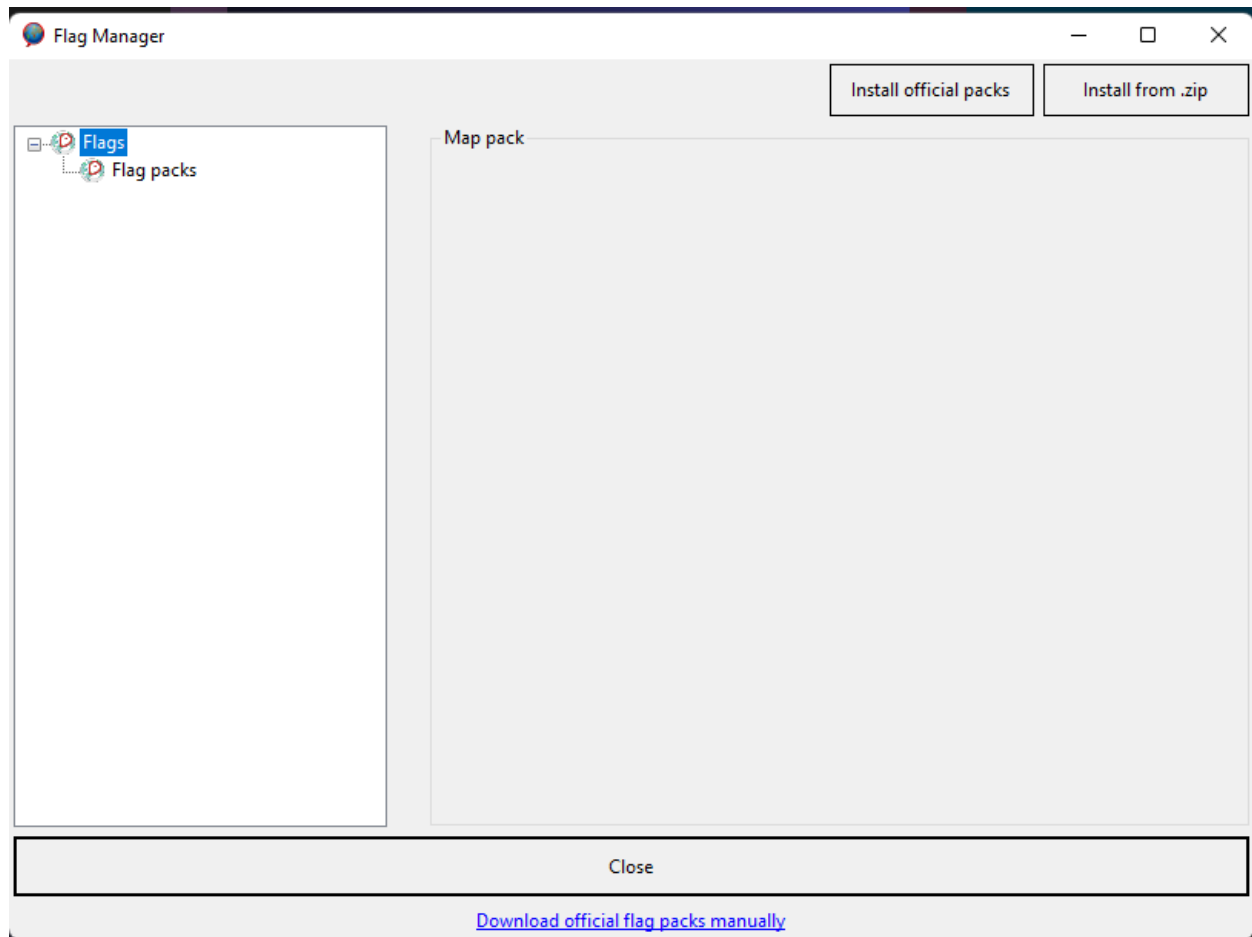
The Users tab gives you the option to ban certain users from making guesses in GeoChatter.

To do so simply check the checkbox of the user and click on “Save”. From 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

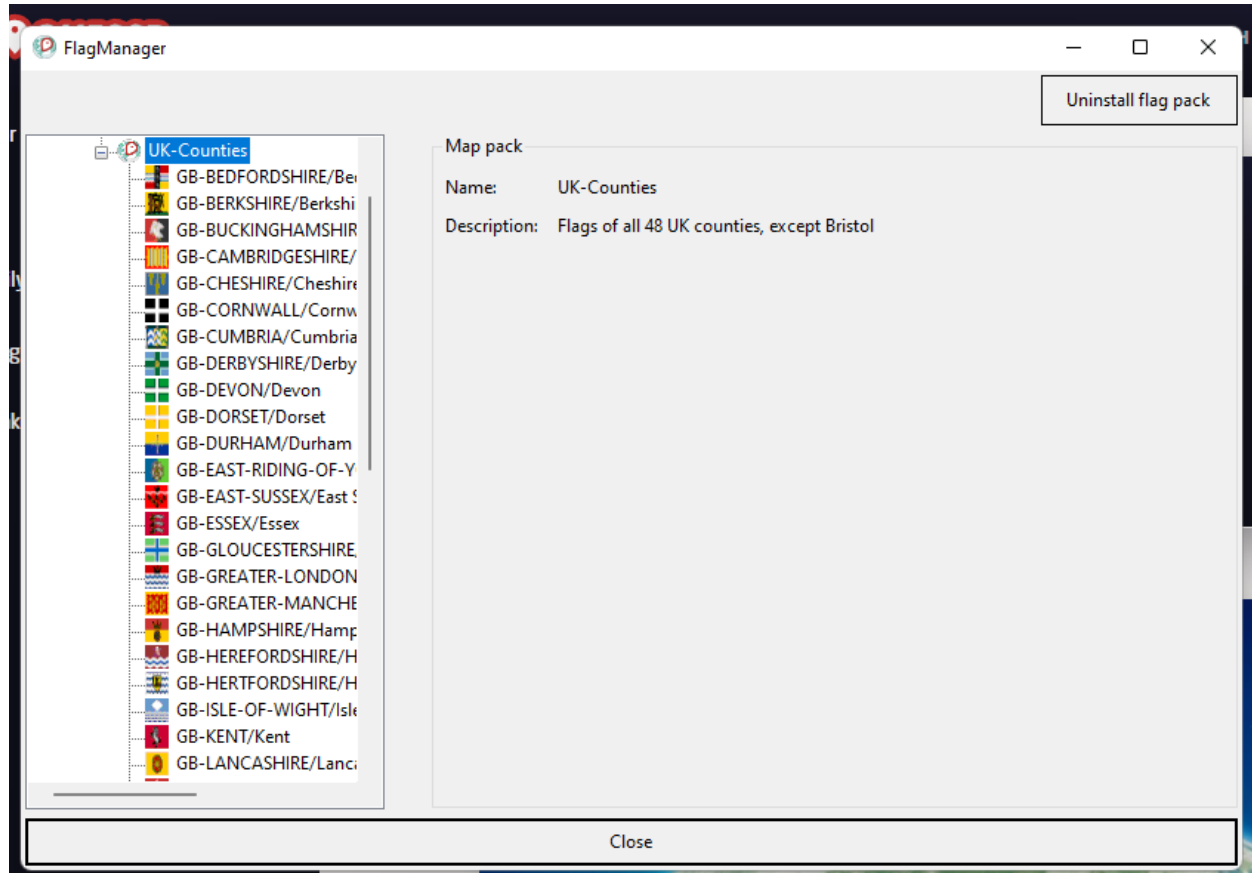
Sample JSON structure:

```
{
  "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
```

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”

## 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	<input checked="" type="checkbox"/>
Viewer	!	randomBotGuess		Create a random bot guess	0.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	flagof		Get the flag of given player	3.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	flag	f	Set flag to given flag	3.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	colorof		Get the color of given player's name	3.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	color	c	Set color to given color name or value	3.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	me	m	Get personal statistics	15.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	gc	geo cg	Get guessing map link	10.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	best	b	Get best channel statistics	15.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	map		Get information about the map	15.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	geochatter		Get information about the GeoChatter	15.00	0.00	<input checked="" type="checkbox"/>
Viewer	!	colors	gc_colors gccolors	Get a link of an image showing available nam...	8.00	0.00	<input checked="" type="checkbox"/>

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.

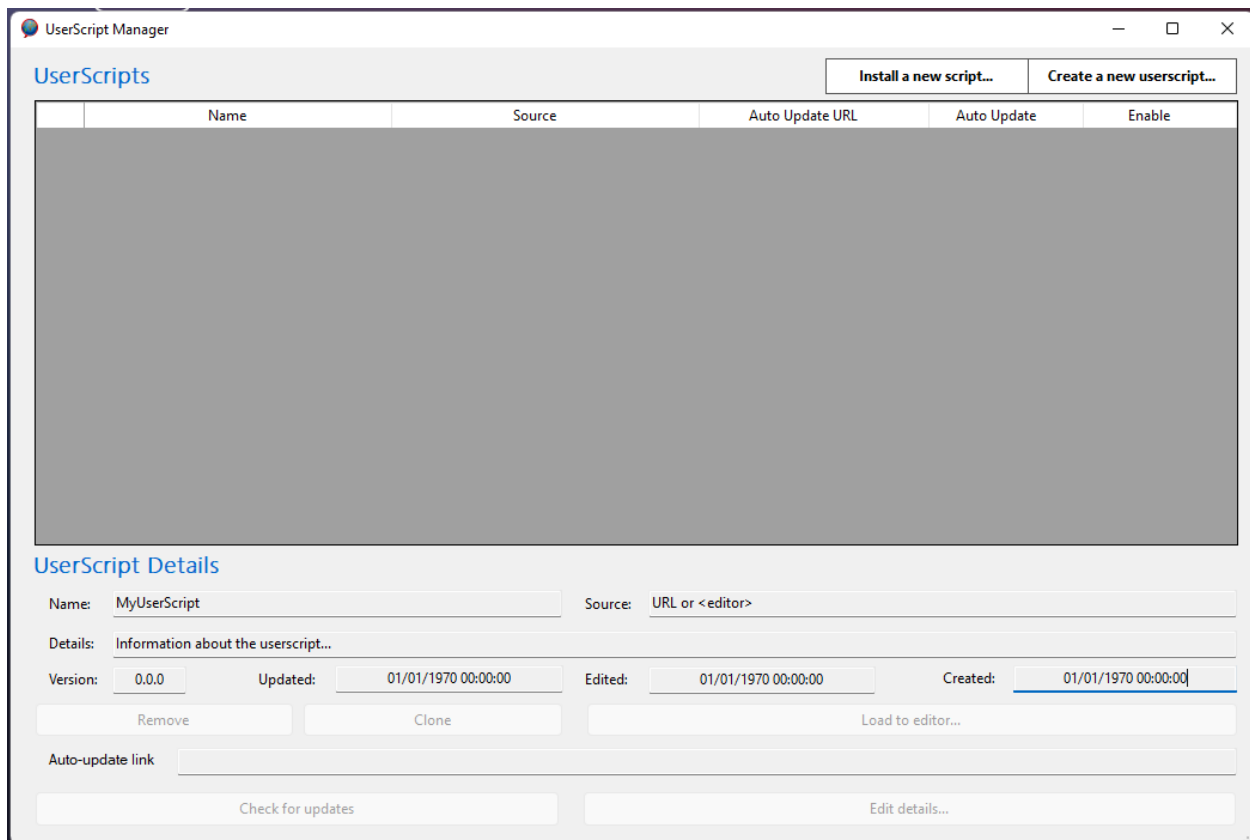
**EXAMPLE:**

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

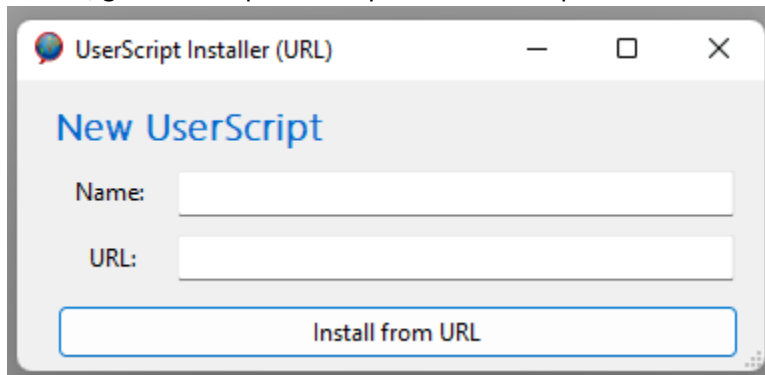
Thanks to our user script manager you can install any javascript extension that you are used to using with GeoGuessr.



You have to ways of loading a script:

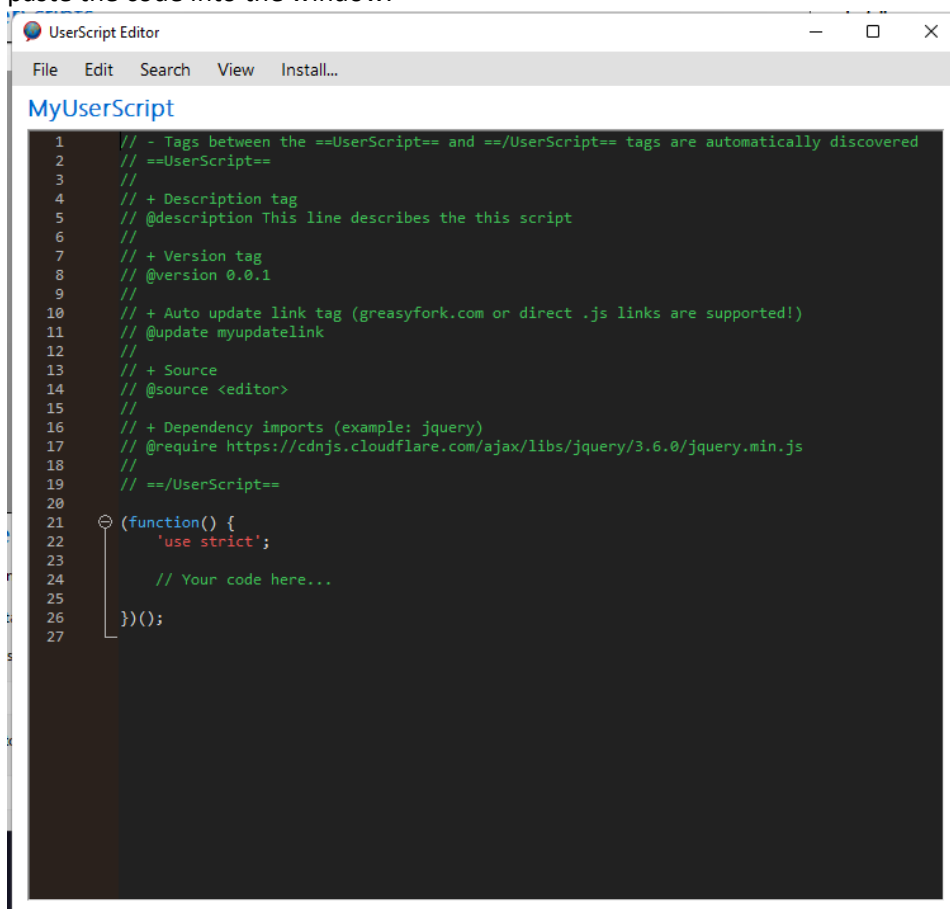
- Install a new script

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.



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