LoreZ Discord Bot

A customizable, multi-purpose Discord bot built with discord.py. Features moderation, fun commands, utility functions, and a powerful reaction role system.

Features

- **Fun Commands:** hello, sup, ily, ping
- **Utility Commands:** about, avatar, userinfo, serverinfo, prefix
- **Moderation:** kick, nick (rename)
- **Reaction Roles:** Fully configurable reaction roles using JSON.
- **Admin:** shutdown, restart, reload (for bot owner only)

Installation & Setup

Follow these steps to get your own instance of the bot running.

1. Prerequisites

- Python 3.8 or higher
- A Discord Bot Token (from the [Discord Developer Portal](#))

2. Clone & Organize Files

1. Clone this repository to your local machine or server.
2. In the main project folder, create a new directory named cogs.
3. Move all of the following Python files **into** the cogs directory:
   - about.py
   - events.py
   - fun_and_utility.py
   - mod.py
   - reaction_manager.py

   (Your main folder should now contain main.py, .env, reaction_roles.json, and the new cogs folder. If you plan to use a welcome GIF, make sure the GIF file is also placed in this main folder.)
4. **Log File:** The bot will automatically generate a discord.log file in the main folder. This file is useful for debugging and seeing errors.

3. Install Dependencies

Install the required Python libraries using pip. A requirements.txt file is included for ease.

pip install -r requirements.txt

4. Configure Environment

1. Find the .env file.
2. Open it and add your Discord Bot Token:
   DISCORD_TOKEN=YourBotTokenGoesHere

5. Configure main.py

1. Open main.py with a code editor.
2. **Set Admin IDs:** Find the APPROVED_ADMIN_IDS list (around line 34) and replace the placeholder numbers with your own Discord User ID. This gives you access to commands like +shutdown and +reload.
   APPROVED_ADMIN_IDS = [
       123456789012345678, # Replace with your User ID
   ]

3. **Set Unauthorized Role ID:** Find bot.UNAUTHORIZED_ROLE_ID (around line 81) and replace the placeholder with the ID of the "unverified" or "guest" role on your server. This is needed for the verification setup.
   bot.UNAUTHORIZED_ROLE_ID = 123456789012345678 # ID of your "Unverified" role

4. **(Optional but Recommended):** The events.py cog contains an older, hardcoded verification system. To avoid conflicts with the new system, it's best to disable it. In main.py (around line 124), find the COGS_TO_LOAD list and remove 'cogs.events'.

6. Run the Bot

Once configured, you can start the bot:

python main.py

How to Use Reaction Roles (Verify & Standard)

Here is your step-by-step plan to get the reaction role system running. **Please follow these steps in order.**

1. First-Time Setup (One-Time-Only)

This step adds a default "Verify" rule to your reaction_roles.json file.

1. **Uncomment the Block:** Open main.py. Find the section around line 112 that starts with # --- ADD YOUR VERIFICATION SETUP....
2. **Uncomment all 12 lines** in that block (remove the # from the start of each line).
3. **Run the Bot:** Start your bot (python main.py).

You should see this in your console:
Added default verification role to config.

2. Verify the JSON

1. Open your reaction_roles.json file.
2. It should no longer be empty. It should now contain the full setup for your verification message, including the "type": "verify" and "❌": "KICK" parts.

3. "Lock In" Your Changes

1. **Stop the bot.**
2. Go back to main.py.
3. **Re-comment** the 12 lines you just uncommented. (Put the # back at the start of each one).
   - *This is very important. It prevents the bot from trying to add this default rule every single time it starts.*

4. Test The New Commands

Now for the fun part. **Start your bot again.** It will now load your verification rule from the JSON file.

A. Test +reaction add (for standard roles):

1. Go to a channel.
2. Send a message like "Get your color roles here!"
3. Right-click the message and **Copy ID**.
4. Create a test role (e.g., @TestRed).
5. In the channel, type the command (using the ID you just copied):
   +reaction add 1234567890123456789 🔴 @TestRed
6. The bot should reply "✅ **Added:**..." and automatically add the 🔴 reaction to your message.

B. Test +reaction remove:

1. Now, remove the rule you just made:
   +reaction remove 1234567890123456789 🔴
2. The bot should reply "✅ **Removed:**..." and remove its 🔴 reaction from the message.

⚠️ A Quick Warning on Emojis

- **Unicode Emojis:** Standard emojis (like 🔴, 👍, ✅) will work perfectly.
- **Custom Emojis:** If you want to use a custom server emoji, **use the emoji itself** in the command, don't just type its name.
  - **Do this:** +reaction add 123 <:my_emoji:123> @role
  - **Not this:** +reaction add 123 :my_emoji: @role (This will fail with an "Unknown Emoji" error).

Commands

The default prefix is +. This can be changed per-server with the +prefix command.

Command	Description
Fun	
+hello	Greet the bot.
+sup	Ask the bot what's up.
+ily	Tell the bot you love it.
+ping	Check the bot's latency.
Utility	
+about	Displays information about the bot.
+avatar [member]	Displays a user's avatar.
+userinfo [member]	Shows detailed information about a user.
+serverinfo	Shows detailed information about the server.
+prefix [new_prefix]	Sets a new prefix (Requires Manage Server).
+nick <member> <name>	Changes a user's nickname (Requires Manage Nicknames).
Moderation	
+kick <member> [reason]	Kicks a member (Requires Kick Members).
Reaction Roles	
+reaction add <msg_id> <emoji> <@role>	Adds a new reaction role (Requires Manage Roles).
+reaction remove <msg_id> <emoji>	Removes a reaction role (Requires Manage Roles).

Admin Only	
+shutdown	Shuts down the bot gracefully.
+restart	Restarts the bot.
+reload <cog_name>	Reloads a specific cog (e.g., fun_and_utility).

Contact

For any doubts, questions, or contributions, feel free to reach out:

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