A Guide to using Discord Rich Presence (RPC) in your mod

Note: This guide is meant for the DDLC Mod Template 2.0 – Versions 4.1.1+ that are Python 3 capable.

What is Discord Rich Presence?

Discord Rich Presence is a feature in Discord that allows game developers to show better game statuses inside of Discord. Normally this is used to show game information (Fortnite Match Progress/Type), elapsed time in a game among other options. Normally Discord Rich Presence is only available in C, C++ or C# for different engine types but thanks to *qwertyquerty*, Discord RPC works in Python.

How do I use Discord Rich Presence in my mod?

Make sure that you have *persistent.enable_discord* set to True in *discord.rpy* (located in the mod_extras folder). Afterwards, go to [Discord's Developer Portal](#) and make a new application for your mod. Click it and name it, along with a app icon under **General Information**, save, and go to **OAuth2**. Click *Copy* under <u>Client ID</u> and paste it inside the *discord.DiscordRPC* class parenthesis in at the bottom of the file.

```
RPC = DiscordRPC("<paste the Client ID Here>")
```

After pasting your Client ID, click Rich Presence and upload the art assets you want to use for your RPC app. Here you want to make sure that the images you uploaded are at minimum 512x512 and at most 1024x1024 in size.

After uploading all the assets you plan to use, edit the default information that is provided to you under <u>def set_defaults(self)</u>.

How do I update the Discord Rich Presence status as my mod progresses?

To update status information, you can use the following functions

- RPC.update
- RPC.set

The difference between the update function and the set function is that the *update* function will only update the values that you provide, while the *set* function will override everything with what is given. The *set* function is used only for internal purposes and it's recommended to only use the *update* function when update your mods' RPC.

The following are considered valid arguments for the update and set functions

- State
- details
- large_image
- small_image
- large_text
- small_text

RPC.update

This function updates your Rich Presence with the valid argurments provided.

Example: *$ RPC.update(state="Sayori stole all the cookies!")*

RPC.set

This function will forcefully set your Rich Presence to the valid argurments provided. (Only used for internal purposes. Please use *RPC.update* instead.)

Example: *$ RPC.set(details="Listening to DokiXM with Yuri")*

How can I check if Discord Rich Presence is working?

Go to your profile and click on Activity. You should see your mod RPC below it. If you don't, make sure that Discord RPC is enabled in DDLC (located in Settings) and that the Status says Connected.

Credits

Thanks to qwertyqwerty for PyPresence and Lezalith for a base for making this implementation of Discord RPC.

Lez's RPC: https://github.com/Lezalith/RenPy-Discord-Presence