

## Module 2: File Cache Analysis

### Objectives

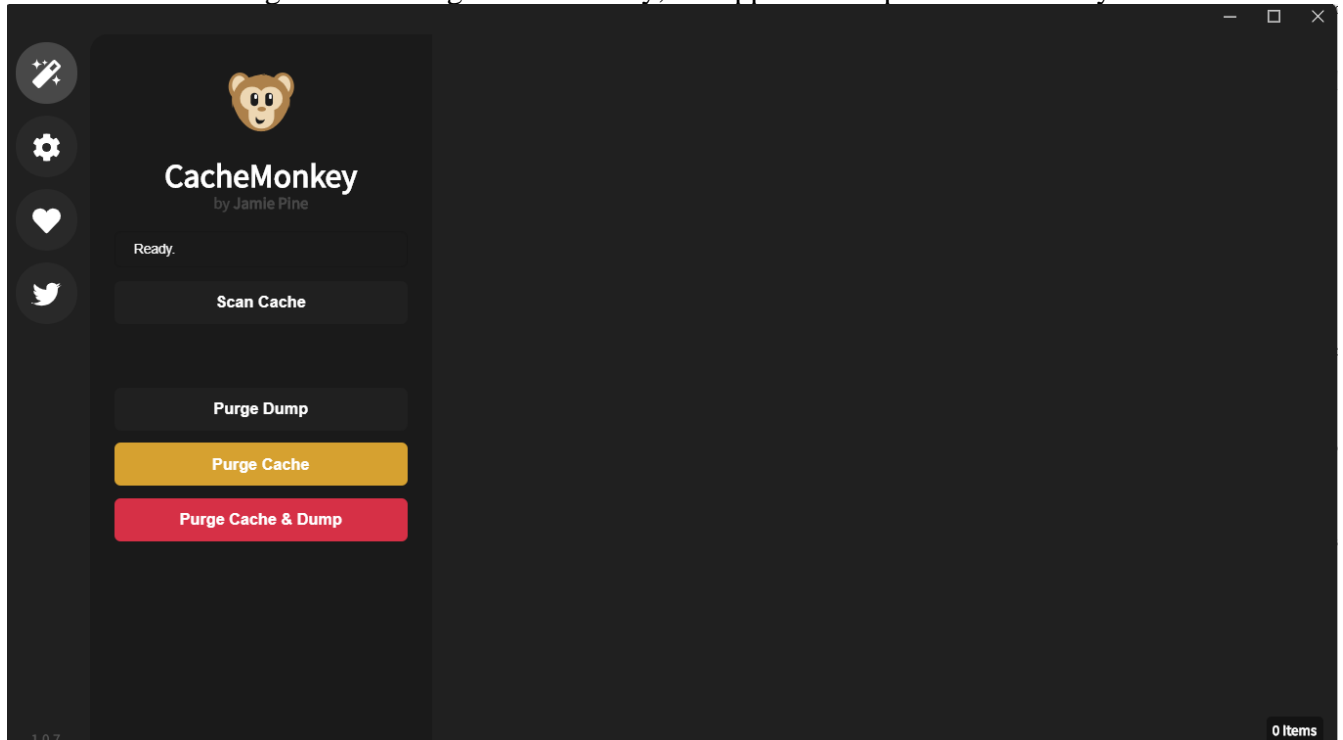
- Retrieve the file cached by Discord on a local disk.
- Provide the proper extensions to restore the files to view files manually using hex editor or automatically using CacheMonkey.

### Software Preparation

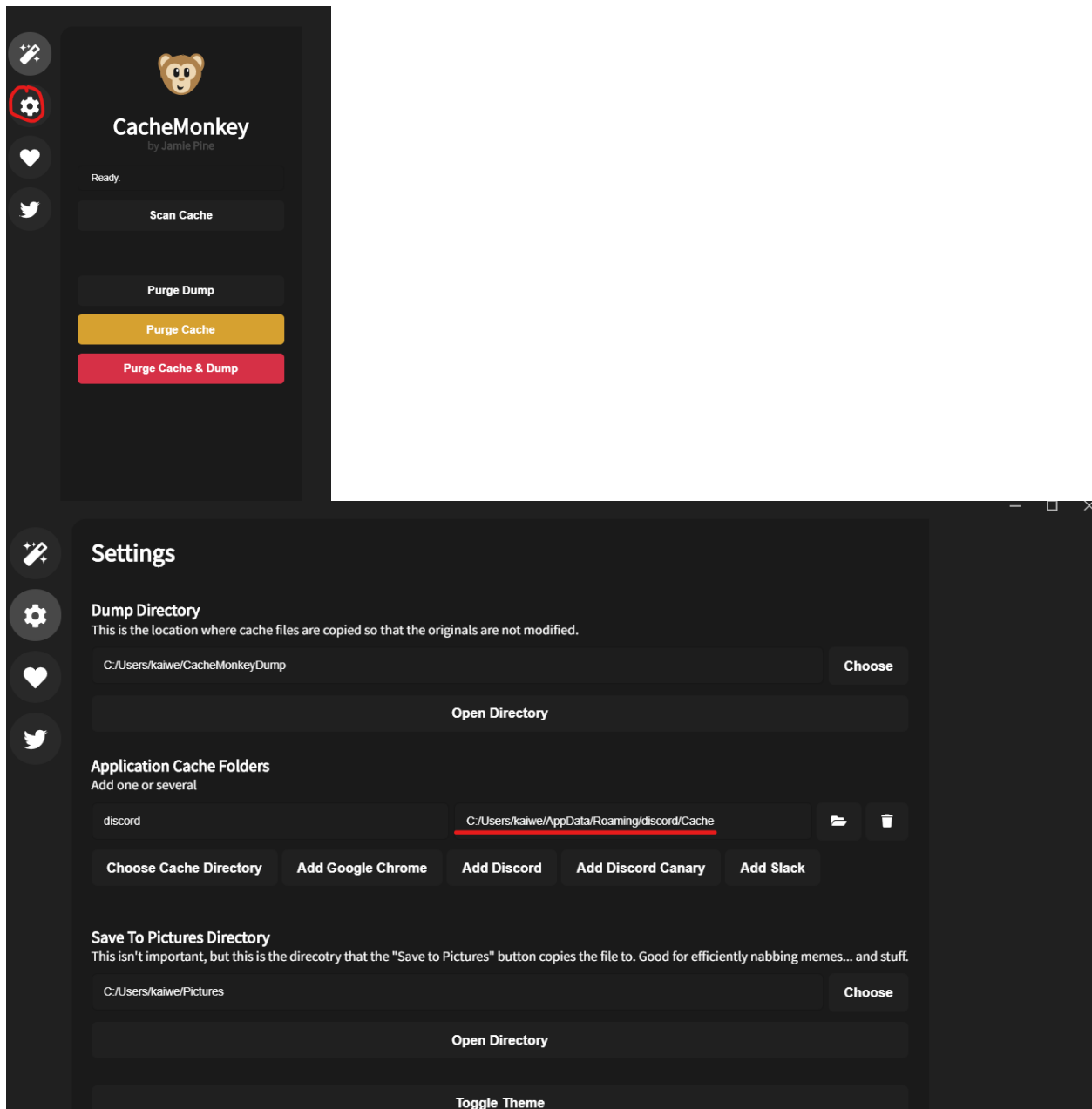
- Download and install Discord: <https://discord.com/download>  
After downloading Discord, you also need to register an account, if you already have one, you can use that one.
- Download and install the CacheMonkey: <https://www.cachemonkey.app/>

### Part1. Retrieve the file cached by Discord on a local disk

1. After downloading and installing CacheMonkey, the app should open automatically.

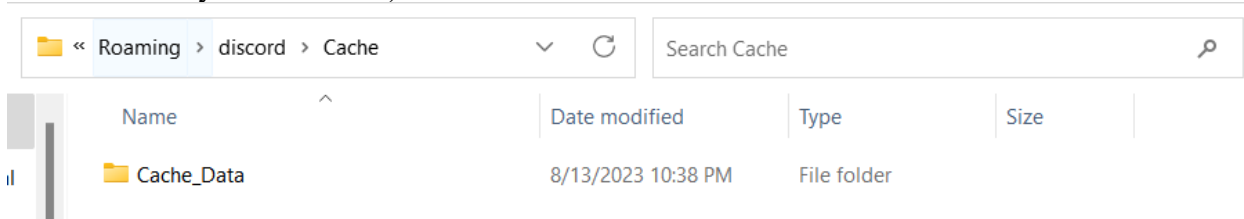


2. Then click this setting icon, then check if the cache folder is linked to CacheMonkey. If not linked, you can click “Add Discord” to add this folder address.



3. Open the cache folder which is connected to the CacheMonkey:

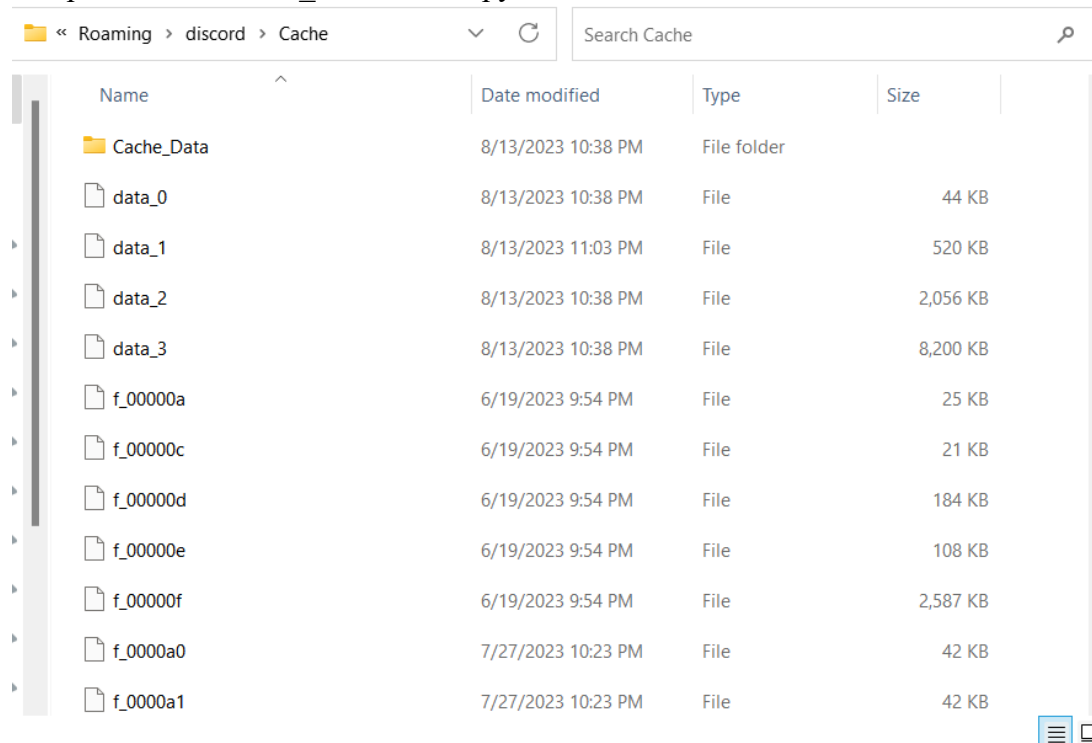
**C:\Users\username\AppData\Roaming\discord\Cache** (Please note: you need to change the “username” to your username).



After opening the folder, if you find there are many files inside of it, then you can skip step 4 and go to Part 2 step 5 directly. If you cannot find any files except the folder “Cache\_Data”, then you

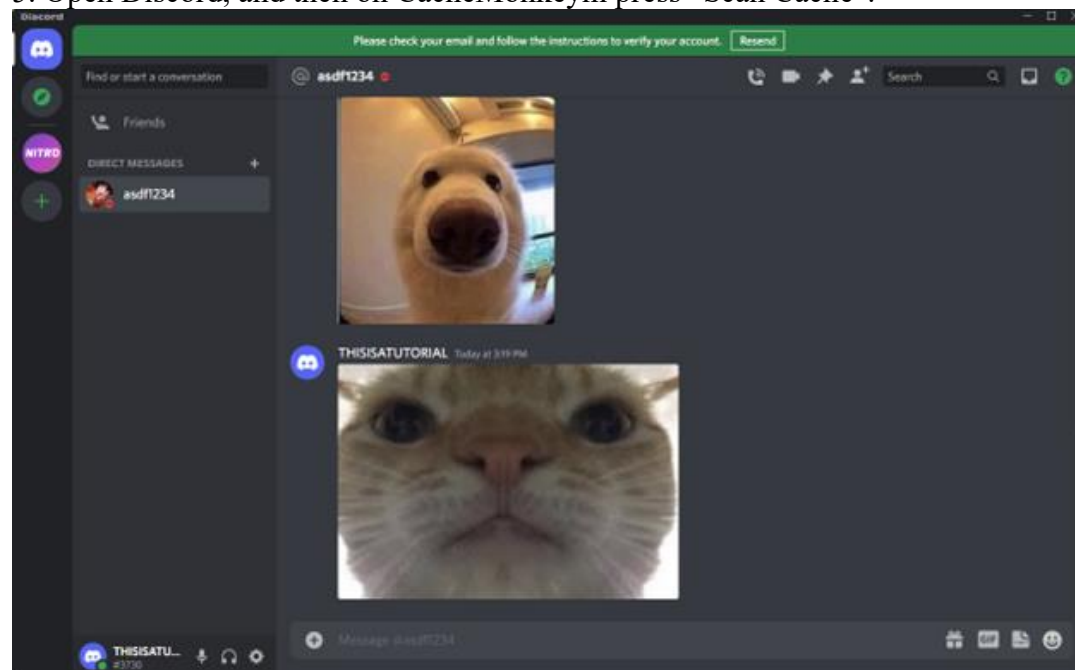
need to continue with step 4. Also, if the CacheMonkey is connected to the “Cache\_Data” folder, then you can also skip step 4.

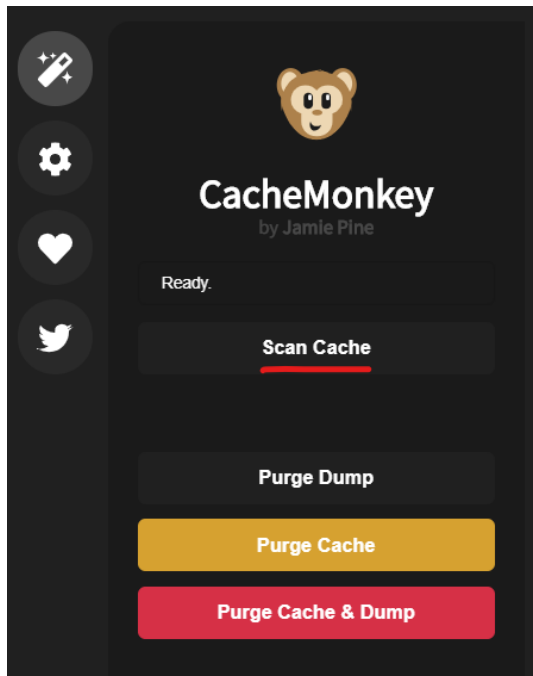
4. Open folder “Cache\_Data” and copy all the files to the folder “Cache”.



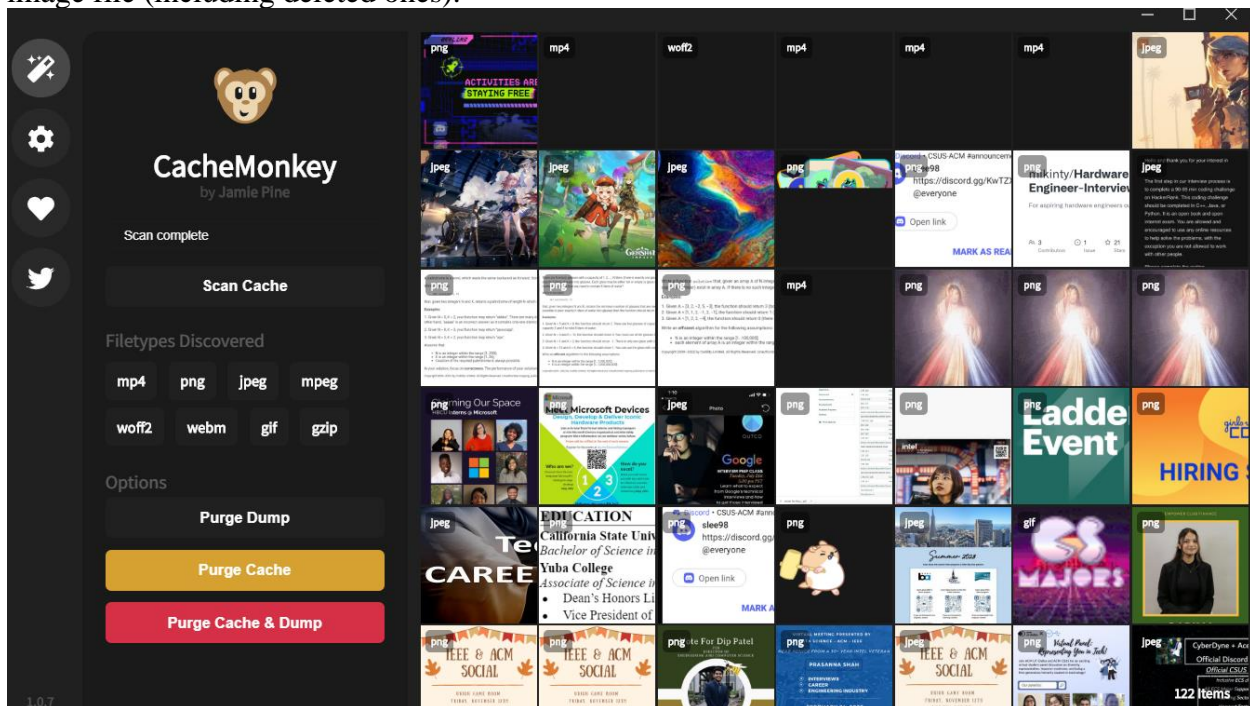
## Part2. View the files in the folder using CacheMonkey.

5. Open Discord, and then on CacheMonkey press “Scan Cache”.





6. Now, as shown in the screenshot, all images saved in discord cache folder should appear as an image file (including deleted ones).



### Part3. View the files in the folder manually.

7. Copy the cache folder address:

**C:\Users\username\AppData\Roaming\discord\Cache\Cache\_Data** (Please note: if all your cached files are inside the “Cache” folder, just type the address:

**C:\Users\username\AppData\Roaming\discord\Cache**).

8. Then open the Command Prompt and change the directory to that address with the following command: **cd [Paste the address in]** (You need to change “username” to your username).

```
Command Prompt
Microsoft Windows [Version 10.0.22621.1702]
(c) Microsoft Corporation. All rights reserved.

C:\Users\kaiwe>cd C:\Users\kaiwe\AppData\Roaming\discord\Cache













C:\Users\kaiwe\AppData\Roaming\discord\Cache>
```

9. Run the following command: **ren \* \*.png**

```
C:\Users\kaiwe\AppData\Roaming\discord\Cache>ren * *.png
```

« Roaming » discord » Cache

Search Cache

Name	Date modified	Type	Size
 f_0000a7	7/27/2023 10:24 PM	PNG File	138 KB
 f_0000a8	7/27/2023 10:24 PM	PNG File	94 KB
 f_0000a9	7/27/2023 10:24 PM	PNG File	125 KB
 f_0000aa	7/27/2023 10:24 PM	PNG File	89 KB
 f_0000ab	7/27/2023 10:24 PM	PNG File	26 KB
 f_0000ac	7/27/2023 10:24 PM	PNG File	163 KB
 f_0000ad	7/27/2023 10:24 PM	PNG File	21 KB
 f_0000ae	7/27/2023 10:24 PM	PNG File	177 KB
 f_0000af	7/27/2023 10:24 PM	PNG File	98 KB
 f_0000b0	7/27/2023 10:24 PM	PNG File	52 KB
 f_0000b1	7/27/2023 10:24 PM	PNG File	52 KB
 f_0000b2	7/27/2023 10:24 PM	PNG File	104 KB

10. Now, all the file types are now PNG and can more conveniently be opened.