

Gacha Setup – made by MatsutheBear

How the document is setted up:

- Requirements
- Basic Setup
- Touch Portal Setup
- Stream Avatars Setup
- Python Setup

Requirements

- A macro control program that can launch .bat files, get data from channel points and set Twitch usernames as arguments for said .bat file (The free version of Touch Portal was used in this tutorial)
- Python 3.10+ (you can download it [here](#)) (PATH MUST BE ENABLED)
- Windows (the code is not yet tested on Linux/Mac OS)
- StreamAvatars (of course)

Remember that every file on github must be in the same directory. You can choose whatever directory you want, but every file must be in the same folder (So use everything inside the zip)

Basic Setup

- 1) On Twitch, go to **Creator Dashboard** → **Channel Points** → **Add new Custom Reward**. Put whatever name you want for the channel redeem
- 2) On your PC, locate **run.bat**. Change “YOUR_DIR_HERE” with the directory where the file is located (without “”)

```
@echo off
python YOUR_DIR_HERE %*

pause
```

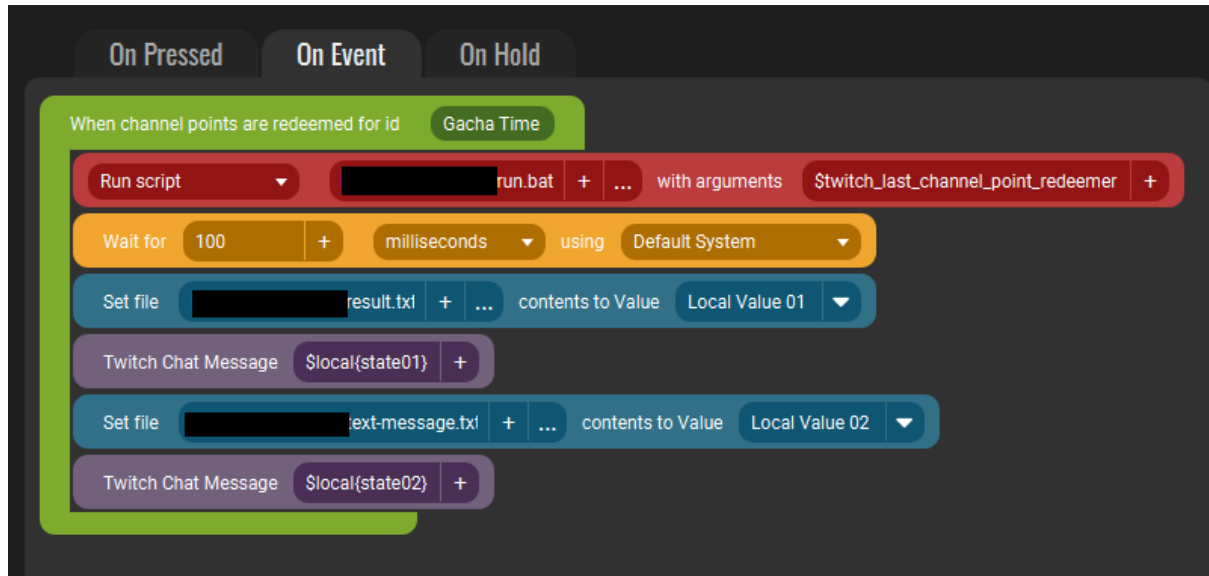


```
@echo off
python C:/FOLDER/TEST/gacha.py %*

pause
```

Touch Portal Setup

First, select an empty box of the main page (remember that you **MUST HAVE** the box always seen in the current page) .Then, go to **On Event** and copy what is done here:



If you don't know how to do that, here are listed all the things you have to search on the searchbar and the values you need to include

On Channel Points Redeemed

- Write the **name of the channel point redeem**

Run Batch File

- Select the **run.bat** file in your directory
- For the Twitch argument, select **+**, then **Twitch → Channel Points → Twitch Last Channel Point Redeemer**

Wait for Timer

- It's just a safe option for I/O speeds. You can put whatever you want (or remove it)

Files Contents to Value

- Select **result.txt** and **Local Value 01**

Send Chat Message

- Select **+**, then **Local States → Local Values → Local Value 01**

Do the same for Value02 if you want the "Congrats" message

StreamAvatars Setup

In this section, I'm supposing that you have read the [StreamAvatars documentation](#) to import and set up characters. I suggest to have at least 1 character per rank

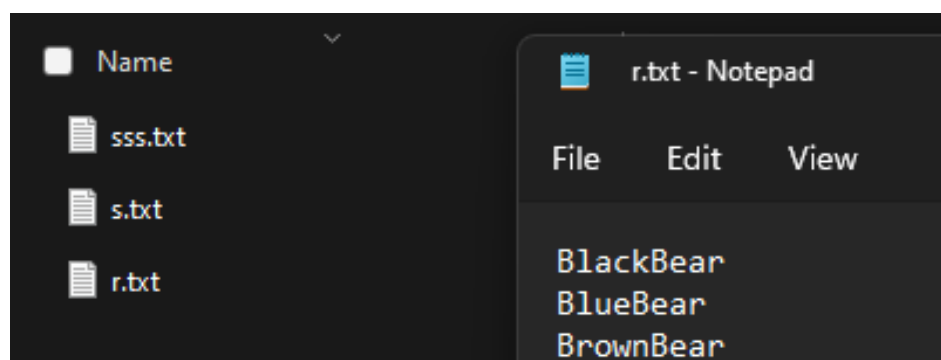
On StreamAvatars, go to **Shop Editing**, and for each character you want to be included in the gacha select **Gift**

In my case, I have *GreenBear* that is a free character (default) and other characters that are only available through the Gift option.

	Cost	Bits	Gift	Condition	Followers	Subscribers	Moderators
<input type="checkbox"/> Select All							
<input type="checkbox"/> greenbear	0		<input type="checkbox"/>	AND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> blackbear			→ <input checked="" type="checkbox"/>	AND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> bluebear			→ <input checked="" type="checkbox"/>	AND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> brownbear			→ <input checked="" type="checkbox"/>	AND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

You can also make every character available only to followers or subscribers, if you like. Your choice, after all!

Last thing, be sure to have every character also in the files inside the **tiers** folder, as shown here



The names **MUST BE THE SAME**, or else the program will not work. CamelCase is **NOT** considered by StreamAvatars.

Python Setup

These are all the values you need to modify in order to personalize your channel inside Gacha.py. You don't have to edit anything else (unless you want to modify particular things, like the name of the files)

RARITY_R, RARITY_S, RARITY_SSS : % of getting a X rank character (default 70, 25, 5, corresponding to 70%, 25% and 5%)

COIN_R, COIN_S, COIN_SSS : Number of coins/points the user will receive if the pull is unsuccessful (default 500, 2500, 10000)

CHARACTER : name of your characters (in my case "bear")

REROLLS : number of "pulls" the program will do before giving coins to the user

Do you need help?

For whatever help you need, don't hesitate in contacting me on my Twitter profile @ [MatsuTheBear](#). I can make mistakes, and English is not my main language, so I could have written something incorrectly. Look for my Tweets, because I WILL update this software. Don't be afraid to create your version with my code as base

How can I support you?

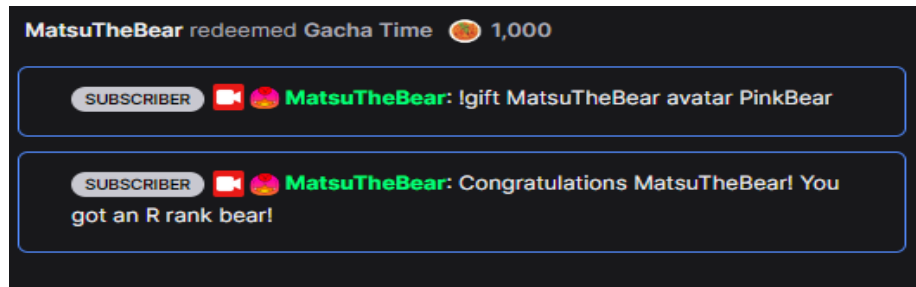
You can support me in different ways

- On my [ko-fi page](#) ,
- Liking the project on Github
- Following me on my [Twitter](#) and [Twitch](#) profiles

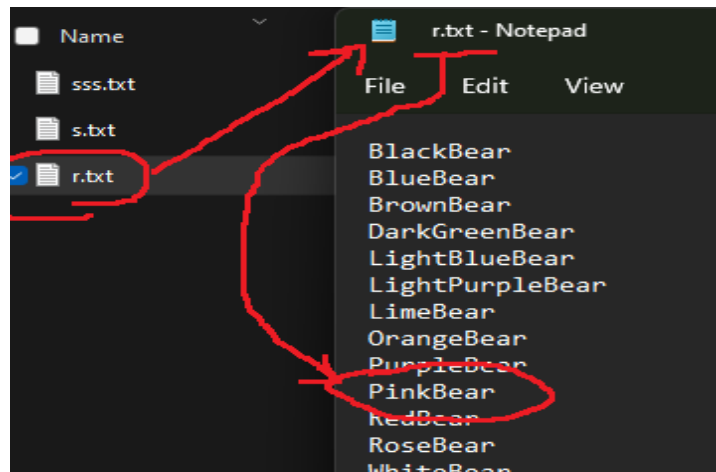
Test Check

My test check is as follows:

1) Redeem of the Channel Point Reward



2) Check if the character was the correct one in the correct file



3) Check if the user has on the **last row** of the file the correct character

