

Discord Bot

Mr. Poole
Python

What are bots?

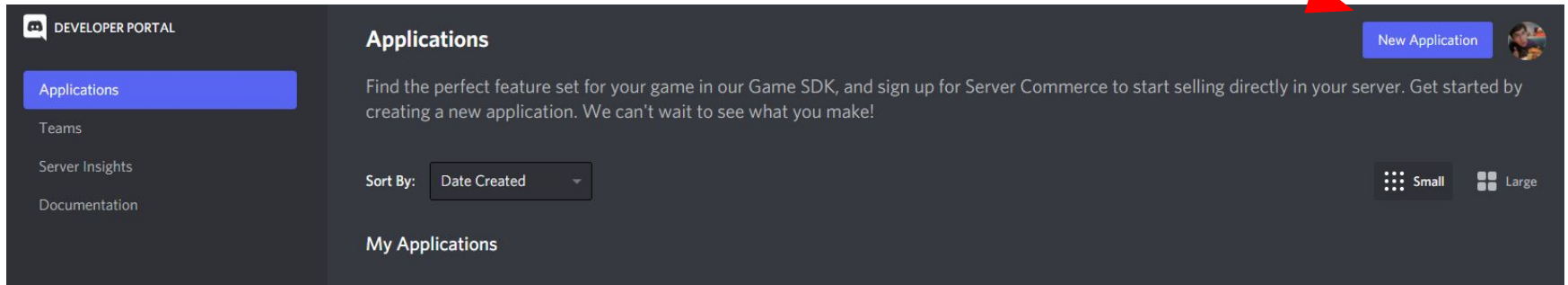
Bots are software programs that perform automated, repetitive, predefined tasks.

In the case of Discord Bots, these bots will complete tasks given specific commands that we give them!



Let's get started!

1. First, to access Discord at school you may need a VPN.
2. For the first step, this may be easily done at home
3. Go to <https://discord.com/developers/applications>
 - a. Sign in and Click “New Application”



Name our project!

I'm going to name mine "Compliment Bot" because it'll give you compliments!

CREATE AN APPLICATION

Are you a game dev? We may already have your app in our database. Reach out to our **Dev Support** for more info and to claim your game!

NAME *

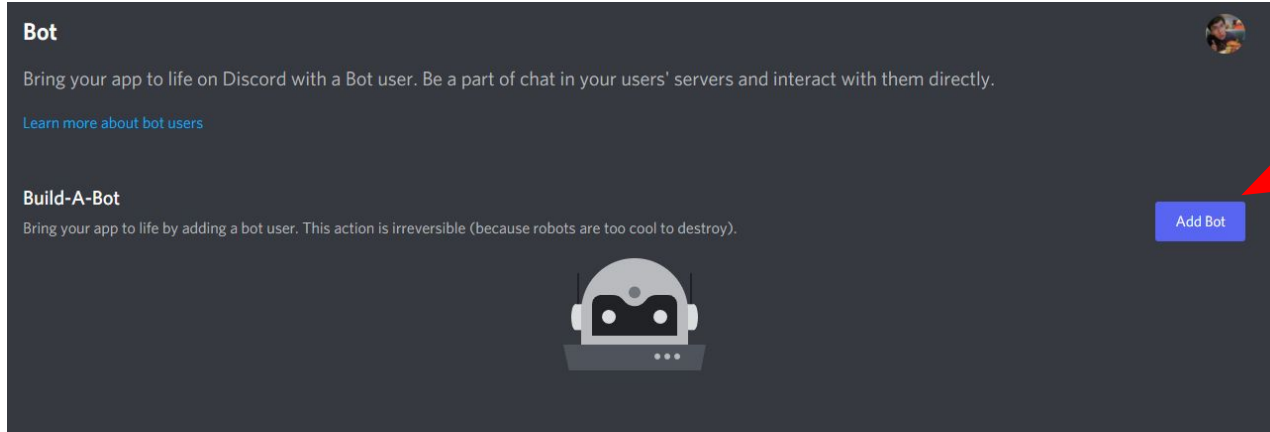
Compliment Bot

By creating an API application, you agree to the [Discord API Terms of Service](#)

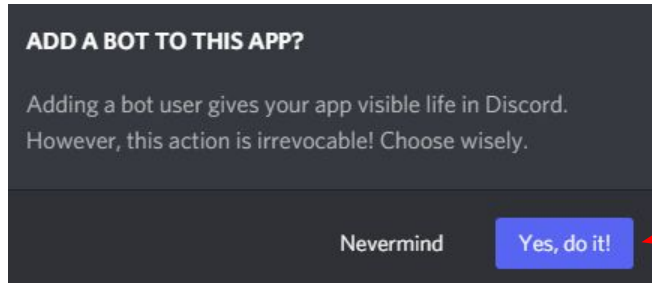
Cancel

Create

Select the tab “Bot”



Click “Add Bot”

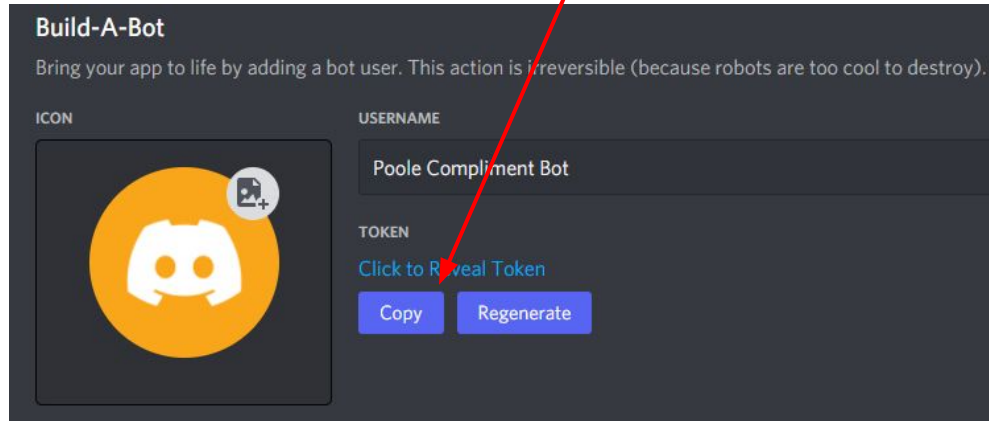


Then select
“Yes, do it!”

Copy the Bot Token

Rename your bot. Add your last name to the front of the bot.

We're going to **Copy** the bot token
and write it down for later

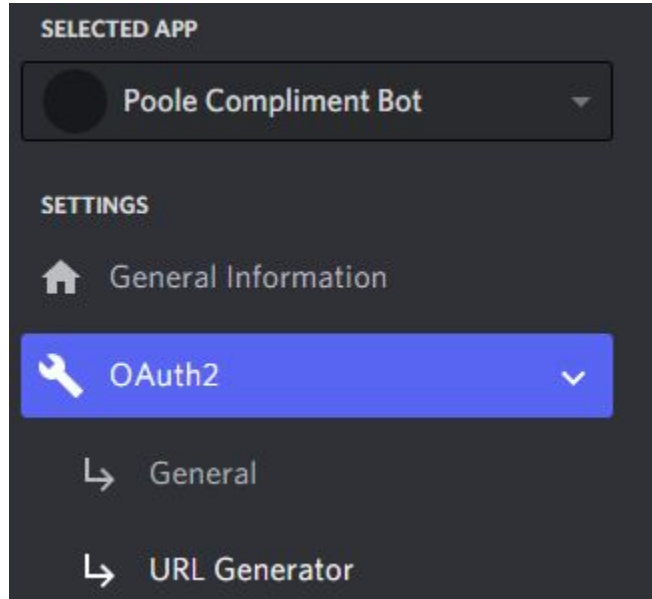


The screenshot shows the 'Build-A-Bot' interface. At the top, it says 'Build-A-Bot' and 'Bring your app to life by adding a bot user. This action is irreversible (because robots are too cool to destroy)'. Below this, there are two main sections: 'ICON' and 'USERNAME'. The 'ICON' section shows a default orange Discord logo with a small edit icon. The 'USERNAME' section shows the text 'Poole Compliment Bot'. Below the username, there is a 'TOKEN' section with a link 'Click to Reveal Token' and two buttons: 'Copy' and 'Regenerate'. A red arrow points from the text 'We're going to Copy the bot token' to the 'Copy' button.

DO NOT SHARE THIS TOKEN.
This is how you access your bot and give it commands.

Now let's give the Bot permissions to make changes

Go to “OAuth2” and click “URL Generator”



For Scope, select “**bot**”

SCOPES

- | | | |
|--|---|--|
| <input type="checkbox"/> identify | <input type="checkbox"/> rpc.notifications.read | <input type="checkbox"/> applications.builds.read |
| <input type="checkbox"/> email | <input type="checkbox"/> rpc.voice.read | <input type="checkbox"/> applications.commands |
| <input type="checkbox"/> connections | <input type="checkbox"/> rpc.voice.write | <input type="checkbox"/> applications.store.update |
| <input type="checkbox"/> guilds | <input type="checkbox"/> rpc.activities.write | <input type="checkbox"/> applications.entitlements |
| <input type="checkbox"/> guilds.join | <input checked="" type="checkbox"/> bot | <input type="checkbox"/> activities.read |
| <input type="checkbox"/> guilds.members.read | <input type="checkbox"/> webhook.incoming | <input type="checkbox"/> activities.write |
| <input type="checkbox"/> gdm.join | <input type="checkbox"/> messages.read | <input type="checkbox"/> relationships.read |
| <input type="checkbox"/> rpc | <input type="checkbox"/> applications.builds.upload | |

Bot Permissions, set them to what you need but this one will only send messages!

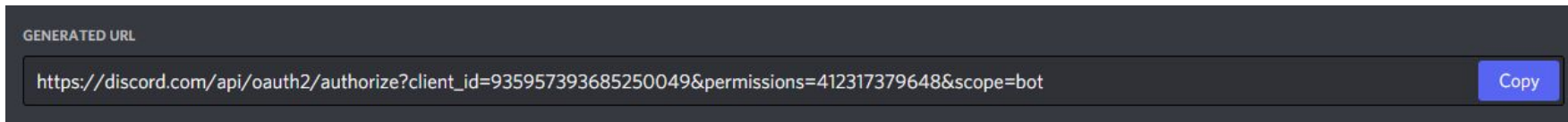
BOT PERMISSIONS

GENERAL PERMISSIONS	TEXT PERMISSIONS	VOICE PERMISSIONS
<input type="checkbox"/> Administrator	<input checked="" type="checkbox"/> Send Messages	<input type="checkbox"/> Connect
<input type="checkbox"/> View Audit Log	<input type="checkbox"/> Create Public Threads	<input type="checkbox"/> Speak
<input type="checkbox"/> View Server Insights	<input type="checkbox"/> Create Private Threads	<input type="checkbox"/> Video
<input type="checkbox"/> Manage Server	<input checked="" type="checkbox"/> Send Messages in Threads	<input type="checkbox"/> Mute Members
<input type="checkbox"/> Manage Roles	<input type="checkbox"/> Send TTS Messages	<input type="checkbox"/> Deafen Members
<input type="checkbox"/> Manage Channels	<input checked="" type="checkbox"/> Manage Messages	<input type="checkbox"/> Move Members
<input type="checkbox"/> Kick Members	<input type="checkbox"/> Manage Threads	<input type="checkbox"/> Use Voice Activity
<input type="checkbox"/> Ban Members	<input checked="" type="checkbox"/> Embed Links	<input type="checkbox"/> Priority Speaker
<input type="checkbox"/> Create Instant Invite	<input checked="" type="checkbox"/> Attach Files	
<input type="checkbox"/> Change Nickname	<input checked="" type="checkbox"/> Read Message History	
<input type="checkbox"/> Manage Nicknames	<input checked="" type="checkbox"/> Mention Everyone	
<input type="checkbox"/> Manage Emojis and Stickers	<input checked="" type="checkbox"/> Use External Emojis	
<input type="checkbox"/> Manage Webhooks	<input checked="" type="checkbox"/> Use External Stickers	
<input checked="" type="checkbox"/> Read Messages/View Channels	<input checked="" type="checkbox"/> Add Reactions	
<input type="checkbox"/> Manage Events	<input type="checkbox"/> Use Slash Commands	
<input type="checkbox"/> Moderate Members		

Make sure you
enable
"View Channels"

Generated URL

Below Scope and Bot Permissions, there's a Generated URL!



This URL is how we add our bot to our server!

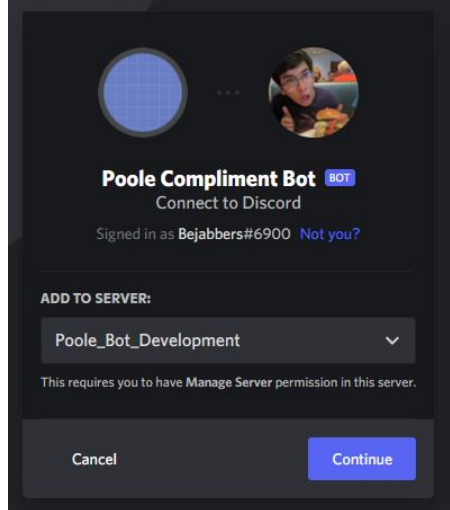
Go ahead and open a new tab and go there!

Bot Development Server

At this point, you're welcome to make your own server!

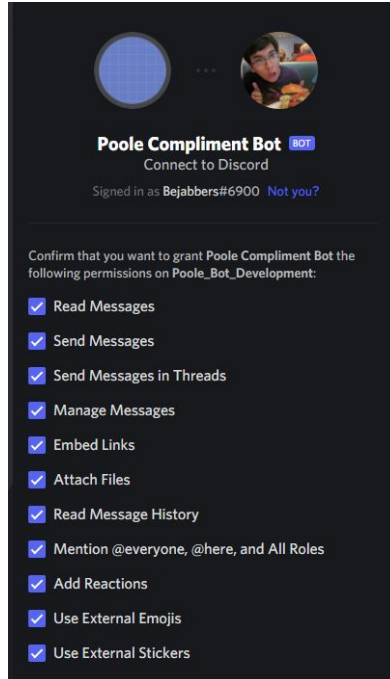
[Here is a link](#) to a dedicated server for bot development.

Everyone will have admin permissions to add their bot to this server.



Authorize Bot

Click “Authorize” to all of these that we enabled before!



You've made your first bot!

Nice! Now we can move on to building what our bot does!

