# Conan Bot Setup

Setup Conan game.db with required views

1. Stop the conan server if running.
2. Open your game.db file with DB Browser for SQLite (https://sqlitebrowser.org/dl/).
   Game.db should be in the saved folder
   `ConanExilesDedicatedServer\ConanSandbox\Saved\game.db`
3. Run the included sql file `RUN ON CONAN GAMEDB CustomViews.sql` found in the bot's `setup` folder. This can be run by the `Execute SQL` tab in db browser.
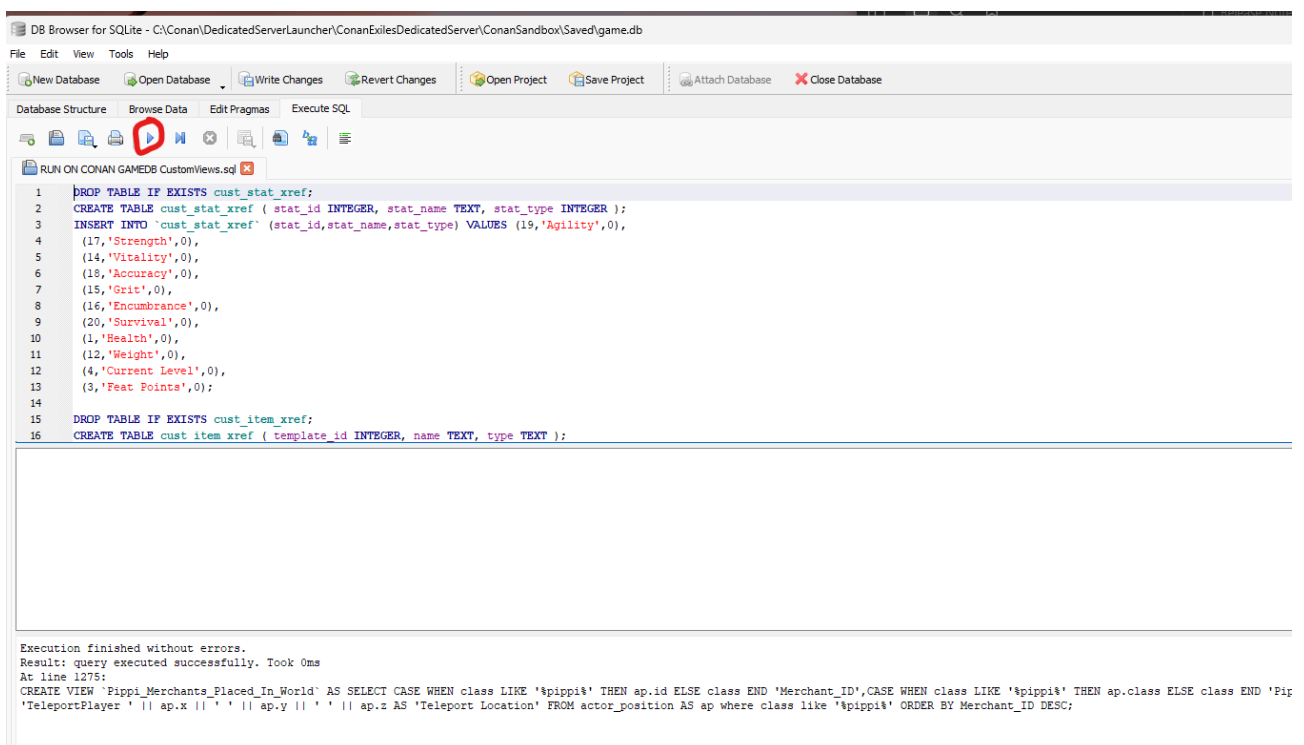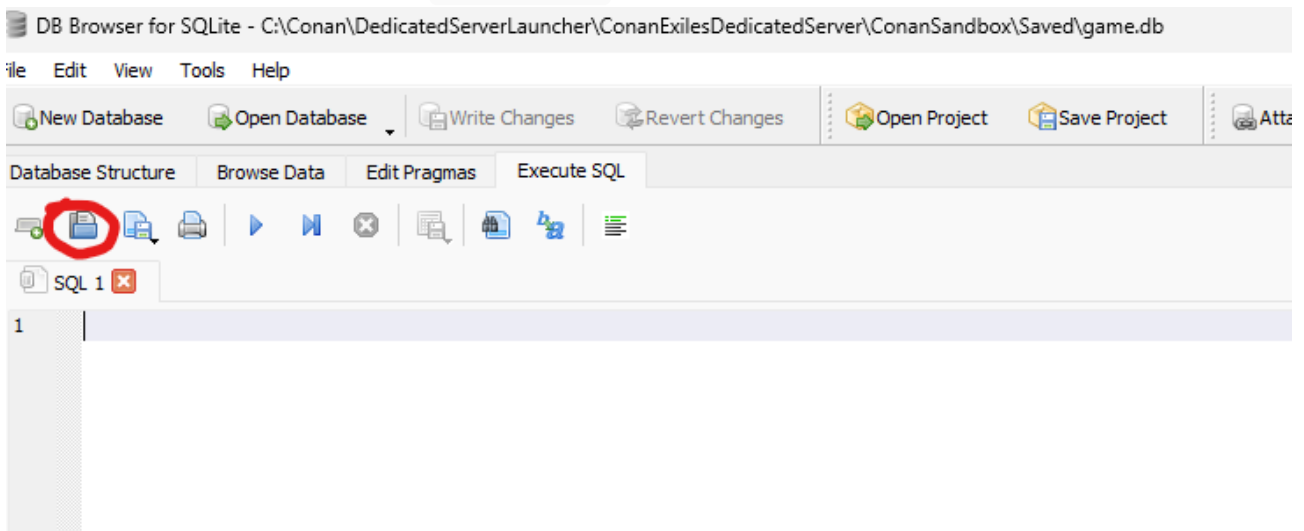
4. Once you have executed the sql write changes
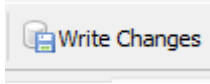
Setup Maria DB

1. Install as normal, feel free to change server port or any settings in installation
2. Create a new DB. **Collation is important here**
   1. Name: Whatever you want your bot name to be
   2. Collation: utf8mb4_unicode_520_ci
   3. Command Example: `CREATE DATABASE ` `conanBotDB` ` /*!40100 COLLATE 'utf8mb4_unicode_520_ci' */`
3. Create a new user
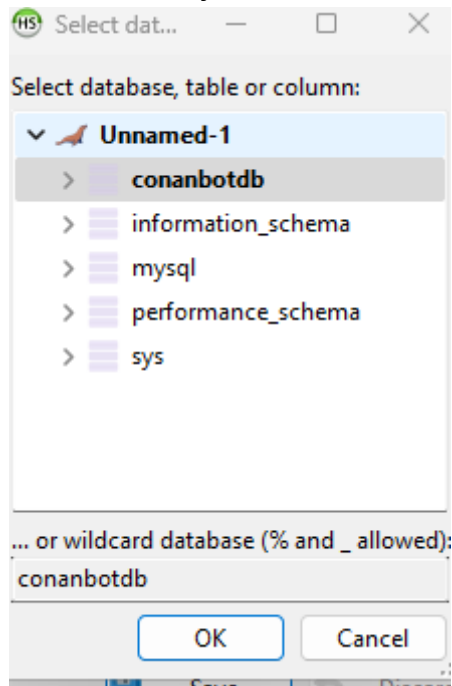   1. Go to Tools > User Manager
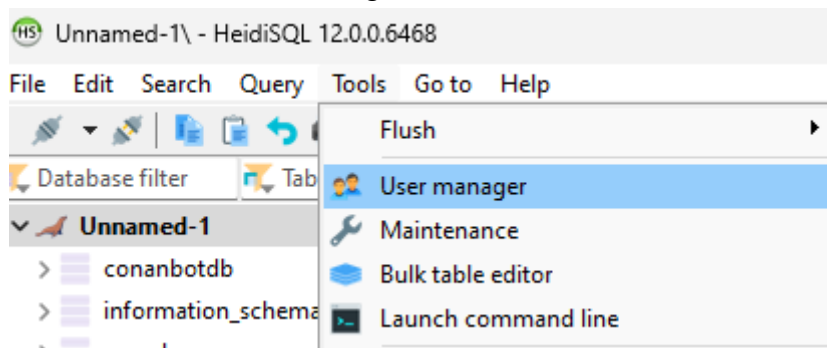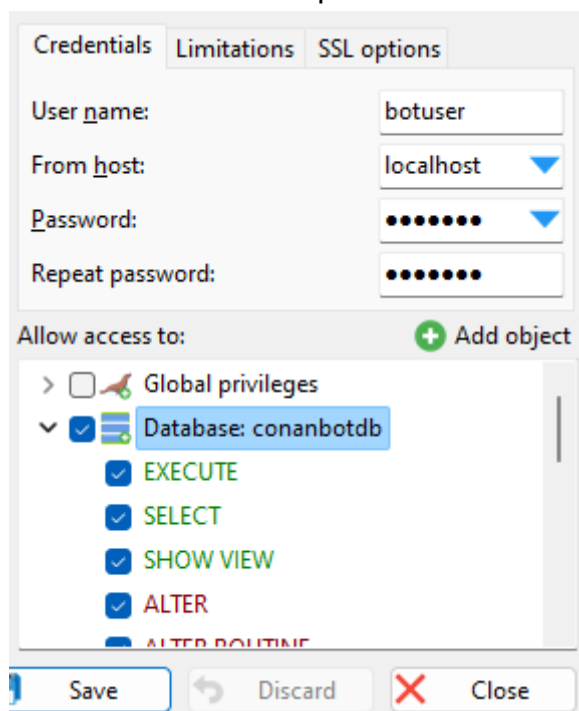

   2. Settings example
      1. User name: botuser
      2. From host: localhost
      3. Password: botpassword
      4. Repear password: botpassword

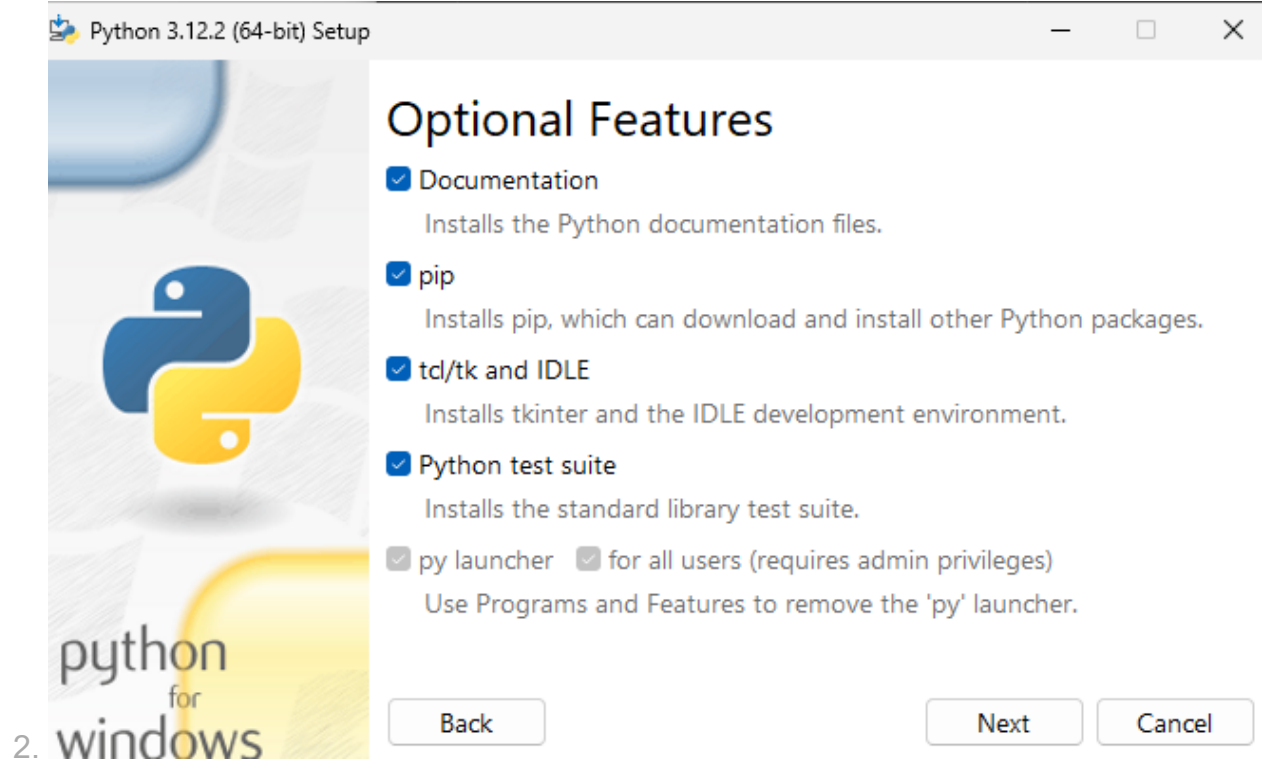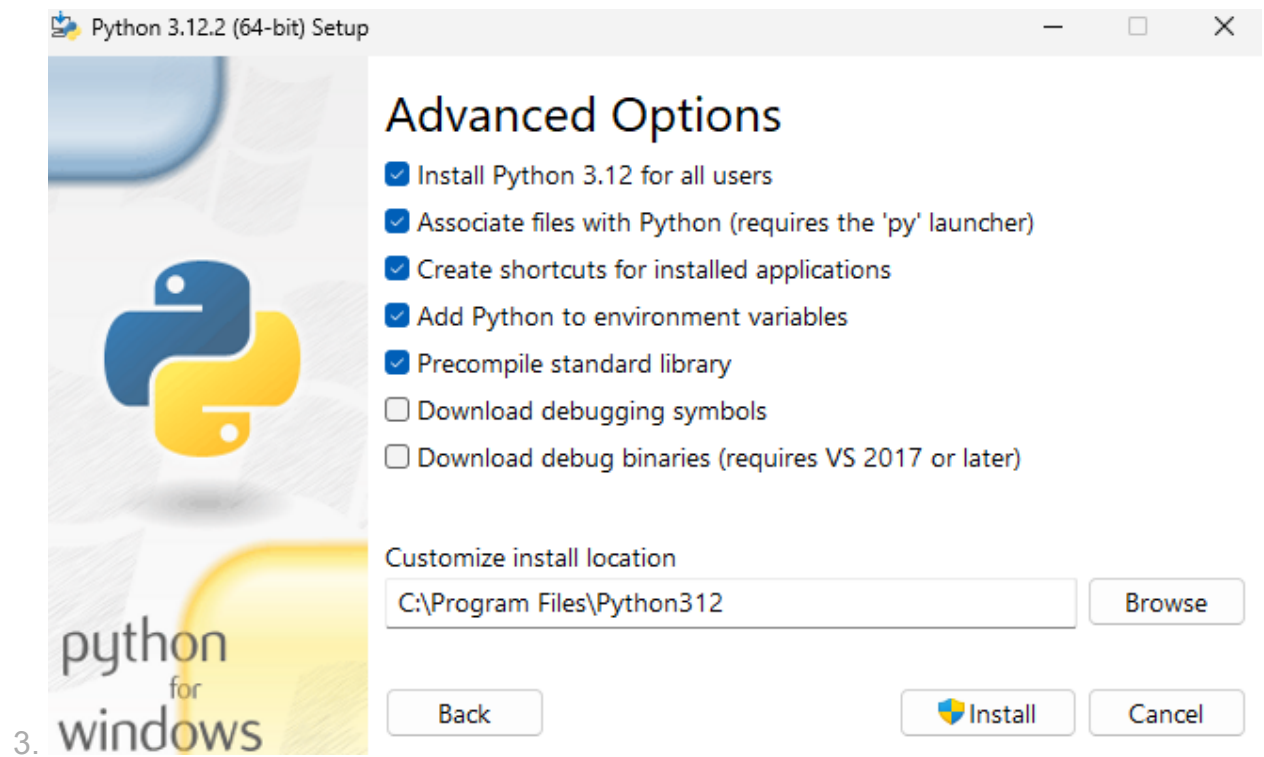3. Click 'Add Object' and select the database made above

4. Grant the bot user all permissions on this DB and click save

Install Python

1. Install python for all users. We will use the Customize installation method

1.

2.

3.

Install the bot requirements

1. Open a terminal to the bot's main directory
   1. run the following in an Administrative Command Prompt
      1. `py -m pip install -r requirements.txt`

Conan Server Setup

1. Make sure RCON is enabled and karma is set at 10000. You can keep karma lower but bot will burn through it and will get temporarily banned often.
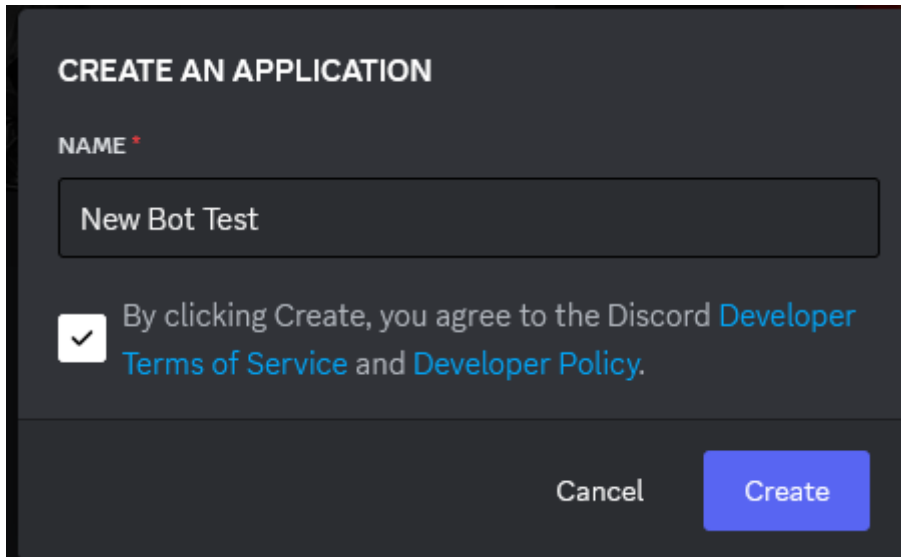
2.
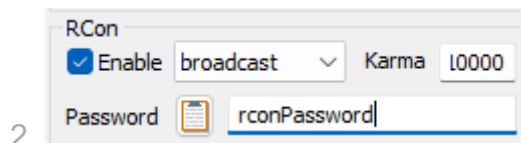
Discord Setup

Creating a bot API key

You will need an API key for Discord and some Channels setup for the bot to use

1. Login to Discord Developer portal: https://discord.com/developers/applications

2. Create a new application

CREATE AN APPLICATION

NAME *

New Bot Test
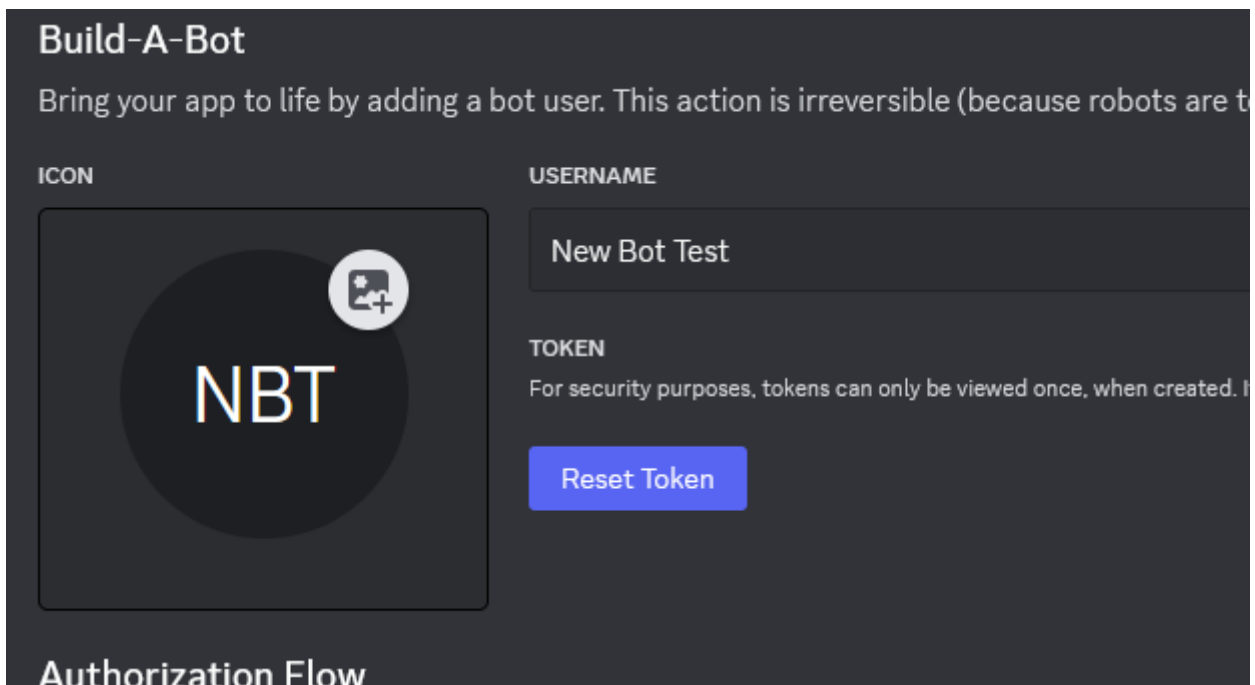
☑ By clicking Create, you agree to the Discord Developer Terms of Service and Developer Policy.

Cancel   Create

3. You can set general information to whatever you want
4. Click on the bot tab

🤖 Bot

5. Click Reset Token and take note of the new token

Build-A-Bot

Bring your app to life by adding a bot user. This action is irreversible (because robots are t

ICON

USERNAME

New Bot Test

NBT

TOKEN

For security purposes, tokens can only be viewed once, when created. I

Reset Token

Authorization Flow

6. Grant the bot INTENT permissions

Privileged Gateway Intents

Some Gateway Intents require approval if your bot is verified. If your bot is not verified, you can toggle those intents below to access them.

PRESENCE INTENT

Required for your bot to receive Presence Update events.
NOTE: Once your bot reaches 100 or more servers, this will require verification and approval. Read more here

SERVER MEMBERS INTENT

Required for your bot to receive events listed under GUILD_MEMBERS.
NOTE: Once your bot reaches 100 or more servers, this will require verification and approval. Read more here

MESSAGE CONTENT INTENT

Required for your bot to receive message content in most messages.
NOTE: Once your bot reaches 100 or more servers, this will require verification and approval. Read more here

7. Click on OAuth2

OAuth2

8. Check the box for 'BOT' and then the box for 'Administrator'

OAuth2 URL Generator

Generate an invite link for your application by picking the scopes and permissions it needs to function. Then, share the URL to others!

SCOPES

identify	email	connections
guilds	guilds.join	guilds.members.read
gdm.join	rpc	rpc.notifications.read
rpc.voice.read	rpc.voice.write	rpc.video.read
rpc.video.write	rpc.screenshare.read	rpc.screenshare.write
rpc.activities.write	✓ bot	webhook.incoming
messages.read	applications.builds.upload	applications.builds.read
applications.commands	applications.store.update	applications.entitlements
activities.read	activities.write	relationships.read
voice	dm_channels.read	role_connections.write
applications.commands.permissions.update		

BOT PERMISSIONS

GENERAL PERMISSIONS	TEXT PERMISSIONS	VOICE PERMISSIONS
✓ Administrator	Send Messages	Connect
View Audit Log	Create Public Threads	Speak
Manage Server	Create Private Threads	Video
Manage Roles	Send Messages in Threads	Mute Members

9. Permissions can be less but since it's your bot on your server it's fine just don't let anyone get your API key. Plus this is just an example
10. Copy the generated URL and then go to it in your browser.

11. Select the Server to add the bot too and click 'Continue'
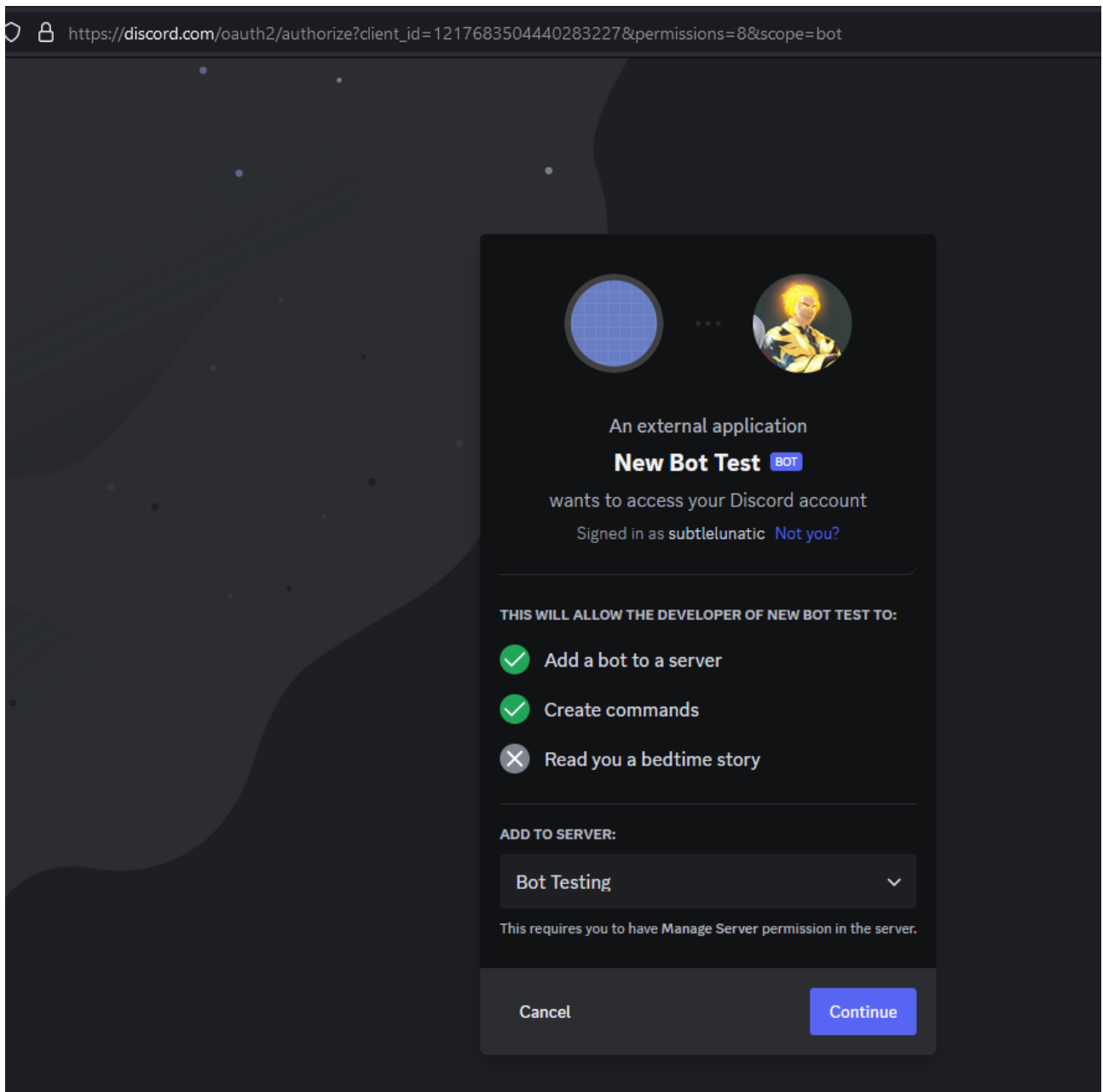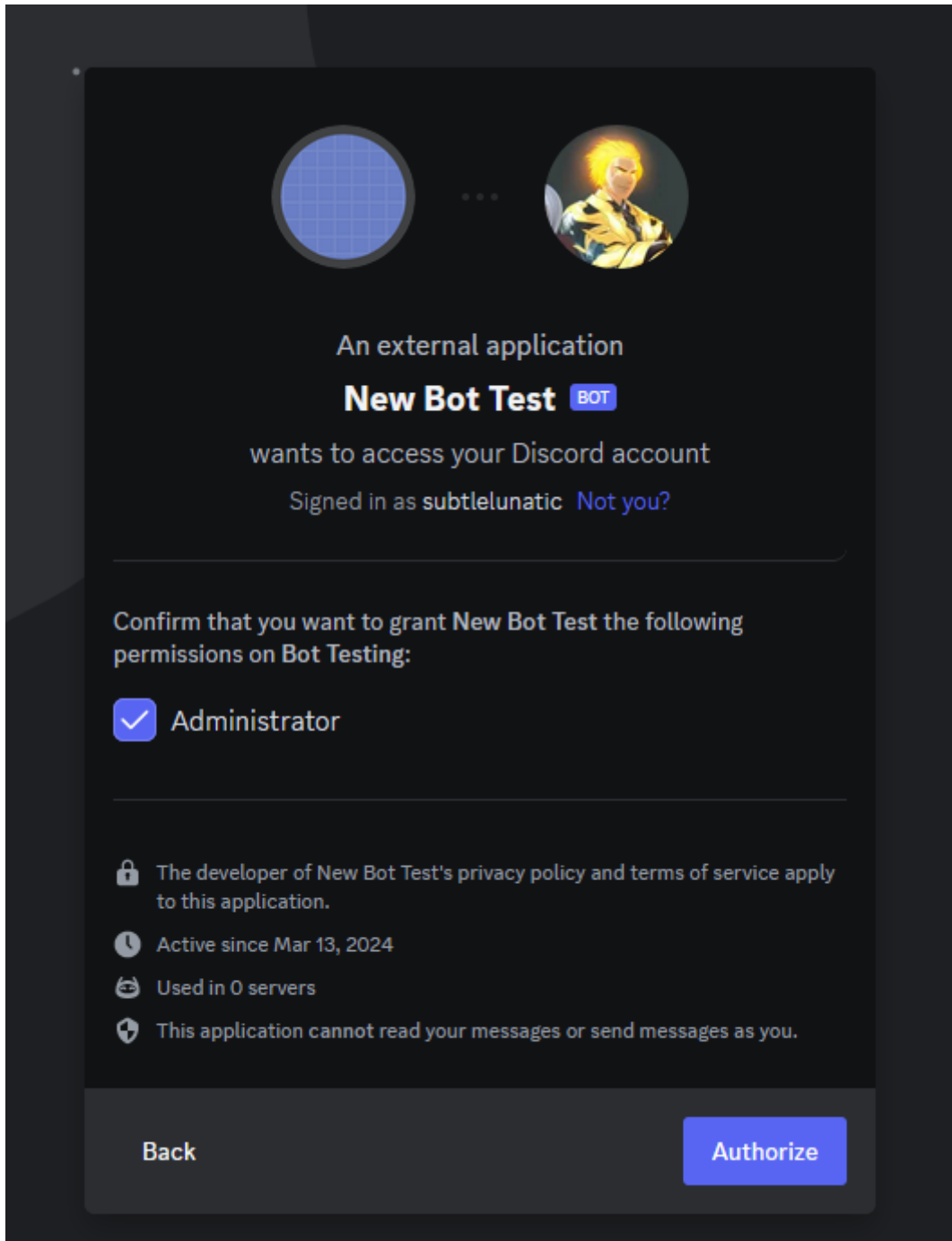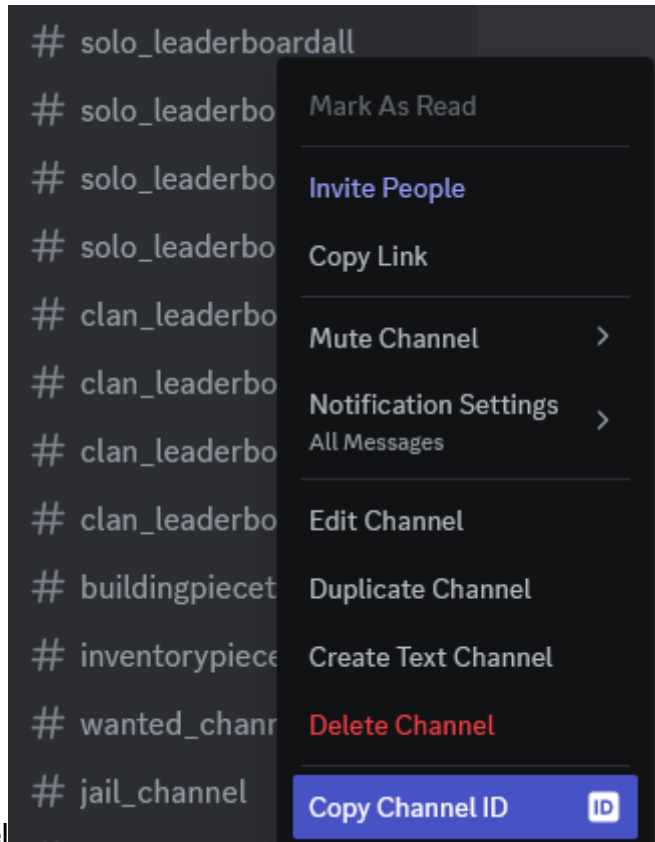
12. Click 'Authorize'

Setup Discord Channels

1. Create the channels needed for the bot and copy the channel IDs to the config.ini in bot's main folder

2. If you are an admin of the discord you can get the channel ID by right clicking on a

channel

3. Once the Config file is filled out with IDs and your API key proceed to next step

```
[Discord]
ServerLog_Channel = 1179603434849194125
Killlog_Channel = 1179804452803334155
Solo_LeaderBoardAll_Channel = 1179603564985856051
Solo_LeaderBoard1Day_Channel = 1179759647876456539
Solo_LeaderBoard7Day_Channel = 1179759709100703754
Solo_LeaderBoard30Day_Channel = 1179759709100703754
Clan_LeaderBoardAll_Channel = 1179603705079808081
Clan_LeaderBoard1Day_Channel = 1179603705079808081
Clan_LeaderBoard7Day_Channel = 1179813769719853190
Clan_LeaderBoard30Day_Channel = 1179760100878077963
BuildingPieceTracking_Channel = 1179603780052975677
InventoryPieceTracking_Channel = 1179603857869905941
Wanted_Channel = 1179603859744755833
Jail_Channel = 1179832097179979929
Items_for_Sale_Channel = 1179803956159992039
ServerBuffs_Channel = 1179604101210841118
VaultRental_Channel = 1179604153761275934
Event_Channel = 1179604192550195232
API_KEY = MTIxNzY4MzUwNDQ0MDI4MzIyNw.GkwFRo.TfNjX_hTsen
```

Finishing out bot config

1. Finish filling out the config.ini file with your information. This is specific to your settings

MariaDB

- Host - The IP address of your maria db server
- Port - the port maria db is listening on
- User - the user created in maria db earlier
- Pass - the password created for maria db user
- DatabaseName - The name of the DB created earlier

Server

- Name - A nickname for your server, can be server1, used to create tables in db, no spaces should be included
- RCON_Host - IP address of conan server
- RCON_Port - the port conan is listening on for rcon
- RCON_Pass - the password for rcon
- SteamQuery_Port - the port used for SteamQuery on conan server
- Game_DB_location - The path to your game.db file. This is your conan server database
- Game_Log_Location - the path to the log files for conan server. Used for reading chat
- Map_URL - If you are going to have the wanted / activity map public facing this is the URL to include in the discord updates

Prison

Prison is a feature that can punish players for killing in restricted zones. It can be buggy. Recommend leaving this off for now

Firewall

Firewall bot is actually a different bot. I may include it in this one later but it checks player IP addresses for VPN and risk. If it's above a threshold or a vpn provider the player is kicked and the IP address is added to a blacklist. This section can be ignored for now

Discord

You set this up in the discord step

Shop

- StartingCash - How much currency new players should start with
- PayCheck - How much players get paid for being online
- PayCheckInterval - How often do players get paid for being online? Time is in minutes

- CurrencyName - The name of your coin used in discord

PrivilegedRoles

This section sets up the roles to give bonus pay and extra privileges. The values on the Right should be existing roles in the discord server. Users should only have one of the defined roles.

Time

- Timezone - Your servers timezone