

# Requirements

## Inactivity Purge Discord Bot

### Description

Occasionally, we undertake a thoughtful cleaning of our small Discord server by removing inactive members. To streamline this process, we are keen on automating it with the help of a dedicated Discord bot. Our vision for this bot is to have it respond to a simple command and, when the time comes, to operate on a predefined schedule. To make it flexible, we aim to incorporate configuration options, a customizable blacklist, and a handy preview feature, displaying the number and identities of members set to be purged. This way, we can maintain an active and engaging community while ensuring a seamless and organized experience for everyone involved.

### Requirements

**Language:** JavaScript

### Configuration Options

- The bot should allow live configuration to set up criteria for determining if a user should be purged.
- Inactivity Duration Role Specific - Text Channels
- Inactivity Duration Role Specific - Voice Channels
  - Configure which text channel has voice logs
- Blacklist
  - User Specific
  - Role Specific
- Authorized Roles to run command
- User Activity Log should only store the timestamps for when the user was last active
  - Don't need a delineation between text, reaction, and voice, just when was he/she last active

### Purge Command

- A command that triggers both the preview and confirmation actions for purging inactive members.
- Confirmation

- The bot should send a confirmation message before proceeding with the purge, allowing users to abort the process if necessary.

## Purge Preview

- The bot should provide a detailed preview of users who are about to be purged, along with a total count.

## Purge Preview Command (Low Priority)

- A separate command that runs only the preview action, allowing users to view the potential purge results without executing the actual purge.

## Purge Preview Edit

- The bot should provide an option to exclude a user from the current purge without permanently blacklisting them. This allows for more fine-grained control over the purge process.

## Scheduling Regular Purges

- The bot should support user-configured scheduling for performing regular purges automatically, without requiring manual interaction. This helps maintain server activity and cleanliness without constant user intervention.
- Reminder messages and/or previews of purge
- Configuration for reminders

## Multiple Server Support

- The bot should be capable of handling server-specific configurations to ensure that its behavior is not universally dictated by one server's configuration file. Each server should have the flexibility to set independent settings and preferences to suit its unique needs and requirements.

## Warning Message

- Proactively inform a user that they will be purged if they remain inactive

## Bugs to Fix

- Inactive/Blacklist Users db is retaining users that have been purged
- Role Based Inactivity timing

- If you use the */purge* command from the Discord chat it will work, but the bot will crash right after. Needs to be debugged
- Purge Page
  - Doesn't have a refresh button
  - Should duration of time since last active
- The timer of the automatic purge function is hardcoded. Should be dynamic
- Purge History
  - Doesn't show list of users purged, only the number of users
  - Automatic Purges are not recorded in the history
- Blacklist
  - No role based blacklist