

Namespace KWiJisho

Classes

[Program](#)

The main entry point class of the application.

Class Program

Namespace: [KWijisho](#)

Assembly: KWijisho.dll

The main entry point class of the application.

```
internal class Program
```

Inheritance

[object](#) ← Program

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

Main()

The main entry point method of the application.

```
internal static void Main()
```

Namespace KWiJisho.Modules

Classes

[Bot](#)

The main entry point of the application.

[ConfigJson.Color](#)

Represents an RGB color with red, green, and blue components.

Structs

[ConfigJson](#)

Class that represents the ConfigJson file for configuring the discord bot.

Class Bot

Namespace: [KWiJisho.Modules](#)

Assembly: KWiJisho.dll

The main entry point of the application.

```
internal class Bot
```

Inheritance

[object](#) ← Bot

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

DiscordClient

Gets or sets the Discord client instance used by the bot.

```
internal DiscordClient DiscordClient { get; private set; }
```

Property Value

DiscordClient

PrefixCommands

Gets or sets the DSharpPlus.CommandsNext.CommandsNextExtension instance for handling bot prefix commands.

```
internal CommandsNextExtension PrefixCommands { get; private set; }
```

Property Value

SlashCommands

Gets or sets the DSharpPlus.SlashCommands.SlashCommandsExtension instance for handling bot slash commands.

```
internal SlashCommandsExtension SlashCommands { get; private set; }
```

Property Value

SlashCommandsExtension

Methods

RegisterBotEvents()

Register all the Discord bot events.

```
internal void RegisterBotEvents()
```

RegisterPrefixCommands()

Register all the Discord bot prefix commands.

```
internal void RegisterPrefixCommands()
```

RegisterPrefixCommandsPermissions()

Register all the Discord bot prefix commands permissions.

```
internal void RegisterPrefixCommandsPermissions()
```

RegisterSlashCommands()

Register all the Discord bot slash commands.

```
internal void RegisterSlashCommands()
```

RegisterSlashCommandsPermissions()

Register all the Discord bot slash commands permissions.

```
internal void RegisterSlashCommandsPermissions()
```

RunAsync()

Asynchronously runs the bot connecting it to the Discord and initializing the necessary configurations.

```
internal Task RunAsync()
```

Returns

[Task](#)

A task representing the asynchronous operation.

Struct ConfigJson

Namespace: [KWiJisho.Modules](#)

Assembly: KWiJisho.dll

Class that represents the ConfigJson file for configuring the discord bot.

```
internal struct ConfigJson
```

Inherited Members

[ValueType.Equals\(object\)](#) , [ValueType.GetHashCode\(\)](#) , [ValueType.ToString\(\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetType\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Fields

_configJsonActivity

```
private string _configJsonActivity
```

Field Value

[string](#)

_configJsonChatGptToken

```
private string _configJsonChatGptToken
```

Field Value

[string](#)

_configJsonKWiJishoToken

```
private string _configJsonKWiJishoToken
```

Field Value

[string](#) ↗

_configJsonNasaToken

```
private string _configJsonNasaToken
```

Field Value

[string](#) ↗

_configJsonPrefix

```
private string _configJsonPrefix
```

Field Value

[string](#) ↗

_configJsonPurpleColor

```
private ConfigJson.Color _configJsonPurpleColor
```

Field Value

[ConfigJson.Color](#)

Properties

Activity

Gets or sets the default bot activity.

```
internal static string Activity { get; set; }
```

Property Value

[string](#) ↗

ChatGptToken

Gets or sets the API token for ChatGPT.

```
internal static string ChatGptToken { get; set; }
```

Property Value

[string](#) ↗

ConfigJsonActivity

```
[JsonProperty("activity")]
[SuppressMessage("CodeQuality", "IDE0051:Remove unused private members", Justification =
"It's being used in Json deserialization.")]
[SuppressMessage("Style", "IDE0251:Make member 'readonly'", Justification = "It's being set
on Json file.")]
private string ConfigJsonActivity { get; set; }
```

Property Value

[string](#) ↗

ConfigJsonChatGptToken

```
[JsonProperty("chatgptToken")]
[SuppressMessage("CodeQuality", "IDE0051:Remove unused private members", Justification =
"It's being used in Json deserialization.")]
[SuppressMessage("Style", "IDE0251:Make member 'readonly'", Justification = "It's being set
```

```
on Json file.")]  
private string ConfigJsonChatGptToken { get; set; }
```

Property Value

[string](#) ↗

ConfigJsonKWiJishoToken

```
[JsonProperty("kwijishoToken")]  
[SuppressMessage("CodeQuality", "IDE0051:Remove unused private members", Justification =  
"It's being used in Json deserialization.")]  
[SuppressMessage("Style", "IDE0251:Make member 'readonly'", Justification = "It's being set  
on Json file.")]  
private string ConfigJsonKWiJishoToken { get; set; }
```

Property Value

[string](#) ↗

ConfigJsonNasaToken

```
[JsonProperty("nasaToken")]  
[SuppressMessage("CodeQuality", "IDE0051:Remove unused private members", Justification =  
"It's being used in Json deserialization.")]  
[SuppressMessage("Style", "IDE0251:Make member 'readonly'", Justification = "It's being set  
on Json file.")]  
private string ConfigJsonNasaToken { get; set; }
```

Property Value

[string](#) ↗

ConfigJsonPrefix

```
[JsonProperty("prefix")]  
[SuppressMessage("CodeQuality", "IDE0051:Remove unused private members", Justification =
```

```
"It's being used in Json deserialization.")]
[SuppressMessage("Style", "IDE0251:Make member 'readonly'", Justification = "It's being set
on Json file.")]
private string ConfigJsonPrefix { get; set; }
```

Property Value

[string](#)

ConfigJsonPurpleColor

```
[JsonProperty("purpleColor")]
[SuppressMessage("CodeQuality", "IDE0051:Remove unused private members", Justification =
"It's being used in Json deserialization.")]
[SuppressMessage("Style", "IDE0251:Make member 'readonly'", Justification = "It's being set
on Json file.")]
private ConfigJson.Color ConfigJsonPurpleColor { get; set; }
```

Property Value

[ConfigJson.Color](#)

DefaultColor

Gets or sets the default color for bot messages.

```
internal static ConfigJson.Color DefaultColor { get; set; }
```

Property Value

[ConfigJson.Color](#)

KWijishoToken

Gets or sets the API token for KWijisho.

```
internal static string KWiJishoToken { get; set; }
```

Property Value

[string ↗](#)

NasaToken

Gets or sets the API token for NASA.

```
internal static string NasaToken { get; set; }
```

Property Value

[string ↗](#)

Prefix

Gets or sets the command prefix for the bot.

```
internal static string Prefix { get; set; }
```

Property Value

[string ↗](#)

Methods

DeserializeConfigJsonFileAsync()

Asynchronously deserializes the content of the config.json file into a [ConfigJson](#) instance. The [static ↗](#) properties from [ConfigJson](#) will receive the values.

```
internal static Task<ConfigJson> DeserializeConfigJsonFileAsync()
```

Returns

[Task](#) <[ConfigJson](#)>

A [Task<TResult>](#) representing the asynchronous operation, yielding a [ConfigJson](#) instance.

Class ConfigJson.Color

Namespace: [KWiJisho.Modules](#)

Assembly: KWiJisho.dll

Represents an RGB color with red, green, and blue components.

```
internal class ConfigJson.Color
```

Inheritance

[object](#) ← ConfigJson.Color

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Blue

Gets or sets the blue component of the RGB color.

```
[JsonProperty("blue")]
internal byte Blue { get; set; }
```

Property Value

[byte](#)

DiscordColor

Gets a Discord color representation based on the RGB components.

```
internal DiscordColor DiscordColor { get; }
```

Property Value

Green

Gets or sets the green component of the RGB color.

```
[JsonProperty("green")]
internal byte Green { get; set; }
```

Property Value

[byte ↗](#)

Red

Gets or sets the red component of the RGB color.

```
[JsonProperty("red")]
internal byte Red { get; set; }
```

Property Value

[byte ↗](#)

Namespace KWijisho.Modules.APIs

Classes

[HttpService](#)

A simple HTTP service for making GET requests and retrieving the response content.

[NasaApi](#)

This class provides methods for interacting with the NASA's API using HTTP requests. API Documentation:

[NasaApi.Apod](#)

This class provides methods for interacting with the APOD (Astronomy Picture of the Day) API using HTTP requests.

[NasaApi.Apod.ApodResponseJson](#)

Represents the APOD Json response for a NASA's API HTTP request.

[OpenAiApi](#)

This class provides methods for interacting with the OpenAI GPT-3.5 model using the OpenAI-API-dotnet library. API Documentation:

Class HttpService

Namespace: [KWiJisho.Modules.APIs](#)

Assembly: KWiJisho.dll

A simple HTTP service for making GET requests and retrieving the response content.

```
internal static class HttpService
```

Inheritance

[object](#) ← HttpService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetAsync(HttpClient, string)

Sends an asynchronous GET request to the specified URI and returns the response content as a string.

```
internal static Task<string> GetAsync(HttpClient httpClient, string strRequest)
```

Parameters

httpClient [HttpClient](#)

The HttpClient instance to use for the request.

strRequest [string](#)

The URI of the resource to request.

Returns

[Task](#)<[string](#)>

A Task representing the asynchronous operation. The result contains the response content as a string.

Class NasaApi

Namespace: [KWiJisho.Modules.APIs](#)

Assembly: KWiJisho.dll

This class provides methods for interacting with the NASA's API using HTTP requests. API Documentation:

```
internal static class NasaApi
```

Inheritance

[object](#) ← NasaApi

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

HttpClient

HttpClient responsible for making api requests.

```
private static readonly HttpClient HttpClient
```

Field Value

[HttpClient](#)

Class NasaApi.Apod

Namespace: [KWiJisho.Modules.APIs](#)

Assembly: KWiJisho.dll

This class provides methods for interacting with the APOD (Astronomy Picture of the Day) API using HTTP requests.

```
internal static class NasaApi.Apod
```

Inheritance

[object](#) ← NasaApi.Apod

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetAsync()

Retrieves the Astronomy Picture of the Day (APOD) through a request to NASA's API.

```
internal static Task<NasaApi.Apod.ApodResponseJson> GetAsync()
```

Returns

[Task](#) <[NasaApi.Apod.ApodResponseJson](#)>

An asynchronous [Task](#) that represents the operation. The task result contains an [NasaApi.Apod.ApodResponseJson](#) object.

GetUsingNasaApiAsync(string)

Makes a generic request to NASA's API with the specified endpoint.

```
private static Task<string> GetUsingNasaApiAsync(string request)
```

Parameters

request [string](#)

The endpoint for the API request.

Returns

[Task](#)<[string](#)>

An asynchronous task that represents the operation. The task result contains the API response as a string.

Class NasaApi.Apod.ApodResponseJson

Namespace: [KWiJisho.Modules.APIs](#)

Assembly: KWiJisho.dll

Represents the APOD Json response for a NASA's API HTTP request.

```
internal class NasaApi.Apod.ApodResponseJson
```

Inheritance

[object](#) ← NasaApi.Apod.ApodResponseJson

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Copyright

Copyright of the current Astronomy Picture of the Day.

```
[JsonProperty("copyright")]
internal string Copyright { get; set; }
```

Property Value

[string](#)

Date

Date of the current Astronomy Picture of the Day.

```
[JsonProperty("date")]
internal DateTime Date { get; set; }
```

Property Value

[DateTime](#)

Explanation

Explanation of the current Astronomy Picture of the Day.

```
[JsonProperty("explanation")]
internal string Explanation { get; set; }
```

Property Value

[string](#)

Title

Title of the current Astronomy Picture of the Day.

```
[JsonProperty("title")]
internal string Title { get; set; }
```

Property Value

[string](#)

Url

Image URL of the current Astronomy Picture of the Day.

```
[JsonProperty("url")]
internal string Url { get; set; }
```

Property Value

[string](#)

Class OpenAiApi

Namespace: [KWiJisho.Modules.APIs](#)

Assembly: KWiJisho.dll

This class provides methods for interacting with the OpenAI GPT-3.5 model using the OpenAI-API-dotnet library. API Documentation:

```
internal static class OpenAiApi
```

Inheritance

[object](#) ← OpenAiApi

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetPromptAsync(string, string)

Asynchronous method to generate a prompt for the OpenAI GPT-3.5 model.

```
private static Task<string> GetPromptAsync(string userInput, string promptStyle)
```

Parameters

userInput [string](#)

The user input text.

promptStyle [string](#)

The style of the prompt to be added.

Returns

[Task](#) <[string](#)>

A Task representing the asynchronous operation, yielding the generated prompt.

GetPromptKWiJishoStyleAsync(string)

Asynchronous method to generate a prompt in the style of "KWiJisho."

```
internal static Task<string> GetPromptKWiJishoStyleAsync(string input)
```

Parameters

input [string](#)

The user input text.

Returns

[Task](#) <[string](#)>

A Task representing the asynchronous operation, yielding the generated prompt.

GetPromptSummarizeTextAsync(string)

Asynchronous method to generate a prompt for summarizing text.

```
internal static Task<string> GetPromptSummarizeTextAsync(string input)
```

Parameters

input [string](#)

The text to be summarized.

Returns

[Task](#) <[string](#)>

A Task representing the asynchronous operation, yielding the generated prompt.

GetPromptTranslateToPortugueseAsync(string)

Asynchronous method to generate a prompt for translating text to Brazilian Portuguese.

```
internal static Task<string> GetPromptTranslateToPortugueseAsync(string input)
```

Parameters

input [string](#)

The text to be translated.

Returns

[Task](#) <[string](#)>

A Task representing the asynchronous operation, yielding the generated prompt.

Namespace KWiJisho.Modules.Commands

Classes

[Basic](#)

Provides methods for "prefix" and "slash" basic commands.

[Birthday](#)

Provides methods for "prefix" and "slash" birthday commands.

[Info](#)

Provides methods for "prefix" and "slash" informational and helpful commands.

[KwiGpt](#)

Provides methods for "prefix" and "slash" KWiGPT commands.

Class Basic

Namespace: [KWiJisho.Modules.Commands](#)

Assembly: KWiJisho.dll

Provides methods for "prefix" and "slash" basic commands.

```
internal static class Basic
```

Inheritance

[object](#) ← Basic

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

SendRandomAnimatedEmoji(DiscordChannel)

Sends a random animated emoji from [DiscordEmojis.AnimatedEmojis](#).

```
internal static Task SendRandomAnimatedEmoji(DiscordChannel discordChannel)
```

Parameters

discordChannel DiscordChannel

The discord channel where the command will be executed.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

SendRandomAnimatedMemeEmoji(DiscordChannel)

Sends a random animated emoji from [AnimatedMemeEmojis](#).

```
internal static Task SendRandomAnimatedMemeEmoji(DiscordChannel discordChannel)
```

Parameters

discordChannel DiscordChannel

The discord channel where the command will be executed.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

SendRandomAnimatedPartyEmoji(DiscordChannel)

Sends a random animated emoji from [AnimatedPartyEmojis](#).

```
internal static Task SendRandomAnimatedPartyEmoji(DiscordChannel discordChannel)
```

Parameters

discordChannel DiscordChannel

The discord channel where the command will be executed.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

Class Birthday

Namespace: [KWiJisho.Modules.Commands](#)

Assembly: KWiJisho.dll

Provides methods for "prefix" and "slash" birthday commands.

```
internal static class Birthday
```

Inheritance

[object](#) ← Birthday

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Months

```
private static Dictionary<int, string> Months { get; }
```

Property Value

[Dictionary](#)<[int](#), [string](#)>

Methods

GetListBirthdayAsync(DiscordChannel, DiscordGuild)

```
internal static Task GetListBirthdayAsync(DiscordChannel discordChannel,  
DiscordGuild discordGuild)
```

Parameters

discordChannel DiscordChannel

discordGuild DiscordGuild

Returns

[Task ↗](#)

GetNextBirthdayAsync(DiscordChannel, DiscordGuild)

```
internal static Task GetNextBirthdayAsync(DiscordChannel discordChannel,  
DiscordGuild discordGuild)
```

Parameters

discordChannel DiscordChannel

discordGuild DiscordGuild

Returns

[Task ↗](#)

Class Info

Namespace: [KWiJisho.Modules.Commands](#)

Assembly: KWiJisho.dll

Provides methods for "prefix" and "slash" informational and helpful commands.

```
internal static class Info
```

Inheritance

[object](#) ← Info

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetHelpAsync(DiscordChannel, DiscordClient)

```
internal static Task GetHelpAsync(DiscordChannel discordChannel,  
DiscordClient discordClient)
```

Parameters

discordChannel DiscordChannel

discordClient DiscordClient

Returns

[Task](#)

GetInfoAsync(DiscordChannel, DiscordClient)

```
internal static Task GetInfoAsync(DiscordChannel discordChannel,
```

```
DiscordClient discordClient)
```

Parameters

discordChannel DiscordChannel

discordClient DiscordClient

Returns

[Task](#) ↗

Class KwiGpt

Namespace: [KWiJisho.Modules.Commands](#)

Assembly: KWIJisho.dll

Provides methods for "prefix" and "slash" KWIGPT commands.

```
internal static class KwiGpt
```

Inheritance

[object](#) ← KwiGpt

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

ChatGptPromptAsync(DiscordChannel, params string[])

```
internal static Task ChatGptPromptAsync(DiscordChannel discordChannel, params  
string[] input)
```

Parameters

discordChannel DiscordChannel

input [string](#)[]

Returns

[Task](#)

Namespace KWiJisho.Modules.Commands. Prefix

Classes

[PrefixCommand](#)

Represents a single Discord command.

[PrefixCommandGroup](#)

Represents a group and holds a list with a set of Discord commands.

[PrefixCommandManager](#)

Provides a set of commands and classes for managing commands in a Discord server.

[PrefixCommandManager.PrefixBasic](#)

Represents a set of basic prefix commands.

[PrefixCommandManager.PrefixBirthday](#)

Represents a set of birthday prefix commands.

[PrefixCommandManager.PrefixInfo](#)

Represents a set of info prefix commands.

[PrefixCommandManager.PrefixKwiGpt](#)

Represents a set of KWiGpt prefix commands. Interaction commands with ChatGpt in KWiJisho bot style.

[PrefixCommandManager.PrefixNasa](#)

[PrefixCommandManager.PrefixNasa.ApodBuilder](#)

[PrefixCommandManager.PrefixTheme](#)

Represents a set of prefix commands to change theme in a Discord server.

[PrefixCommandManager.PrefixTheme.PrefixThemeTramontina](#)

Represents a set of prefix commands to change theme designed specifically for Tramontina Discord server.

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

Initializes a new instance of [PrefixCommandManager.PrefixTheme.TramontinaChannel](#) class with the specified id, the default channel text title and emoji theme.

[PrefixPokemon](#)

Enums

[PrefixCommandManager.PrefixTheme.EmojiTheme](#)

Represents seasonal themes that you can set to the Discord server.

Class PrefixCommand

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Represents a single Discord command.

```
internal class PrefixCommand
```

Inheritance

[object](#) ← PrefixCommand

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

PrefixCommand(string, string, PrefixCommandGroup, Permissions)

Initializes a new instance of the [PrefixCommand](#) class.

```
internal PrefixCommand(string name, string description, PrefixCommandGroup group,  
Permissions permission = Permissions.None)
```

Parameters

name [string](#)

The name of the command.

description [string](#)

The description of the command.

group [PrefixCommandGroup](#)

The command group to which this command belongs.

permission Permissions

The required permissions for the command.

Properties

Description

Gets or sets the description of the commands.

```
internal string Description { get; set; }
```

Property Value

[string](#)

Name

Gets or sets the name of the command.

```
internal string Name { get; set; }
```

Property Value

[string](#)

Permissions

Gets or sets the required permissions for the command.

```
internal Permissions Permissions { get; set; }
```

Property Value

Permissions

Class PrefixCommandGroup

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Represents a group and holds a list with a set of Discord commands.

```
internal class PrefixCommandGroup
```

Inheritance

[object](#) ← PrefixCommandGroup

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Constructors

PrefixCommandGroup(string)

Initializes a new instance of the [PrefixCommandGroup](#) class.

```
internal PrefixCommandGroup(string name)
```

Parameters

name [string](#)

The name of the command group.

Properties

Commands

Gets or sets the list of commands in the prefix command group.

```
internal List<PrefixCommand> Commands { get; set; }
```

Property Value

[List](#) <[PrefixCommand](#)>

Name

Gets or sets the name of the prefix command group.

```
internal string Name { get; set; }
```

Property Value

[string](#)

Methods

ToString()

Returns a string that represents the current object.

```
public override string ToString()
```

Returns

[string](#)

A string that represents the current object.

Class PrefixCommandManager

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Provides a set of commands and classes for managing commands in a Discord server.

```
internal static class PrefixCommandManager
```

Inheritance

[object](#) ← PrefixCommandManager

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Astronomy

Gets the command group for Astronomy commands.

```
internal static PrefixCommandGroup Astronomy { get; }
```

Property Value

[PrefixCommandGroup](#)

Basic

Gets the command group for Basic commands.

```
internal static PrefixCommandGroup Basic { get; }
```

Property Value

[PrefixCommandGroup](#)

Birthday

Gets the command group for Birthday commands.

```
internal static PrefixCommandGroup Birthday { get; }
```

Property Value

[PrefixCommandGroup](#)

ChatGpt

Gets the command group for ChatGPT commands.

```
internal static PrefixCommandGroup ChatGpt { get; }
```

Property Value

[PrefixCommandGroup](#)

CommandGroups

Gets or sets the list of command groups.

```
internal static List<PrefixCommandGroup> CommandGroups { get; set; }
```

Property Value

[List](#) <[PrefixCommandGroup](#)>

Info

Gets the command group for Information and Help commands.

```
internal static PrefixCommandGroup Info { get; }
```

Property Value

[PrefixCommandGroup](#)

Theme

Gets the command group for Theme commands.

```
internal static PrefixCommandGroup Theme { get; }
```

Property Value

[PrefixCommandGroup](#)

Class PrefixCommandManager.PrefixBasic

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Represents a set of basic prefix commands.

```
internal class PrefixCommandManager.PrefixBasic : BaseCommandModule
```

Inheritance

[object](#) ← BaseCommandModule ← PrefixCommandManager.PrefixBasic

Inherited Members

BaseCommandModule.BeforeExecutionAsync(CommandContext) ,
BaseCommandModule.AfterExecutionAsync(CommandContext) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

emoji

Represents the command to send a random animated emoji.

```
internal PrefixCommand emoji
```

Field Value

[PrefixCommand](#)

emojim

Represents the command to send a random animated meme emoji.

```
internal PrefixCommand emojim
```

Field Value

[PrefixCommand](#)

emojip

Represents the command to send a random animated party emoji.

```
internal PrefixCommand emojip
```

Field Value

[PrefixCommand](#)

Methods

SendRandomAnimatedEmoji(CommandContext)

Represents the asynchronous prefix send random animated emoji method called when sending a random animated emoji.

```
[Command("emoji")]
internal Task SendRandomAnimatedEmoji(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

SendRandomMemeEmoji(CommandContext)

Represents the asynchronous prefix send random animated meme emoji method called when sending a random meme animated emoji.

```
[Command("emojim")]
internal Task SendRandomMemeEmoji(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

SendRandomPartyEmoji(CommandContext)

Represents the asynchronous prefix send random animated party emoji method called when sending a random party animated emoji.

```
[Command("emojip")]
internal Task SendRandomPartyEmoji(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

Class PrefixCommandManager.PrefixBirthday

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Represents a set of birthday prefix commands.

```
internal class PrefixCommandManager.PrefixBirthday : BaseCommandModule
```

Inheritance

[object](#) ← BaseCommandModule ← PrefixCommandManager.PrefixBirthday

Inherited Members

BaseCommandModule.BeforeExecutionAsync(CommandContext) ,
BaseCommandModule.AfterExecutionAsync(CommandContext) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

listBirthday

Represents the command to list people will have birthday.

```
internal PrefixCommand listBirthday
```

Field Value

[PrefixCommand](#)

nextBirthday

Represents the command to show the next person to have a birthday.

```
internal PrefixCommand nextBirthday
```

Field Value

[PrefixCommand](#)

Methods

GetListBirthdayAsync(CommandContext)

Represents the asynchronous prefix get birthday list called when requesting to show the list of people to have a birthday.

```
[Command("listBirthday")]
internal Task GetListBirthdayAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

GetNextBirthdayAsync(CommandContext)

Represents the asynchronous prefix get next birthday method called when requesting to show the next person to have a birthday.

```
[Command("nextBirthday")]
internal Task GetNextBirthdayAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

Class PrefixCommandManager.PrefixInfo

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Represents a set of info prefix commands.

```
internal class PrefixCommandManager.PrefixInfo : BaseCommandModule
```

Inheritance

[object](#) ← BaseCommandModule ← PrefixCommandManager.PrefixInfo

Inherited Members

BaseCommandModule.BeforeExecutionAsync(CommandContext) ,
BaseCommandModule.AfterExecutionAsync(CommandContext) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

furtherHelpMessage

Constant string that holds the further help message.

```
internal const string furtherHelpMessage = " Para receber detalhes sobre um comando digite  
\\"help <nome do comando>\\"."
```

Field Value

[string](#)

help

Represents the command to show help about the Discord bot commands.

```
internal PrefixCommand help
```

Field Value

[PrefixCommand](#)

info

Represents the command to show information about the bot and the bot owner.

```
internal PrefixCommand info
```

Field Value

[PrefixCommand](#)

Methods

GetHelpAsync(CommandContext)

Represents the asynchronous prefix help method called when user asks for the prefix help command.

```
[Command("help")]
internal Task GetHelpAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

GetInfoAsync(CommandContext)

Represents the asynchronous prefix info method called when user asks for the prefix info command.

```
[Command("info")]
internal Task GetInfoAsync(CommandContext commandContext)
```

Parameters

`commandContext` CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

Class PrefixCommandManager.PrefixKwiGpt

Namespace: [KWijisho.Modules.Commands.Prefix](#)

Assembly: KWijisho.dll

Represents a set of KWiGpt prefix commands. Interaction commands with ChatGpt in KWijisho bot style.

```
internal class PrefixCommandManager.PrefixKwiGpt : BaseCommandModule
```

Inheritance

[object](#) ← BaseCommandModule ← PrefixCommandManager.PrefixKwiGpt

Inherited Members

BaseCommandModule.BeforeExecutionAsync(CommandContext) ,
BaseCommandModule.AfterExecutionAsync(CommandContext) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

k

Represents the command to get the chat gpt prompt in KWijisho style.

```
internal PrefixCommand k
```

Field Value

[PrefixCommand](#)

Methods

GetChatGptPromptAsync(CommandContext, params string[])

Represent the asynchronous prefix get chat gpt prompt async method called when user uses the command to interact with the bot with ChatGpt in KWijisho style.

```
[Command("k")]
internal Task GetChatGptPromptAsync(CommandContext commandContext, params string[] inputs)
```

Parameters

commandContext CommandContext

The command context from the current command call.

inputs [string](#)[]

The user input for getting the chat prompt

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

Class PrefixCommandManager.PrefixNasa

Namespace: [KWIJisho.Modules.Commands.Prefix](#)

Assembly: KWIJisho.dll

```
internal class PrefixCommandManager.PrefixNasa : BaseCommandModule
```

Inheritance

[object](#) ← BaseCommandModule ← PrefixCommandManager.PrefixNasa

Inherited Members

BaseCommandModule.BeforeExecutionAsync(CommandContext) ,
BaseCommandModule.AfterExecutionAsync(CommandContext) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

apod

Represent the command to get the APOD at its current default state.

```
internal PrefixCommand apod
```

Field Value

[PrefixCommand](#)

apodResume

Represent the command to get the APOD resumed and translated to portuguese.

```
internal PrefixCommand apodResume
```

Field Value

Methods

ApodAsync(CommandContext)

Represents the asynchronous prefix APOD method callend when user asks for the APOD command.

```
[Command("apod")]
internal Task ApodAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

ApodResumeAsync(CommandContext)

Represents the asynchronous prefix APOD resume method callend when user asks for the APOD resume command.

```
[Command("apodResume")]
internal Task ApodResumeAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

The command context from the current command call.

Returns

[Task](#)

A [Task](#) from the current asynchronous task.

BuildApodMessage(CommandContext)

```
private Task<DiscordEmbedBuilder> BuildApodMessage(CommandContext commandContext)
```

Parameters

commandContext CommandContext

Returns

[Task](#)<DiscordEmbedBuilder>

GenerateApodDiscordMessageBuilderAsync(CommandContext)

```
private Task<DiscordEmbedBuilder> GenerateApodDiscordMessageBuilderAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

Returns

[Task](#)<DiscordEmbedBuilder>

Class

PrefixCommandManager.PrefixNasa.ApodBuilder

Namespace: [KWJisho.Modules.Commands.Prefix](#)

Assembly: KWJisho.dll

```
internal class PrefixCommandManager.PrefixNasa.ApodBuilder
```

Inheritance

[object](#) ← PrefixCommandManager.PrefixNasa.ApodBuilder

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

ApodDateText

```
internal string ApodDateText { get; set; }
```

Property Value

[string](#)

CopyrightText

```
internal string CopyrightText { get; set; }
```

Property Value

[string](#)

CultureInfo

```
internal CultureInfo CultureInfo { get; set; }
```

Property Value

[CultureInfo](#) ↗

DateContent

```
internal DateTime DateContent { get; set; }
```

Property Value

[DateTime](#) ↗

ExplanationContent

```
internal string ExplanationContent { get; set; }
```

Property Value

[string](#) ↗

UrlContent

```
internal string UrlContent { get; set; }
```

Property Value

[string](#) ↗

Class PrefixCommandManager.PrefixTheme

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Represents a set of prefix commands to change theme in a Discord server.

```
internal class PrefixCommandManager.PrefixTheme
```

Inheritance

[object](#) ← PrefixCommandManager.PrefixTheme

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Enum PrefixCommandManager.PrefixTheme.EmojiTheme

Namespace: [KWJisho.Modules.Commands.Prefix](#)

Assembly: KWJisho.dll

Represents seasonal themes that you can set to the Discord server.

```
internal enum PrefixCommandManager.PrefixTheme.EmojiTheme
```

Fields

Christmas = 1

Default = 0

Easter = 2

Halloween = 3

Class

PrefixCommandManager.PrefixTheme.PrefixThemeTramontina

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Represents a set of prefix commands to change theme designed specifically for Tramontina Discord server.

```
internal class PrefixCommandManager.PrefixTheme.PrefixThemeTramontina : BaseCommandModule
```

Inheritance

[object](#) ← BaseCommandModule ← PrefixCommandManager.PrefixTheme.PrefixThemeTramontina

Inherited Members

BaseCommandModule.BeforeExecutionAsync(CommandContext) ,
BaseCommandModule.AfterExecutionAsync(CommandContext) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

CanalEscondidinho

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel  
CanalEscondidinho
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

CantinhoDaFofoca

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel CantinhoDaFofoca
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

CorpoDeBombeiros1

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel  
CorpoDeBombeiros1
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

CorpoDeBombeiros2

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel  
CorpoDeBombeiros2
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

Dicionario

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel Dicionario
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

Geral

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel Geral
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

OutrosBots

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel OutrosBots
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

PrintsEternizados

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel PrintsEternizados
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

Radio

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel Radio
```

Field Value

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

TramontinaChannels

Channels from tramontina server that can receive theme changing.

```
private static readonly List<PrefixCommandManager.PrefixTheme.TramontinaChannel>
TramontinaChannels
```

Field Value

[List](#) <[PrefixCommandManager](#).[PrefixTheme](#).[TramontinaChannel](#)>

Waifu

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel Waifu
```

Field Value

[PrefixCommandManager](#).[PrefixTheme](#).[TramontinaChannel](#)

YouTube

```
internal static readonly PrefixCommandManager.PrefixTheme.TramontinaChannel YouTube
```

Field Value

[PrefixCommandManager](#).[PrefixTheme](#).[TramontinaChannel](#)

themeChristmas

Sets the Tramontina server to Christmas Theme.

```
internal PrefixCommand themeChristmas
```

Field Value

[PrefixCommand](#)

themeEaster

Sets the Tramontina server to Easter Theme.

```
internal PrefixCommand themeEaster
```

Field Value

[PrefixCommand](#)

themeHalloween

Sets the Tramontina server to Halloween Theme.

```
internal PrefixCommand themeHalloween
```

Field Value

[PrefixCommand](#)

themeReset

Resets the Tramontina server emojis.

```
internal PrefixCommand themeReset
```

Field Value

[PrefixCommand](#)

Methods

ResetThemeAsync(CommandContext)

```
[Command("themeReset")]
```

```
internal Task ResetThemeAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

Returns

[Task](#)

SetChristmasThemeAsync(CommandContext)

```
[Command("themeChristmas")]
[RequireUserPermissions(Permissions.Administrator, true)]
internal Task SetChristmasThemeAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

Returns

[Task](#)

SetEasterThemeAsync(CommandContext)

```
[Command("themeEaster")]
[RequireUserPermissions(Permissions.Administrator, true)]
internal Task SetEasterThemeAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

Returns

[Task](#)

SetHalloweenThemeAsync(CommandContext)

```
[Command("themeHalloween")]
[RequireUserPermissions(Permissions.Administrator, true)]
internal Task SetHalloweenThemeAsync(CommandContext commandContext)
```

Parameters

commandContext CommandContext

Returns

[Task](#)

SetThemeAsync(CommandContext, EmojiTheme, string, string, string)

Sets the Tramontina server to a Theme according with parameterization.

```
[RequireUserPermissions(Permissions.Administrator, true)]
private static Task SetThemeAsync(CommandContext commandContext,
PrefixCommandManager.PrefixTheme.EmojiTheme emojiTheme, string title, string description,
string serverNameSuggestion = null)
```

Parameters

commandContext CommandContext

emojiTheme [PrefixCommandManager.PrefixTheme.EmojiTheme](#)

title [string](#)

description [string](#)

serverNameSuggestion [string](#)

Returns

[Task](#)

Class

PrefixCommandManager.PrefixTheme.TramontinaChannel

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

Initializes a new instance of [PrefixCommandManager.PrefixTheme.TramontinaChannel](#) class with the specified id, the default channel text title and emoji theme.

```
internal class PrefixCommandManager.PrefixTheme.TramontinaChannel : Channel
```

Inheritance

[object](#) ← [Channel](#) ← PrefixCommandManager.PrefixTheme.TramontinaChannel

Inherited Members

[Channel.Id](#) , [Channel.DefaultName](#) , [Channel.UpdateChannelNameAsync\(CommandContext, string\)](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

TramontinaChannel(ulong, string, Dictionary<EmojiTheme, string>)

Initializes a new instance of [PrefixCommandManager.PrefixTheme.TramontinaChannel](#) class with the specified id, the default channel text title and emoji theme.

```
public TramontinaChannel(ulong id, string defaultTextTitle,  
Dictionary<PrefixCommandManager.PrefixTheme.EmojiTheme, string> emojiTheme)
```

Parameters

id [ulong](#)

The Id from the Discord channel.

`defaultTextTitle` [string](#)

The default text title from the Discord channel.

`emojiTheme` [Dictionary](#)<[PrefixCommandManager](#).[PrefixTheme](#).[EmojiTheme](#), [string](#)>

The emoji theme dictionary available for this channel.

Properties

DefaultTextTitle

The default text title for the tramontina Discord channel.

`internal string DefaultTextTitle { get; set; }`

Property Value

[string](#)

EmojiTheme

The dictionary containing the EmojiTheme that represents the seasonal theme associate to the emoji, and the string that represents the emoji itself for the tramontina Discord channel.

`internal Dictionary<PrefixCommandManager.PrefixTheme.EmojiTheme, string> EmojiTheme { get; set; }`

Property Value

[Dictionary](#)<[PrefixCommandManager](#).[PrefixTheme](#).[EmojiTheme](#), [string](#)>

Methods

ChangeEmoji(CommandContext, string)

Change the emoji for current channel. At the current moment, you can do this twice with the same channel every 10 minutes.

```
internal void ChangeEmoji(CommandContext commandContext, string emoji)
```

Parameters

commandContext CommandContext

The command context of the interaction.

emoji [string](#)

The emoji to be changed in the channel.

Class PrefixPokemon

Namespace: [KWiJisho.Modules.Commands.Prefix](#)

Assembly: KWiJisho.dll

```
internal class PrefixPokemon
```

Inheritance

[object](#) ← PrefixPokemon

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Namespace KWijisho.Modules.Commands.Slash

Classes

[SlashBasic](#)

Represents a set of basic slash commands.

[SlashBasic.Emoji](#)

Represents a command group to send a random animated emoji.

[SlashBirthday](#)

Represents a set of birthday slash commands.

[SlashInfo](#)

Represents a set of informational and helpful slash commands.

[SlashKwiGpt](#)

Represents a set of KWiGpt slash commands. Interaction commands with ChatGpt in KWiJisho bot style.

Class SlashBasic

Namespace: [KWiJisho.Modules.Commands.Slash](#)

Assembly: KWiJisho.dll

Represents a set of basic slash commands.

```
internal class SlashBasic : ApplicationCommandModule
```

Inheritance

[object](#) ← ApplicationCommandModule ← SlashBasic

Inherited Members

ApplicationCommandModule.BeforeSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.AfterSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.BeforeContextMenuExecutionAsync(ContextMenuContext) ,
ApplicationCommandModule.AfterContextMenuExecutionAsync(ContextMenuContext) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Class SlashBasic.Emoji

Namespace: [KWiJisho.Modules.Commands.Slash](#)

Assembly: KWiJisho.dll

Represents a command group to send a random animated emoji.

```
[SlashCommandGroup("emoji", "Envia um emoji animado aleatório! hehe.", true)]  
public class SlashBasic.Emoji : ApplicationCommandModule
```

Inheritance

[object](#) ← ApplicationCommandModule ← SlashBasic.Emoji

Inherited Members

ApplicationCommandModule.BeforeSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.AfterSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.BeforeContextMenuExecutionAsync(ContextMenuContext) ,
ApplicationCommandModule.AfterContextMenuExecutionAsync(ContextMenuContext) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

SendRandomAnimatedEmoji(InteractionContext)

Represents the command to send a random animated emoji.

```
[SlashCommand("any", "Envia qualquer emoji animado.", true)]  
internal static Task SendRandomAnimatedEmoji(InteractionContext interactionContext)
```

Parameters

interactionContext InteractionContext

Returns

[Task](#)

SendRandomAnimatedMemeEmoji(InteractionContext)

Represents the command to send a random animated meme emoji.

```
[SlashCommand("meme", "Envia um emoji de meme animado.", true)]  
internal static Task SendRandomAnimatedMemeEmoji(InteractionContext interactionContext)
```

Parameters

interactionContext InteractionContext

Returns

[Task](#)

SendRandomAnimatedPartyEmoji(InteractionContext)

Represents the command to send a random animated party emoji.

```
[SlashCommand("party", "Envia um emoji de festa animado.", true)]  
internal static Task SendRandomAnimatedPartyEmoji(InteractionContext interactionContext)
```

Parameters

interactionContext InteractionContext

Returns

[Task](#)

Class SlashBirthday

Namespace: [KWiJisho.Modules.Commands.Slash](#)

Assembly: KWiJisho.dll

Represents a set of birthday slash commands.

```
internal class SlashBirthday : ApplicationCommandModule
```

Inheritance

[object](#) ← ApplicationCommandModule ← SlashBirthday

Inherited Members

ApplicationCommandModule.BeforeSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.AfterSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.BeforeContextMenuExecutionAsync(ContextMenuContext) ,
ApplicationCommandModule.AfterContextMenuExecutionAsync(ContextMenuContext) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetListBirthdayAsync(InteractionContext)

Represents the command to list people will have birthday.

```
[SlashCommand("birthday-list", "Mostra a lista de aniversariantes!", true)]  
internal static Task GetListBirthdayAsync(InteractionContext interactionContext)
```

Parameters

interactionContext InteractionContext

Returns

[Task](#)

GetNextBirthdayAsync(InteractionContext)

Represents the command to show the next person to have birthday.

```
[SlashCommand("next-birthday", "Mostra o aniversário mais próximo!", true)]  
internal static Task GetNextBirthdayAsync(InteractionContext interactionContext)
```

Parameters

`interactionContext` InteractionContext

Returns

[Task](#)

Class SlashInfo

Namespace: [KWiJisho.Modules.Commands.Slash](#)

Assembly: KWiJisho.dll

Represents a set of informational and helpful slash commands.

```
internal class SlashInfo : ApplicationCommandModule
```

Inheritance

[object](#) ← ApplicationCommandModule ← SlashInfo

Inherited Members

ApplicationCommandModule.BeforeSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.AfterSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.BeforeContextMenuExecutionAsync(ContextMenuContext) ,
ApplicationCommandModule.AfterContextMenuExecutionAsync(ContextMenuContext) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetHelpAsync(InteractionContext)

Represents the command to show help about the Discord bot commands.

```
[SlashCommand("help", "Mostra a ajuda.", true)]  
internal static Task GetHelpAsync(InteractionContext context)
```

Parameters

context InteractionContext

Returns

[Task](#)

GetInfoAsync(InteractionContext)

Represents the command to show information about the bot and the bot owner.

```
[SlashCommand("info", "Mostra informações básicas sobre mim e o meu criador.  
(@monambike)", true)]  
internal static Task GetInfoAsync(InteractionContext context)
```

Parameters

context InteractionContext

Returns

[Task](#)

Class SlashKwiGpt

Namespace: [KWiJisho.Modules.Commands.Slash](#)

Assembly: KWiJisho.dll

Represents a set of KWiGpt slash commands. Interaction commands with ChatGpt in KWiJisho bot style.

```
internal class SlashKwiGpt : ApplicationCommandModule
```

Inheritance

[object](#) ← ApplicationCommandModule ← SlashKwiGpt

Inherited Members

ApplicationCommandModule.BeforeSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.AfterSlashExecutionAsync(InteractionContext) ,
ApplicationCommandModule.BeforeContextMenuExecutionAsync(ContextMenuContext) ,
ApplicationCommandModule.AfterContextMenuExecutionAsync(ContextMenuContext) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

ChatGptPromptAsync(InteractionContext, string)

Represent the command to interact with the bot with ChatGpt in KWiJisho style.

```
[SlashCommand("k", "Manda qualquer coisinha na frente que eu respondo alá ChatGPT! Conversa comigo!!", true)]  
internal static Task ChatGptPromptAsync(InteractionContext interactionContext, string input)
```

Parameters

interactionContext InteractionContext

input [string](#)

Returns

Task ↗

Namespace KWiJisho.Modules.Events

Classes

[BirthdayJob](#)

Represents a Quartz.NET job that executes a birthday message task.

[BotStart](#)

Provides a set of events and methods fired when bot starts.

[Buttons](#)

Provides a set of events and methods fired when a interaction is made.

[GoodbyeWelcome](#)

Provides a set of events and methods fired when a user enters and leaves a discord server.

[MessageReceived](#)

Provides a set of events and methods for when a message is received.

[Scheduler](#)

Provides methods for scheduling tasks.

Class BirthdayJob

Namespace: [KWiJisho.Modules.Events](#)

Assembly: KWiJisho.dll

Represents a Quartz.NET job that executes a birthday message task.

```
internal class BirthdayJob : IJob
```

Inheritance

[object](#) ← BirthdayJob

Implements

IJob

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

Execute(IJobExecutionContext)

Executes the birthday message task as part of the Quartz.NET job.

```
public Task Execute(IJobExecutionContext context)
```

Parameters

context IJobExecutionContext

The execution context provided by Quartz.NET.

Returns

[Task](#)

A [Task](#) representing the asynchronous execution of the job.

GiveBirthdayMessage()

Sends a birthday message as an asynchronous task.

```
private static Task GiveBirthdayMessage()
```

Returns

[Task](#)

A [Task](#) representing the asynchronous execution of the birthday message task.

Class BotStart

Namespace: [KWiJisho.Modules.Events](#)

Assembly: KWiJisho.dll

Provides a set of events and methods fired when bot starts.

```
internal class BotStart
```

Inheritance

[object](#) ← BotStart

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

OnClientReady(object, ReadyEventArgs)

Handles the events when the bot's client is ready.

```
internal static Task OnClientReady(object sender, ReadyEventArgs e)
```

Parameters

sender [object](#)

The object that triggered the events.

e ReadyEventArgs

The event arguments containing information about the ready event.

Returns

[Task](#)

A [Task](#) representing the asynchronous execution of the event handler.

Class Buttons

Namespace: [KWiJisho.Modules.Events](#)

Assembly: KWiJisho.dll

Provides a set of events and methods fired when a interaction is made.

```
internal class Buttons
```

Inheritance

[object](#) ← Buttons

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

CopyServerNameAsync(ComponentInteractionCreateEventArgs)

Copies the server name from the interaction's message and puts it into the clipboard. Sends a feedback message to the user.

```
internal static Task CopyServerNameAsync(ComponentInteractionCreateEventArgs e)
```

Parameters

e ComponentInteractionCreateEventArgs

Event arguments containing information about the component interaction.

Returns

[Task](#)

A [Task](#) representing the asynchronous operation.

OnComponentInteractionCreatedAsync(DiscordClient, ComponentInteractionCreateEventArgs)

Handles the event when a component interaction is created, like button clicks.

```
internal static Task OnComponentInteractionCreatedAsync(DiscordClient sender,  
ComponentInteractionCreateEventArgs e)
```

Parameters

sender DiscordClient

The Discord client instance.

e ComponentInteractionCreateEventArgs

Event arguments containing information about the component interaction.

Returns

[Task](#)

A [Task](#) representing the asynchronous operation.

Exceptions

[ArgumentNullException](#)

Thrown if the **sender** is [null](#).

Class GoodbyeWelcome

Namespace: [KWiJisho.Modules.Events](#)

Assembly: KWiJisho.dll

Provides a set of events and methods fired when a user enters and leaves a discord server.

```
internal class GoodbyeWelcome
```

Inheritance

[object](#) ← GoodbyeWelcome

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetRandomGoodbyeMessage(string)

Gets a random string goodbye message.

```
internal static string GetRandomGoodbyeMessage(string user)
```

Parameters

user [string](#)

The user that will receive the welcome message.

Returns

[string](#)

The string containing the goodbye message .

GetRandomWelcomeMessage(string)

Gets a random string welcome message.

```
internal static string GetRandomWelcomeMessage(string user)
```

Parameters

user [string](#)

The user that will receive the welcome message.

Returns

[string](#)

The string containing the welcome message .

OnGuildMemberAddedAsync(DiscordClient, GuildMemberAddEventArgs)

Handles the event when a new member joins the Discord server. Sends a welcome message with a image and a random string.

```
internal static Task OnGuildMemberAddedAsync(DiscordClient sender,  
GuildMemberAddEventArgs e)
```

Parameters

sender [DiscordClient](#)

The discord client instance.

e [GuildMemberAddEventArgs](#)

Event arguments containing information about the guild member.

Returns

[Task](#)

A [Task](#) representing the assynchronous operation.

OnGuildMemberRemovedAsync(DiscordClient, GuildMemberRemoveEventArgs)

Handles the event when a member leaves the Discord server. Sends a goodbye message with a image and a random string.

```
internal static Task OnGuildMemberRemovedAsync(DiscordClient sender,  
GuildMemberRemoveEventArgs e)
```

Parameters

sender DiscordClient

The discord client instance.

e GuildMemberRemoveEventArgs

Events arguments containing information about the guild member.

Returns

[Task](#)

A [Task](#) representing the asynchronous operation.

Class MessageReceived

Namespace: [KWijisho.Modules.Events](#)

Assembly: KWijisho.dll

Provides a set of events and methods for when a message is received.

```
internal class MessageReceived
```

Inheritance

[object](#) ← MessageReceived

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

ValidateMentionedUsersAsync(MessageCreateEventArgs)

```
internal static Task ValidateMentionedUsersAsync(MessageCreateEventArgs e)
```

Parameters

e [MessageCreateEventArgs](#)

Returns

[Task](#)

Class Scheduler

Namespace: [KWiJisho.Modules.Events](#)

Assembly: KWiJisho.dll

Provides methods for scheduling tasks.

```
internal class Scheduler
```

Inheritance

[object](#) ← Scheduler

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

CreateBirthdayScheduler()

Creates a birthday scheduler as part of the Quartz.NET library.

```
internal static Task CreateBirthdayScheduler()
```

Returns

[Task](#)

A [Task](#) representing the asynchronous creation of the birthday scheduler.

Namespace KWiJisho.Modules.Utils

Classes

[Birthday](#)

Class that provides a set of utilities for birthday tasks.

[Channel](#)

The class that represents a new instance of a Discord channel with a unique identifier and a default name.

The Discord channel unique identifier. The Discord channel default name.

[DiscordEmbedTest](#)

Utility class providing default embeds for KWiJisho Discord bot.

[DiscordEmojis](#)

Static class that provides class, properties and methods for handling Discord emojis.

[DiscordEmojis.CatMemeEmoji](#)

Represents a custom Discord emoji for cat meme emojis, inheriting from the base [Emoji](#) class.

[DiscordEmojis.CatPartyEmoji](#)

Represents a custom Discord emoji for cat party emojis, inheriting from the base [Emoji](#) class.

[DiscordFormat](#)

Provides utility extension methods for formatting text with Discord markdown.

[DiscordUsers](#)

Provides a static class for managing Discord users along with their identifiers.

[Emoji](#)

Class responsible for creating and handling custom Discord emojis.

[KWiJishoInfo](#)

Class that provides static basic information about KWiJisho bot.

[KWiJishoLog](#)

Provides methods for handling the application log for important tasks.

[KWiJishoPermission](#)

Provides utility methods for handling permissions in the KWiJisho application.

[ServerInfos](#)

Static class responsible for handling information about discord servers.

[User](#)

Represents a Discord user along with their identifier and additional information.

[UtilList](#)

Provides utility methods for working with lists.

Enums

[Birthday.UpcomingBirthdayDate](#)

Represents options for categorizing upcoming birthday dates.

[KWJishoLog.LogType](#)

Represents options for the application log type.

Class Birthday

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Class that provides a set of utilities for birthday tasks.

```
internal static class Birthday
```

Inheritance

[object](#) ← Birthday

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GenerateBirthdayMessage(User)

Method responsible for generating a birthday message.

```
internal static string GenerateBirthdayMessage(User discordUser)
```

Parameters

discordUser [User](#)

The user that to get the generated birthday message.

Returns

[string](#)

A [string](#) containing the generated birthday message.

Exceptions

[NotImplementedException](#)

Thrown if the upcoming birthday date is not yet implemented on this current method.

GetDaysRemainingByUser(User)

Get how many days are remaning for the user's birthday.

```
internal static double GetDaysRemainingByUser(User discordUser)
```

Parameters

discordUser [User](#)

The user to get how many years are remaining for they birthday.

Returns

[double](#)

A [double](#) containing the number of days remaining for they birthday.

GetUpcomingBirthdayDate(double)

Gets the [Birthday.UpcomingBirthdayDate](#) based on how much days are remaining for it.

```
internal static Birthday.UpcomingBirthdayDate GetUpcomingBirthdayDate(double daysRemaning)
```

Parameters

daysRemaning [double](#)

How many days are remaining for the birthday.

Returns

[Birthday.UpcomingBirthdayDate](#)

The [Birthday.UpcomingBirthdayDate](#) based on how many days are remaning.

Exceptions

[NotImplementedException](#)

Thrown if the upcoming birthday date is not yet implemented on this current method.

GetUsersOrderByClosestBirthday()

Gets a list of users ordered by how closer are their birthday.

```
internal static List<User> GetUsersOrderByClosestBirthday()
```

Returns

[List](#)<[User](#)>

A [List](#)<[T](#)> containing a group of [User](#) and their [Birthday](#).

TryGetDiscordUserByClosestBirthday(DiscordGuild)

Tries to get the user if they are presents in current Discord server.

```
internal static User TryGetDiscordUserByClosestBirthday(DiscordGuild discordGuild)
```

Parameters

discordGuild DiscordGuild

Returns

[User](#)

Returns the [User](#) if available in current Discord server; otherwise, returns [null](#).

Enum Birthday.UpcomingBirthdayDate

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Represents options for categorizing upcoming birthday dates.

```
internal enum Birthday.UpcomingBirthdayDate
```

Fields

`InSomeDays = 2`

Indicates an upcoming birthday in the future, beyond tomorrow.

`Today = 0`

Indicates an upcoming birthday today.

`Tomorrow = 1`

Indicates an upcoming birthday tomorrow.

Class Channel

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

The class that represents a new instance of a Discord channel with a unique identifier and a default name.

The Discord channel unique identifier. The Discord channel default name.

```
internal class Channel
```

Inheritance

[object](#) ← Channel

Derived

[PrefixCommandManager.PrefixTheme.TramontinaChannel](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

Channel(ulong, string)

The class that represents a new instance of a Discord channel with a unique identifier and a default name.

The Discord channel unique identifier. The Discord channel default name.

```
public Channel(ulong id, string defaultName)
```

Parameters

id [ulong](#)

defaultName [string](#)

Fields

DefaultName

The Discord channel default name.

```
internal string DefaultName
```

Field Value

[string](#)

Id

The Discord channel unique identifier.

```
internal ulong Id
```

Field Value

[ulong](#)

Methods

UpdateChannelNameAsync(CommandContext, string)

Updates asynchronously the name of the Discord channel.

```
internal void UpdateChannelNameAsync(CommandContext commandContext, string newName)
```

Parameters

commandContext CommandContext

The command context containing information about the command.

newName [string](#)

The new name for the Discord channel.

Class DiscordEmbedTest

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Utility class providing default embeds for KWiJisho Discord bot.

```
internal class DiscordEmbedTest
```

Inheritance

[object](#) ← DiscordEmbedTest

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetDiscordEmbed(string, string, bool)

```
internal static DiscordEmbed GetDiscordEmbed(string title, string description, bool  
useKWiJishoThumbnail = false)
```

Parameters

title [string](#)

description [string](#)

useKWiJishoThumbnail [bool](#)

Returns

DiscordEmbed

Class DiscordEmojis

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Static class that provides class, properties and methods for handling Discord emojis.

```
internal static class DiscordEmojis
```

Inheritance

[object](#) ← DiscordEmojis

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

AnimatedEmojis

```
internal static List<Emoji> AnimatedEmojis
```

Field Value

[List](#) <[Emoji](#)>

AnimatedMemeEmojis

```
internal static List<DiscordEmojis.CatMemeEmoji> AnimatedMemeEmojis
```

Field Value

[List](#) <[DiscordEmojis.CatMemeEmoji](#)>

AnimatedPartyEmojis

```
internal static List<DiscordEmojis.CatPartyEmoji> AnimatedPartyEmojis
```

Field Value

[List ↗ <DiscordEmojis.CatPartyEmoji>](#)

CatCoke

```
internal static DiscordEmojis.CatPartyEmoji CatCoke
```

Field Value

[DiscordEmojis.CatPartyEmoji](#)

CatParty1

```
internal static DiscordEmojis.CatPartyEmoji CatParty1
```

Field Value

[DiscordEmojis.CatPartyEmoji](#)

CatParty2

```
internal static DiscordEmojis.CatPartyEmoji CatParty2
```

Field Value

[DiscordEmojis.CatPartyEmoji](#)

CatParty3

```
internal static DiscordEmojis.CatPartyEmoji CatParty3
```

Field Value

[DiscordEmojis.CatPartyEmoji](#)

MemeAppleCat

```
internal static DiscordEmojis.CatMemeEmoji MemeAppleCat
```

Field Value

[DiscordEmojis.CatMemeEmoji](#)

MemeBananaCat

```
internal static DiscordEmojis.CatMemeEmoji MemeBananaCat
```

Field Value

[DiscordEmojis.CatMemeEmoji](#)

MemeChipiCat

```
internal static DiscordEmojis.CatMemeEmoji MemeChipiCat
```

Field Value

[DiscordEmojis.CatMemeEmoji](#)

MemeHappyCat

```
internal static DiscordEmojis.CatMemeEmoji MemeHappyCat
```

Field Value

[DiscordEmojis.CatMemeEmoji](#)

Class DiscordEmojis.CatMemeEmoji

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Represents a custom Discord emoji for cat meme emojis, inheriting from the base [Emoji](#) class.

```
internal record DiscordEmojis.CatMemeEmoji : Emoji, IEquatable<Emoji>,
IEquatable<DiscordEmojis.CatMemeEmoji>
```

Inheritance

[object](#) ← [Emoji](#) ← `DiscordEmojis.CatMemeEmoji`

Implements

[IEquatable](#) <[Emoji](#)>, [IEquatable](#) <[DiscordEmojis.CatMemeEmoji](#)>

Inherited Members

[Emoji.Name](#), [Emoji.Id](#), [Emoji.Code](#), [Emoji.ToString\(\)](#), [object.Equals\(object\)](#),
[object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#),
[object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#)

Constructors

CatMemeEmoji(string, ulong)

Initializes a new instance of [DiscordEmojis.CatMemeEmoji](#) with its emoji name and Id.

```
public CatMemeEmoji(string name, ulong id)
```

Parameters

name [string](#)

The [DiscordEmojis.CatMemeEmoji](#) emoji name.

id [ulong](#)

The [DiscordEmojis.CatMemeEmoji](#) emoji Id.

Class DiscordEmojis.CatPartyEmoji

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Represents a custom Discord emoji for cat party emojis, inheriting from the base [Emoji](#) class.

```
internal record DiscordEmojis.CatPartyEmoji : Emoji, IEquatable<Emoji>,  
IEquatable<DiscordEmojis.CatPartyEmoji>
```

Inheritance

[object](#) ← [Emoji](#) ← [DiscordEmojis.CatPartyEmoji](#)

Implements

[IEquatable](#)<[Emoji](#)>, [IEquatable](#)<[DiscordEmojis.CatPartyEmoji](#)>

Inherited Members

[Emoji.Name](#), [Emoji.Id](#), [Emoji.Code](#), [Emoji.ToString\(\)](#), [object.Equals\(object\)](#),
[object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#),
[object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#)

Constructors

CatPartyEmoji(string, ulong)

Initializes a new instance of [DiscordEmojis.CatPartyEmoji](#) with its emoji name and Id.

```
public CatPartyEmoji(string name, ulong id)
```

Parameters

name [string](#)

The [DiscordEmojis.CatPartyEmoji](#) emoji name.

id [ulong](#)

The [DiscordEmojis.CatPartyEmoji](#) emoji Id.

Class DiscordFormat

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Provides utility extension methods for formatting text with Discord markdown.

```
internal static class DiscordFormat
```

Inheritance

[object](#) ← DiscordFormat

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

ToDiscordBold(string)

Formats the specified string in bold using Discord markdown.

```
internal static string ToDiscordBold(this string str)
```

Parameters

str [string](#)

The string to be formatted.

Returns

[string](#)

The string in bold.

ToDiscordItalic(string)

Formats the specified string in italic using Discord markdown.

```
internal static string ToDiscordItalic(this string str)
```

Parameters

str [string](#)

The string to be formatted.

Returns

[string](#)

The string in italic.

Class DiscordUsers

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Provides a static class for managing Discord users along with their identifiers.

```
internal static class DiscordUsers
```

Inheritance

[object](#) ← DiscordUsers

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Users

The list of users along with their identifiers.

```
internal static List<User> Users { get; }
```

Property Value

[List](#)<[User](#)>

Class Emoji

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Class responsible for creating and handling custom Discord emojis.

```
internal record Emoji : IEquatable<Emoji>
```

Inheritance

[object](#) ← Emoji

Implements

[IEquatable](#) <Emoji>

Derived

[DiscordEmojis.CatMemeEmoji](#), [DiscordEmojis.CatPartyEmoji](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Constructors

Emoji(string, ulong)

Initializes a new instance of [Emoji](#) class with the specified name and identifier.

```
internal Emoji(string name, ulong id)
```

Parameters

name [string](#)

The name of the Discord emoji.

id [ulong](#)

The unique identifier of the Discord emoji.

Properties

Code

The discord emoji code responsible for outputting it into the chat. <a:{name}:{id}>

```
internal string Code { get; }
```

Property Value

[string](#)

Id

The discord emoji unique identifier.

```
internal ulong Id { get; init; }
```

Property Value

[ulong](#)

Name

The discord emoji name.

```
internal string Name { get; init; }
```

Property Value

[string](#)

Methods

ToString()

Converts the Discord emoji to its string representation, which is the Discord emoji code.

```
public override string ToString()
```

Returns

[string](#)

The Discord emoji code in the format "`<a:{Name}:{Id}>`".

Class KWijishoInfo

Namespace: [KWijisho.Modules.Utils](#)

Assembly: KWijisho.dll

Class that provides static basic information about KWijisho bot.

```
internal class KWijishoInfo
```

Inheritance

[object](#) ← KWijishoInfo

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Fields

Name

KWijisho project name gotten directly from [Assembly](#).

```
internal static string Name
```

Field Value

[string](#)

Properties

Created

The date Karen Kujo project was first commit on [GitHub repository](#).

```
internal static DateTime Created { get; }
```

Property Value

[DateTime](#)

KarenKujoBirthday

Gets the calculated birthday for Karen Kujo. Karen Kujo was born on December 1st, and the age is fixed at 15 years. The property provides the current date with the year adjusted to maintain the age of 15.

```
internal static DateTime KarenKujoBirthday { get; }
```

Property Value

[DateTime](#)

Class KWijishoLog

Namespace: [KWijisho.Modules.Utils](#)

Assembly: KWijisho.dll

Provides methods for handling the application log for important tasks.

```
internal static class KWijishoLog
```

Inheritance

[object](#) ← KWijishoLog

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Path

The log file path.

```
private static string Path { get; }
```

Property Value

[string](#)

Methods

Add(LogType, string)

Adds a formatted log entry to the log file.

```
private static void Add(KWijishoLog.LogType logType, string message)
```

Parameters

logType [KWiJishoLog.LogType](#)

The type of log entry.

message [string](#)

The log message to be added.

AddDebug(string)

Adds a debug log entry with the specified message.

```
internal static void AddDebug(string message)
```

Parameters

message [string](#)

The debug log message.

AddError(string)

Adds a error log entry with the specified message.

```
internal static void AddError(string message)
```

Parameters

message [string](#)

The error log message.

AddFatal(string)

Adds a fatal log entry with the specified message.

```
internal static void AddFatal(string message)
```

Parameters

message [string](#)

The fatal log message.

AddInfo(string)

Adds a info log entry with the specified message.

```
internal static void AddInfo(string message)
```

Parameters

message [string](#)

The info log message.

AddLineToFile(string)

Adds a line to the log file with the specified content.

```
internal static void AddLineToFile(string line)
```

Parameters

line [string](#)

The line to be added to the log file.

AddWarning(string)

Adds a warning log entry with the specified message.

```
internal static void AddWarning(string message)
```

Parameters

message [string](#) ↗

The warning log message.

Enum KWijishoLog.LogType

Namespace: [KWijisho.Modules.Utils](#)

Assembly: KWijisho.dll

Represents options for the application log type.

```
internal enum KWijishoLog.LogType
```

Fields

Debug = 0

Indicated a debug level log.

Error = 3

Indicated a error level log.

Fatal = 4

Indicated a fatal level log.

Info = 1

Indicated a info level log.

Warning = 2

Indicated a warning level log.

Class KWijishoPermission

Namespace: [KWijisho.Modules.Utils](#)

Assembly: KWijisho.dll

Provides utility methods for handling permissions in the KWijisho application.

```
internal static class KWijishoPermission
```

Inheritance

[object](#) ← KWijishoPermission

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetPermissionNameInPortuguese(Permissions)

Gets the Portuguese name of a Discord permission.

```
internal static string GetPermissionNameInPortuguese(Permissions permission)
```

Parameters

permission Permissions

The Discord permission.

Returns

[string](#)

The Portuguese name of the permission.

PermissionCustomErrorMessage(Permissions)

Generates a custom error message for a permission check failure.

```
internal static string PermissionCustomErrorMessage(Permissions permission)
```

Parameters

permission Permissions

The required permission.

Returns

[string](#)

A formatted error message indicating the required permission.

Class ServerInfos

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Static class responsible for handling information about discord servers.

```
internal class ServerInfos
```

Inheritance

[object](#) ← ServerInfos

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

PersonalDiscordServerGuildId

My personal Discord server guild Id.

```
internal static ulong PersonalDiscordServerGuildId { get; }
```

Property Value

[ulong](#)

TramontinaDiscordServerGuildId

Tramontina Discord server guild Id.

```
internal static ulong TramontinaDiscordServerGuildId { get; }
```

Property Value

[ulong](#) ↗

TramontinaWelcomeChannelId

Tramontina welcome Discord channel Id.

```
internal static ulong TramontinaWelcomeChannelId { get; }
```

Property Value

[ulong](#) ↗

Class User

Namespace: [KWiJisho.Modules.Utils](#)

Assembly: KWiJisho.dll

Represents a Discord user along with their identifier and additional information.

```
internal class User
```

Inheritance

[object](#) ← User

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

User(ulong, DateTime, string)

Represents a Discord user along with their identifier and additional information.

```
public User(ulong id, DateTime born, string identifier)
```

Parameters

id [ulong](#)

born [DateTime](#)

identifier [string](#)

Properties

Birthday

Gets or sets the user's birthday (if applicable).

```
internal DateTime Birthday { get; set; }
```

Property Value

[DateTime](#)

Born

The date when the user was born.

```
internal DateTime Born { get; }
```

Property Value

[DateTime](#)

Id

The unique identifier of the user.

```
internal ulong Id { get; }
```

Property Value

[ulong](#)

Identifier

The custom identifier or nickname associated with the user.

```
internal string Identifier { get; }
```

Property Value

[string](#)

Methods

GetUserDiscordMember(DiscordGuild)

Tries to return a DSharpPlus.Entities.DiscordMember representing the user in the specified server. If the user is not found, returns [null](#).

```
internal DiscordMember GetUserDiscordMember(DiscordGuild discordGuild)
```

Parameters

discordGuild DiscordGuild

The Discord guild where the user is expected to be a member.

Returns

DiscordMember

Returns DSharpPlus.Entities.DiscordMember if found; otherwise, returns [null](#).

Class UtilList

Namespace: [KWiJisho.Modules_Utils](#)

Assembly: KWiJisho.dll

Provides utility methods for working with lists.

```
internal static class UtilList
```

Inheritance

[object](#) ← UtilList

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

GetRandomValueFromList<T>(List<T>)

Returns a random value from a given list.

```
public static T GetRandomValueFromList<T>(List<T> list)
```

Parameters

list [List](#)<T>

The list from which to retrieve a random value.

Returns

T

A random value from the list.

Type Parameters

T

The type of elements in the list.

Namespace OneOf

Classes

[GenerateOneOfAttribute](#)

Class GenerateOneOfAttribute

Namespace: [OneOf](#)

Assembly: KWIJisho.dll

```
[AttributeUsage(AttributeTargets.Class, Inherited = false, AllowMultiple = false)]
internal sealed class GenerateOneOfAttribute : Attribute
```

Inheritance

[object](#) ← [Attribute](#) ← GenerateOneOfAttribute

Inherited Members

[Attribute.Equals\(object\)](#) , [Attribute.GetCustomAttribute\(Assembly, Type\)](#) ,
[Attribute.GetCustomAttribute\(Assembly, Type, bool\)](#) ,
[Attribute.GetCustomAttribute\(MemberInfo, Type\)](#) ,
[Attribute.GetCustomAttribute\(MemberInfo, Type, bool\)](#) ,
[Attribute.GetCustomAttribute\(Module, Type\)](#) , [Attribute.GetCustomAttribute\(Module, Type, bool\)](#) ,
[Attribute.GetCustomAttribute\(ParameterInfo, Type\)](#) ,
[Attribute.GetCustomAttribute\(ParameterInfo, Type, bool\)](#) , [Attribute.GetCustomAttributes\(Assembly\)](#) ,
[Attribute.GetCustomAttributes\(Assembly, bool\)](#) , [Attribute.GetCustomAttributes\(Assembly, Type\)](#) ,
[Attribute.GetCustomAttributes\(Assembly, Type, bool\)](#) , [Attribute.GetCustomAttributes\(MemberInfo\)](#) ,
[Attribute.GetCustomAttributes\(MemberInfo, bool\)](#) ,
[Attribute.GetCustomAttributes\(MemberInfo, Type\)](#) ,
[Attribute.GetCustomAttributes\(MemberInfo, Type, bool\)](#) , [Attribute.GetCustomAttributes\(Module\)](#) ,
[Attribute.GetCustomAttributes\(Module, bool\)](#) , [Attribute.GetCustomAttributes\(Module, Type\)](#) ,
[Attribute.GetCustomAttributes\(Module, Type, bool\)](#) , [Attribute.GetCustomAttributes\(ParameterInfo\)](#) ,
[Attribute.GetCustomAttributes\(ParameterInfo, bool\)](#) ,
[Attribute.GetCustomAttributes\(ParameterInfo, Type\)](#) ,
[Attribute.GetCustomAttributes\(ParameterInfo, Type, bool\)](#) , [Attribute.GetHashCode\(\)](#) ,
[Attribute.IsDefaultAttribute\(\)](#) , [Attribute.IsDefined\(Assembly, Type\)](#) ,
[Attribute.IsDefined\(Assembly, Type, bool\)](#) , [Attribute.IsDefined\(MemberInfo, Type\)](#) ,
[Attribute.IsDefined\(MemberInfo, Type, bool\)](#) , [Attribute.IsDefined\(Module, Type\)](#) ,
[Attribute.IsDefined\(Module, Type, bool\)](#) , [Attribute.IsDefined\(ParameterInfo, Type\)](#) ,
[Attribute.IsDefined\(ParameterInfo, Type, bool\)](#) , [Attribute.Match\(object\)](#) , [Attribute.TypeId](#) ,
[object.Equals\(object, object\)](#) , [object.GetType\(\)](#) , [object.ReferenceEquals\(object, object\)](#) ,
[object.ToString\(\)](#)