

# Extracting Messages from a Discord Channel and creating a graph between the users and the links they have sent.

## Step 1:

Go to this GitHub repository (<https://github.com/Tyrrrz/DiscordChatExporter>) and download GUI (Stable release)

### Download

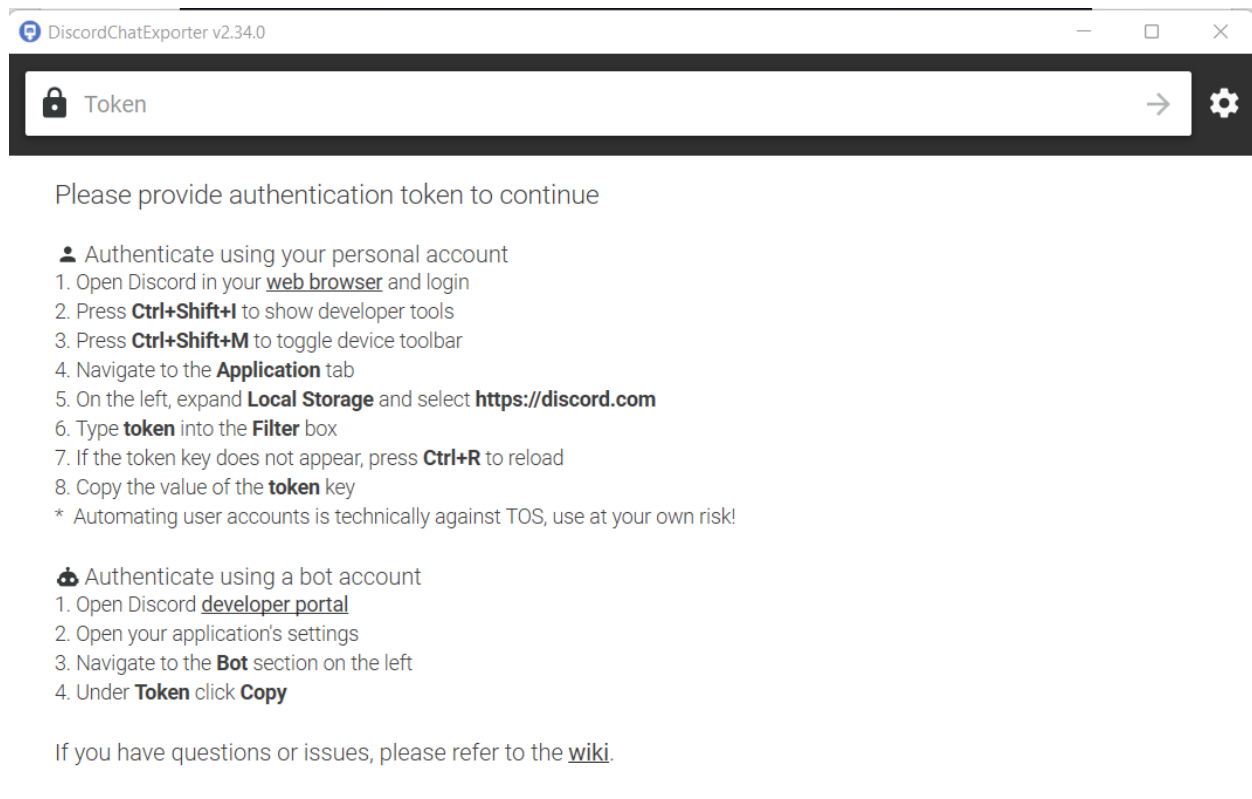
This application comes in two flavors: graphical user interface (GUI) and command line interface (CLI). The following table lists all available download options:

	Downloads	Supported OS
GUI	<ul style="list-style-type: none"><li>Stable release ( <code>DiscordChatExporter.zip</code> )</li><li>CI build ( <code>DiscordChatExporter.zip</code> )</li></ul>	<ul style="list-style-type: none"><li>Windows 7 or higher</li></ul>
CLI	<ul style="list-style-type: none"><li>Stable release ( <code>DiscordChatExporter.CLI.zip</code> ) ⚙️</li><li>CI build ( <code>DiscordChatExporter.CLI.zip</code> ) ⚙️</li><li>Docker ( <code>tyrrrz/discordchatexporter</code> )</li><li>AUR ( <code>discord-chat-exporter-cli</code> ) 🐧</li></ul>	<ul style="list-style-type: none"><li>Windows 7 or higher</li><li>macOS 10.13 (High Sierra) or higher</li><li>Linux (multiple distros)</li></ul>

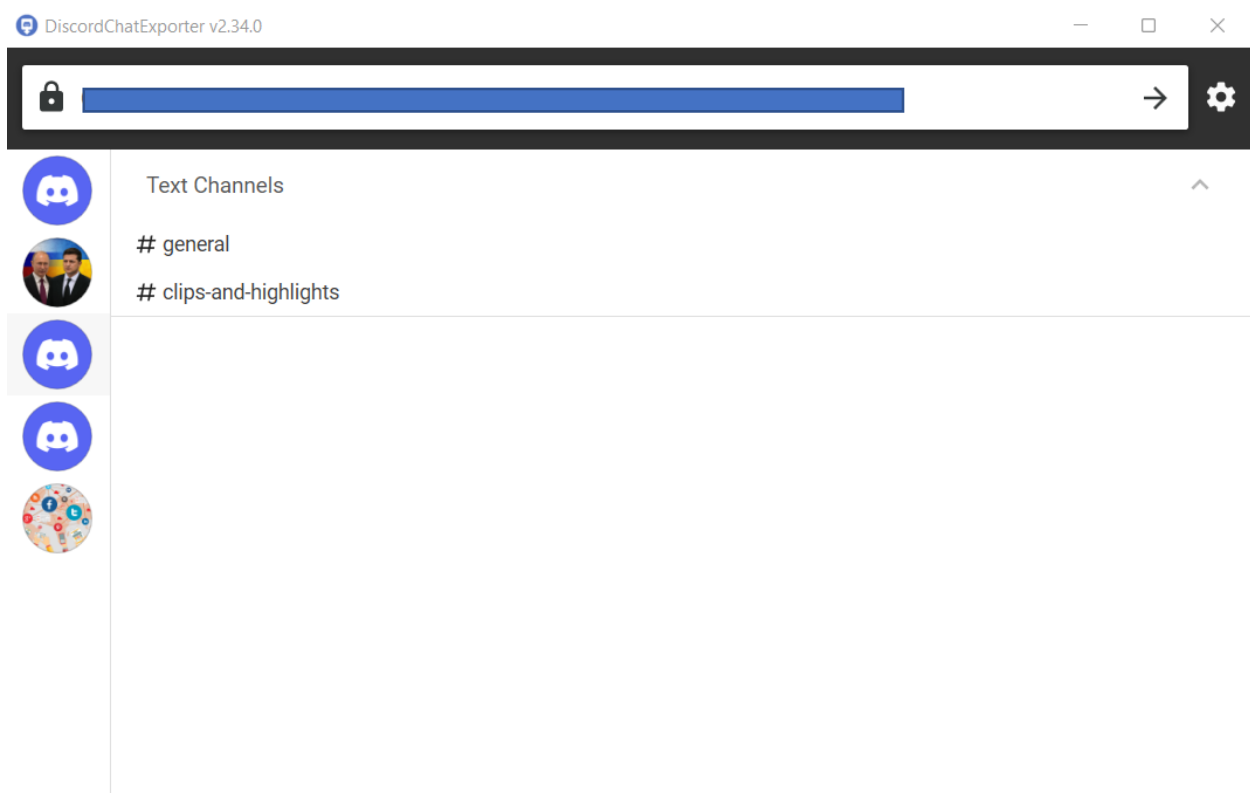
Once downloaded, unzip it in the desired folder. You will need a discord account and discord user authentication key. Follow this article (<https://discordhelp.net/discord-token>) to see how to retrieve your discord user authentication key.

## Step 2:

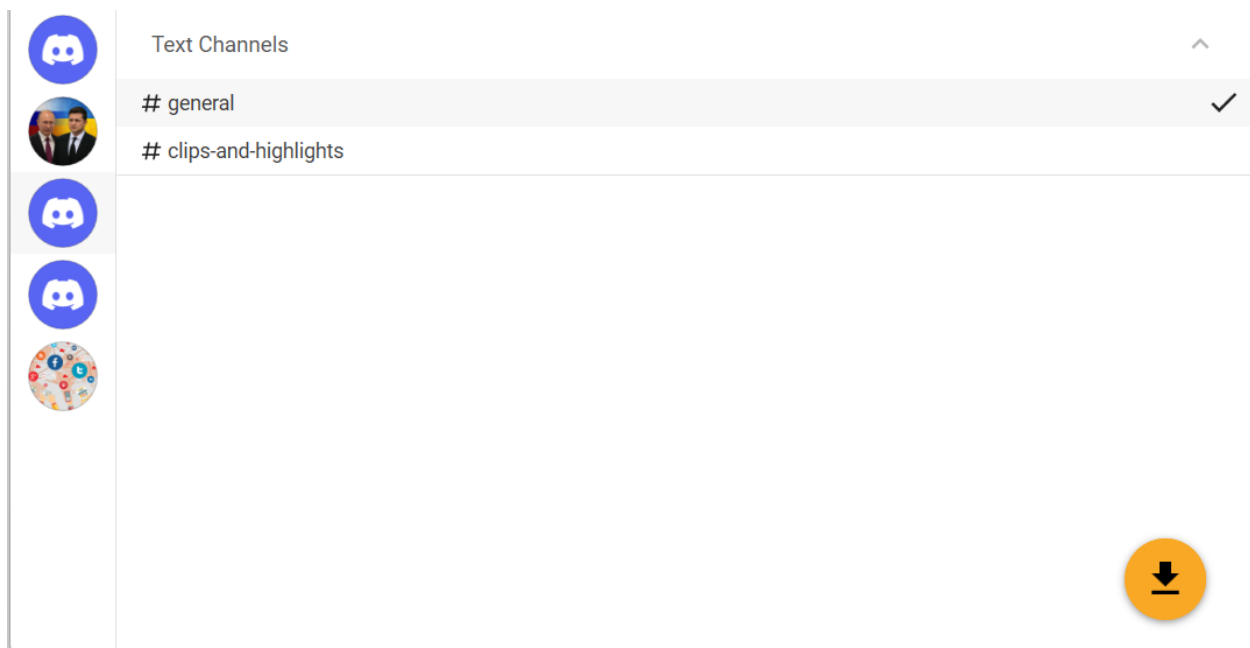
Once the application is downloaded and user authorization key is retrieved open the DiscordChatExporter. It will look like the below shown screen shot.



You will need to paste your authentication key on the top of the application where “token” is mentioned. Once inside it will look like a mirror image of your discord account. Then you will need to select which ever Channel’s messages you need to download. Below screenshot is just an example. It will differ from user-to-user.



Once you identify which channel you need just click it and you will see a yellow download button on the bottom right of the application. Save the chat in CSV format.



### Step 3:

Once the file is downloaded in CSV format open the code using jupyter notebook. Make sure the downloaded csv file is in the same directory of the code.

The file name for the code is “ **Final\_code.IPYNB** ”

Before using the code make sure all the packages are installed. (Please look at the requirements.txt) for the necessary packages.

Inside the code please look for a comment which says “ CHANGE HERE”

There are two changes that are required in the code.

- The first change that is required is the file name.
- To create the graphs, you will first need to create a free account (<https://www.graphistry.com/get-started>)
- Once an account is created use the same username and password in the code as shown below.

```
graphistry.register(api=3, username='', password='')
```

- After this run the remaining part of the code as it is.
- Output shown below is just an example but after successful running of the code your output should something like shown below.

