

# Discord API + discord.py

# W tej prezentacji

- Czym jest Discord API?
  - API(Application Programming Interface) służący do komunikacji między klientem a serwerem.
  - Pozwala programistom robić botów i aplikacje, współdziałające z serwerami, kanałami, wiadomościami i użytkownikami Discord.
- Czym jest discord.py?
  - Biblioteka dla Python-a ułatwiająca interakcję z Discord API.
  - Łatwa w użyciu i zoptymalizowana do tworzenia botów i integracji.

# Instalacja biblioteki

```
(.venv) PS C:\Users\nikit\PycharmProjects\JPWP> pip install discord
```

Jest potrzebny python 3.10+



Create Your Server

Your server is where you and your friends hang out. Make yours and start talking.

Create My Own

START FROM A TEMPLATE

Gaming

School Club

Study Group

Have an invite already?

Join a Server

Tell Us More About Your Server

In order to help you with your setup, is your new server for just a few friends or a larger community?

For me and my friends

For a club or community

Not sure? You can skip this question for now.

Back

Customize Your Server

Give your new server a personality with a name and an icon. You can always change it later.

UPLOAD

SERVER NAME

test

By creating a server, you agree to Discord's Community Guidelines.

Back

Create

- Applications
- Teams
- Embed Debugger
- Documentation

# Applications

New Application



Find the perfect feature set for your game in our Game SDK, and sign up for Server Commerce to start selling directly in your server. Get started by creating a new application. We can't wait to see what you make!

Sort By: 

Date Created

Small

Large

## My Applications



You don't have any applications yet, sad face.  
Click New Application above to get started.

SELECTED APP

My\_App

SETTINGS

General Information

Installation

OAuth2

Bot

Rich Presence

App Testers

MONETIZATION

Getting Started

ACTIVITIES

Getting Started

Bot

Bring your app to life on Discord with a Bot user. Be a part of chat in your users' servers and interact with them directly.

[Learn more about bot users](#)

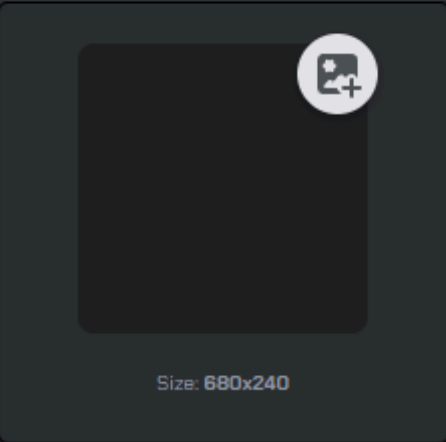
Build-A-Bot

Bring your app to life by adding a bot user. This action is irreversible (because robots are too cool to destroy).

ICON



BANNER



USERNAME

My\_App

#9956

TOKEN

For security purposes, tokens can only be viewed once, when created. If you forgot or lost access to your token, please regenerate a new one.

Reset Token

Authorization Flow

These settings control how OAuth2 authorizations are restricted for your bot (who can add your bot and how it is added).

PUBLIC BOT

Public bots can be added by anyone. When unchecked, only you can join this bot to servers.



REQUIRES OAUTH2 CODE GRANT

If your application requires multiple scopes then you may need the full OAuth2 flow to ensure a bot doesn't join before your application is granted a token.



Privileged Gateway Intents

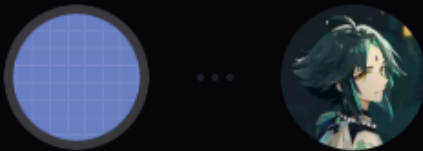






https://discord.com/oauth2/authorize?client\_id=1241863219426099463&permissions=80scope=bot

Copy



An external application  
**My\_App** APP  
wants to access your Discord account  
Signed in as blfat. [Not you?](#)

THIS WILL ALLOW THE DEVELOPER OF MY\_APP TO:

- ✓ Add a bot to a server
- ✓ Create commands
- ✗ Solve a mystery with Scooby and the gang

ADD TO SERVER:

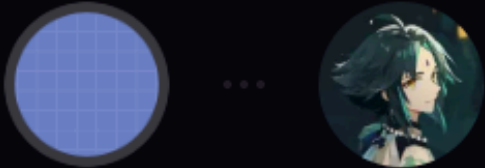
test123

This requires you to have **Manage Server** permission in the server.

Cancel

Continue





An external application  
**My\_App** APP  
wants to access your Discord account  
Signed in as bl1at. [Not you?](#)

Confirm that you want to grant **My\_App** the following permissions on **test123**:

☒ Administrator

- The developer of My\_App's privacy policy and terms of service apply to this application.
- Active since May 19, 2024
- Used in 0 servers
- This application **cannot** read your messages or send messages as you.

Back

Authorize









**My\_App**

My\_App#9956 **APP**

**MEMBER SINCE**

 May 19, 2024 •  May 19, 2024

**ROLE**



 My\_App 

**NOTE**


Click to add a note

Message @My\_App

**Online — 1**

 test123 

**Offline — 1**

 My\_App **APP**

<https://github.com/Rapptz/discord.py>



<https://discordpy.readthedocs.io/en/stable/api.html>



<https://discord.com/developers/docs/intro>



```
import discord
from discord.ext import commands
import token

intents = discord.Intents.default()
intents.message_content = True
bot = commands.Bot(command_prefix='>', intents=intents)

@bot.command()
async def ping(ctx):
    await ctx.send('pong')

bot.run(token.token) # YOUR TOKEN HERE
```





onurif Today at 10:47 AM  
\$test



@onurif \$test



Helper-Bot APP Today at 10:47 AM

**test**

my test embed

Today at 10:47 AM

**Pytania?**