

Thank you for downloading my Grateful Dead file tagging Python scripts! This was created out of my need to get thousands of flac files tagged, and there was no way I could ever manually type all those song names, not to mention all the spelling errors or other mistakes that would happen.

Using these scripts along with 3 other pieces of software you'll be able to quickly and easily tag your files using only the information text file that came with the files you downloaded.

Here is a quick YouTube tutorial video on how I get this going, and how I use the software:

<https://www.youtube.com/watch?v=Q3KXi4ZXe90>

Here is the setup instruction video: <https://www.youtube.com/watch?v=v1yVqYWs5Zw>

You'll need 4 things to make this work. The first step is to go get all this software if you don't already have it, and install it.

1. Notepad ++ <https://notepad-plus-plus.org/>
2. PythonScript <https://npppythonscript.sourceforge.net/>
  - a. You don't need to install from here, it's available to install from within Notepad ++, as shown in the steps below. This is for documentation purposes, if you're interested.
3. Mp3tag <https://www.mp3tag.de/en/>
4. My Python scripts <https://www.gratefuldeadbook.com/downloads>

This is for Windows 10/11. You could in theory do the same thing on a Mac, but you would need to find an alternative for Notepad ++, because that is only available on Windows. Mp3tag is available on Mac however, and Python is natively supported in Mac OS so I suppose you could develop a process that doesn't need Notepad ++ at all. If anyone figures that out, let me know and I'll add it to the instructions.

### Set up of Mp3tag

In Mp3tag, you want to configure the Text file – Tag Format string configured with the following string:

%artist%#%album%#%title%

You can copy/paste that string from this document into Mp3tag:

Mp3tag v3.27 - M:\Music\bittorrent\gd1968-06-14.late.140953.aud.dalton.miller.sirmick.flac10\

File Edit View Convert Actions Tag Sources Help

Discnumb... Set Track File Title Album Artist Length Album Artist Tag Path

Left click File - Tag button

Discnumb...	Set	Track	File	Title	Album	Artist	Length	Album Artist	Tag	Path
05	gd1968-06-1405.flac	Alligator >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	03:16	FLAC (FLAC)	M:\Music\bittorrent\gd196			
06	gd1968-06-1406.flac	Turn On Your Love Light >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	00:24	FLAC (FLAC)	M:\Music\bittorrent\gd196			
07	gd1968-06-1407.flac	Caution (Do Not Stop On Tracks) ...	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	07:47	FLAC (FLAC)	M:\Music\bittorrent\gd196			
08	gd1968-06-1408.flac	Drums >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	06:52	FLAC (FLAC)	M:\Music\bittorrent\gd196			
09	gd1968-06-1409.flac	Caution (Do Not Stop On Tracks) ...	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	03:20	FLAC (FLAC)	M:\Music\bittorrent\gd196			
10	gd1968-06-1410.flac	Feedback	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	11:07	FLAC (FLAC)	M:\Music\bittorrent\gd196			

Filter:

Ready 10 (01:01:02 | 386.1MB) 10 (01:01:02 | 386.1MB) 10:48 PM 1/8/2025

Mp3tag v3.27 - M:\Music\bittorrent\gd1968-06-14.late.140953.aud.dalton.miller.sirmick.flac10\

File Edit View Convert Actions Tag Sources Help

Discnumb... Set Track File Title Album Artist Length Album Artist Tag Path

Click the Format string: text box

Text file - Tag

Filename: M:\Music\bittorrent\gd1968-06-14.late.140953.aud.dalton.miller.sirmick.flac10

Format string: %artist%#%album%#%title%

Discnumb...	Set	Track	File	Title	Album	Artist	Length	Album Artist	Tag	Path
01	gd1968-06-1401.flac	Feedback >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	03:16	FLAC (FLAC)	M:\Music\bittorrent\gd196			
02	gd1968-06-1402.flac	Jam >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	00:24	FLAC (FLAC)	M:\Music\bittorrent\gd196			
03	gd1968-06-1403.flac	The Eleven >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	07:47	FLAC (FLAC)	M:\Music\bittorrent\gd196			
04	gd1968-06-1404.flac	Saint Stephen	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	06:52	FLAC (FLAC)	M:\Music\bittorrent\gd196			
05	gd1968-06-1405.flac	Alligator >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	03:20	FLAC (FLAC)	M:\Music\bittorrent\gd196			
06	gd1968-06-1406.flac	Turn On Your Love Light >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	11:07	FLAC (FLAC)	M:\Music\bittorrent\gd196			
07	gd1968-06-1407.flac	Caution (Do Not Stop On Tracks) ...	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	04:21	FLAC (FLAC)	M:\Music\bittorrent\gd196			
08	gd1968-06-1408.flac	Drums >	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	02:26	FLAC (FLAC)	M:\Music\bittorrent\gd196			
09	gd1968-06-1409.flac	Caution (Do Not Stop On Tracks) ...	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	17:06	FLAC (FLAC)	M:\Music\bittorrent\gd196			
10	gd1968-06-1410.flac	Feedback	68-06-14 Fillmore East, New York, NY - 140953	Grateful Dead	04:23	FLAC (FLAC)	M:\Music\bittorrent\gd196			

Filter:

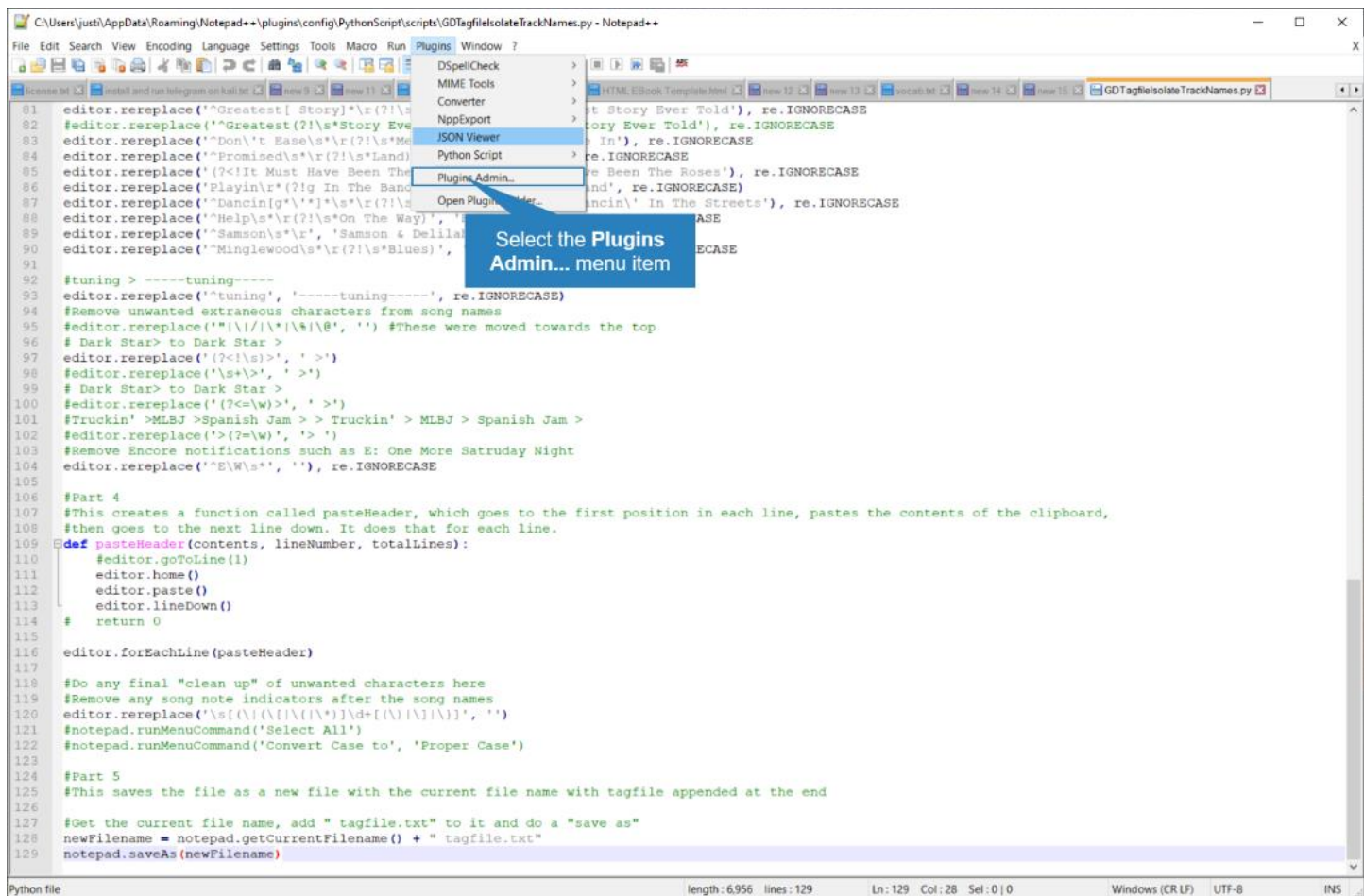
Ready 10 (01:01:02 | 386.1MB) 10 (01:01:02 | 386.1MB) 10:48 PM 1/8/2025

You will need to install the Python Script plugin in Notepad ++ and import my Python scripts.

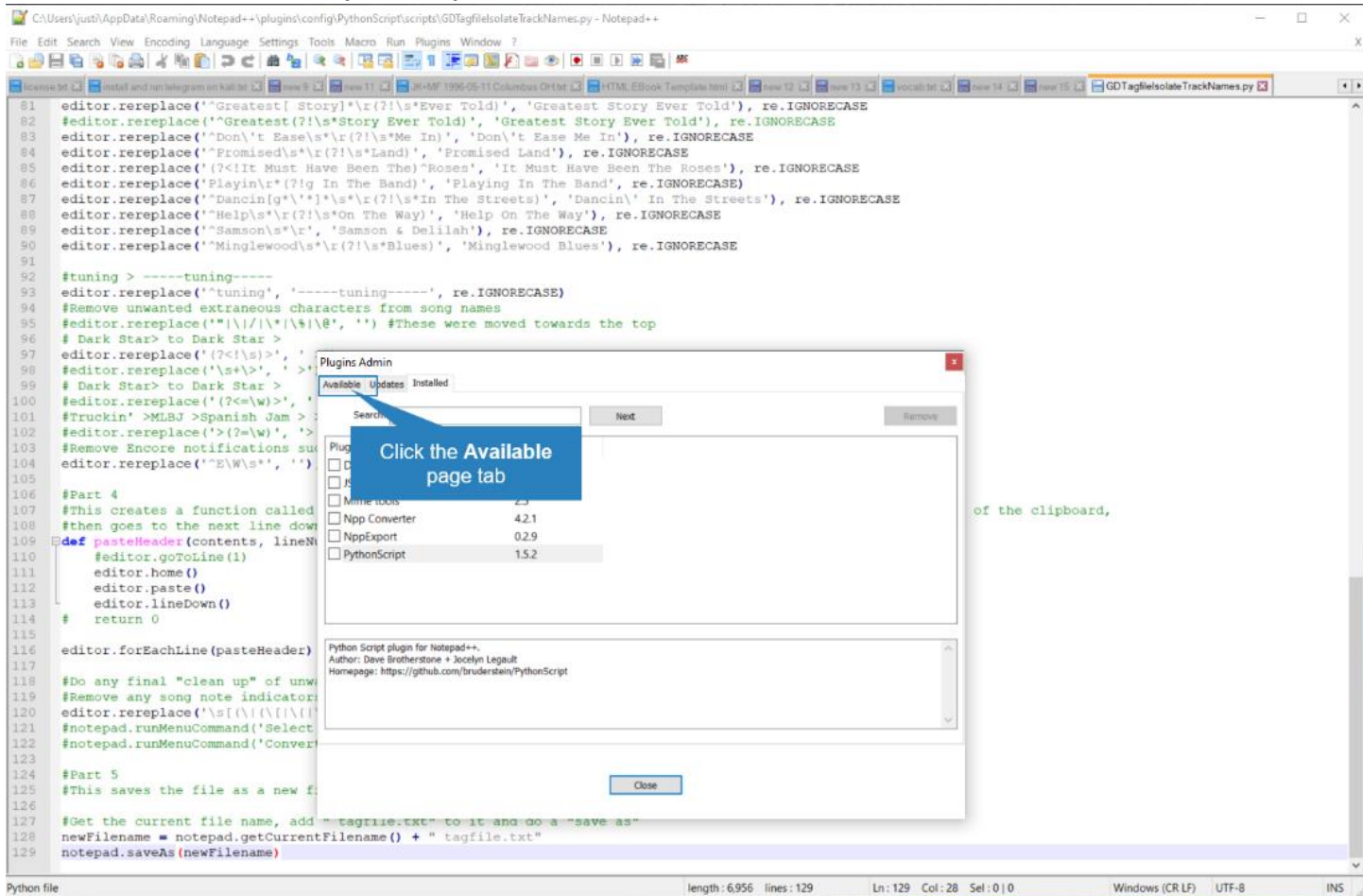
- The image shows a Notepad++ window with a Python script. The script is designed to process song lyrics from a file named 'GDTagfile.txt'. It includes several sections: Part 1 (commenting out unwanted characters), Part 2 (removing unwanted characters from song names), Part 3 (moving lines to the top), Part 4 (creating a function to paste headers), and Part 5 (saving the file with a new name). A blue callout box points to the 'Plugins' menu in the top menu bar, with the text 'Select the Plugins menu item'.

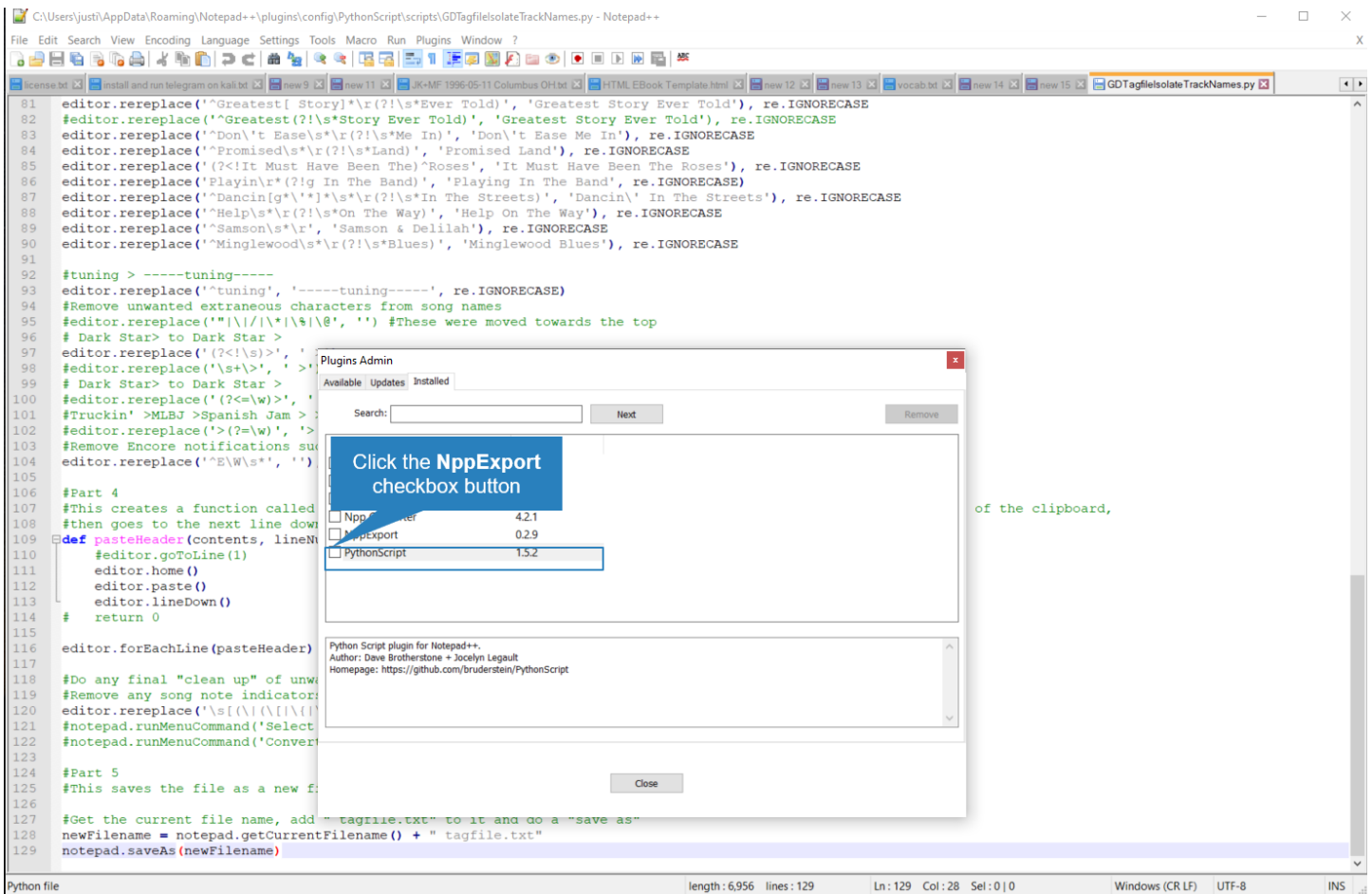
```
C:\Users\just\AppData\Roaming\Notepad++\plugins\config\PythonScript\scripts\GDTagfile\isolateTrackNames.py - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

# license.txt install and run telegram on kali.txt new 9 new 11 new 13 new 14 new 15 GDTagfile\isolateTrackNames.py
81 editor.replace('Greatest Story')
82 #editor.replace('Greatest Story Ever Told')
83 editor.replace('Don't Ease Me In')
84 editor.replace('Promised Land')
85 editor.replace('It Must Have Been The Roses')
86 editor.replace('Playin' In The Band')
87 editor.replace('Dancin' In The Streets')
88 editor.replace('Help On The Way')
89 editor.replace('Samson & Delilah')
90 editor.replace('Minglewood Blues')
91
92 #tuning > ----tuning----
93 editor.replace('tuning', '----tuning----')
94 #Remove unwanted extraneous characters from song names
95 editor.replace('"/\|!@#%', '')
96 # Dark Star> to Dark Star >
97 editor.replace('(<!s)>', '>')
98 editor.replace('s+>', '>')
99 # Dark Star> to Dark Star >
100 editor.replace('({<=w)>', '>')
101 #Truckin' >MLBJ >Spanish Jam > > Truckin' > MLBJ > Spanish Jam >
102 editor.replace('(>?<=w)', '> ')
103 #Remove Encore notifications such as E: One More Saturday Night
104 editor.replace('^EWs$', '')
105
106 #Part 4
107 #This creates a function called pasteHeader, which goes to the first position in each line, pastes the contents of the clipboard,
108 #then goes to the next line down. It does that for each line.
109 def pasteHeader(contents, lineNumber, totalLines):
110     #editor.goToLine(1)
111     editor.home()
112     editor.paste()
113     editor.lineDown()
114     # return 0
115
116 editor.forEachLine(pasteHeader)
117
118 #Do any final "clean up" of unwanted characters here
119 #Remove any song note indicators after the song names
120 editor.replace('([\|!@#%&']d+([\|!@#%&']', '')
121 #notepad.runMenuCommand('Select All')
122 #notepad.runMenuCommand('Convert Case to', 'Proper Case')
123
124 #Part 5
125 #This saves the file as a new file with the current file name with tagfile appended at the end
126
127 #Get the current file name, add " tagfile.txt" to it and do a "save as"
128 newFilename = notepad.getCurrentFilename() + " tagfile.txt"
129 notepad.saveAs(newFilename)
```



3. Under Available tab look for **PythonScript**, check the box, and click the Install button





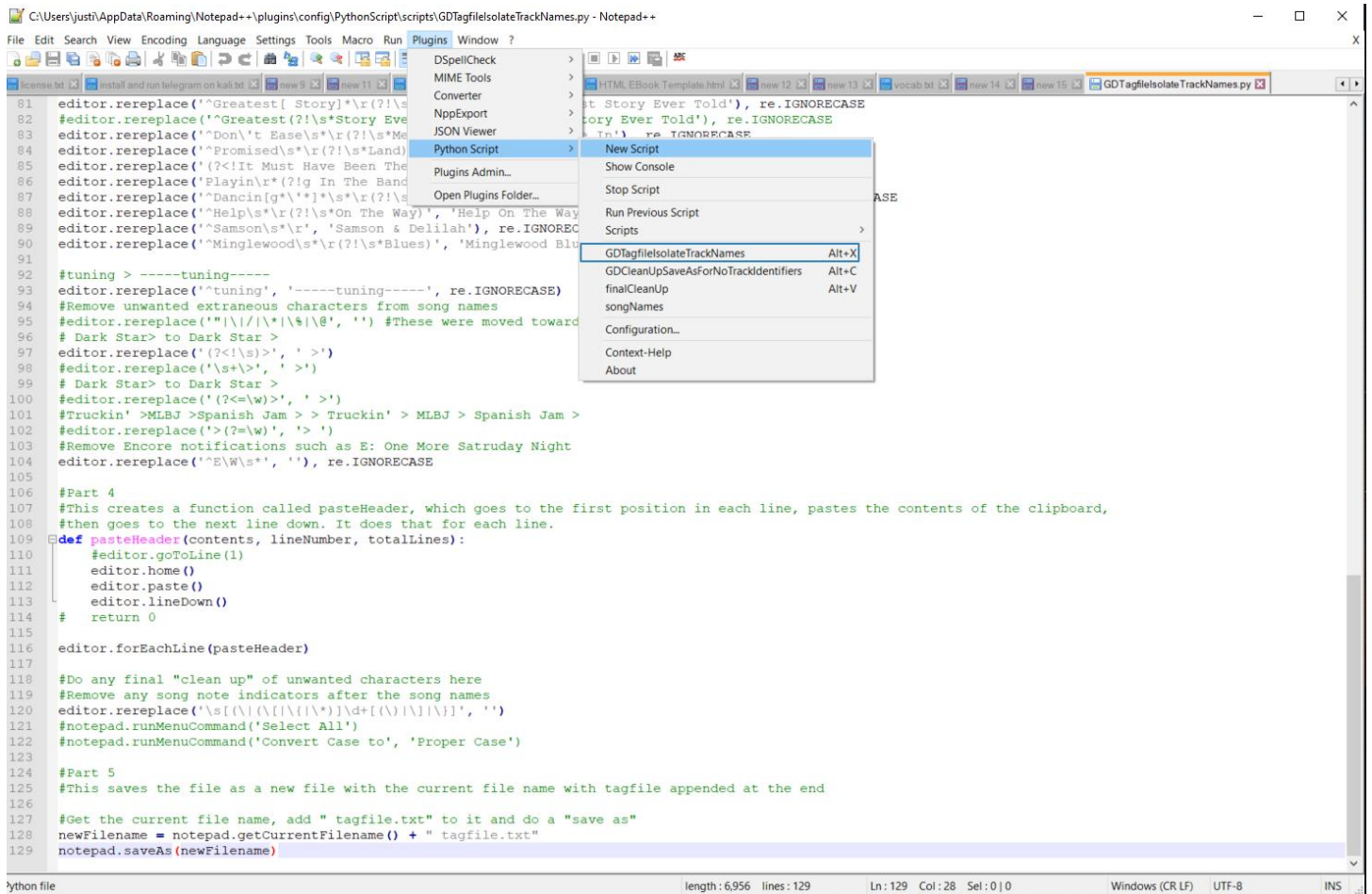
4. Once it's installed, it will show up under the Installed tab as shown above
5. Add the two .py script files you unzipped into the Script folder in the steps above.
  - a. `GDTagfileIsolateTrackNames.py`
  - b. `GDCleanUpSaveAsForNoTrackIdentifiers.py`











```
81 editor.rereplace('^Greatest[ Story]*\r(?!\s
82 #editor.rereplace('^Greatest(?!\s*Story Eve
83 editor.rereplace('Don't Ease\s*(?!*\s*Me
84 editor.rereplace('^Promised\s*(?!*\s*Land)
85 editor.rereplace('(?!It Must Have Been The
86 editor.rereplace('Playin\r*(?!g In The Band
87 editor.rereplace('^Dancin[g*]*\s*(?!*\s
88 editor.rereplace('^Help\s*(?!*\s*On The Way)', 'Help On The Way
89 editor.rereplace('^Samson\s*r', 'Samson & Delilah'), re.IGNOREC
90 editor.rereplace('^Minglewood\s*(?!*\s*Blues)', 'Minglewood Blu
91
92 #tuning > -----tuning-----
93 editor.rereplace('^tuning', '-----tuning-----', re.IGNORECASE)
94 #Remove unwanted extraneous characters from song names
95 #editor.rereplace('^[^a-zA-Z0-9_ ]+', '') #These were moved toward
96 # Dark Star> to Dark Star >
97 editor.rereplace('(?!<\s)>', '>')
98 #editor.rereplace('\s+>', '>')
99 # Dark Star> to Dark Star >
100 #editor.rereplace('(?!<=\\s)>', '>')
101 #Truckin' >MLBJ >Spanish Jam > > Truckin' > MLBJ > Spanish Jam >
102 #editor.rereplace('>(?!=\\w)', '> ')
103 #Remove Encore notifications such as E: One More Saturday Night
104 editor.rereplace('^E\\W\\s*', ''), re.IGNORECASE
105
106 #Part 4
107 #This creates a function called pasteHeader, which goes to the first position in each line, pastes the contents of the clipboard,
108 #then goes to the next line down. It does that for each line.
109 def pasteHeader(contents, lineNumber, totalLines):
110     editor.goToLine(1)
111     editor.home()
112     editor.paste()
113     editor.lineDown()
114     # return 0
115
116 editor.forEachLine(pasteHeader)
117
118 #Do any final "clean up" of unwanted characters here
119 #Remove any song note indicators after the song names
120 editor.rereplace('\s[^\(\)\[\]\{\}\*\]\d+[\(\)\[\]\{\}]*', '')
121 #notepad.runMenuCommand('Select All')
122 #notepad.runMenuCommand('Convert Case to', 'Proper Case')
123
124 #Part 5
125 #This saves the file as a new file with the current file name with tagfile appended at the end
126
127 #Get the current file name, add " tagfile.txt" to it and do a "save as"
128 newFilename = notepad.getCurrentFilename() + " tagfile.txt"
129 notepad.saveAs(newFilename)
```

8. I highly recommend you set a keyboard shortcut to run each one of these scripts. This will speed up the process of getting your files tagged, but these steps are optional

CAUsers\just\AppData\Roaming\Notepad++\plugins\config\PythonScript\scripts\GDTagfileIsolateTrackNames.py - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

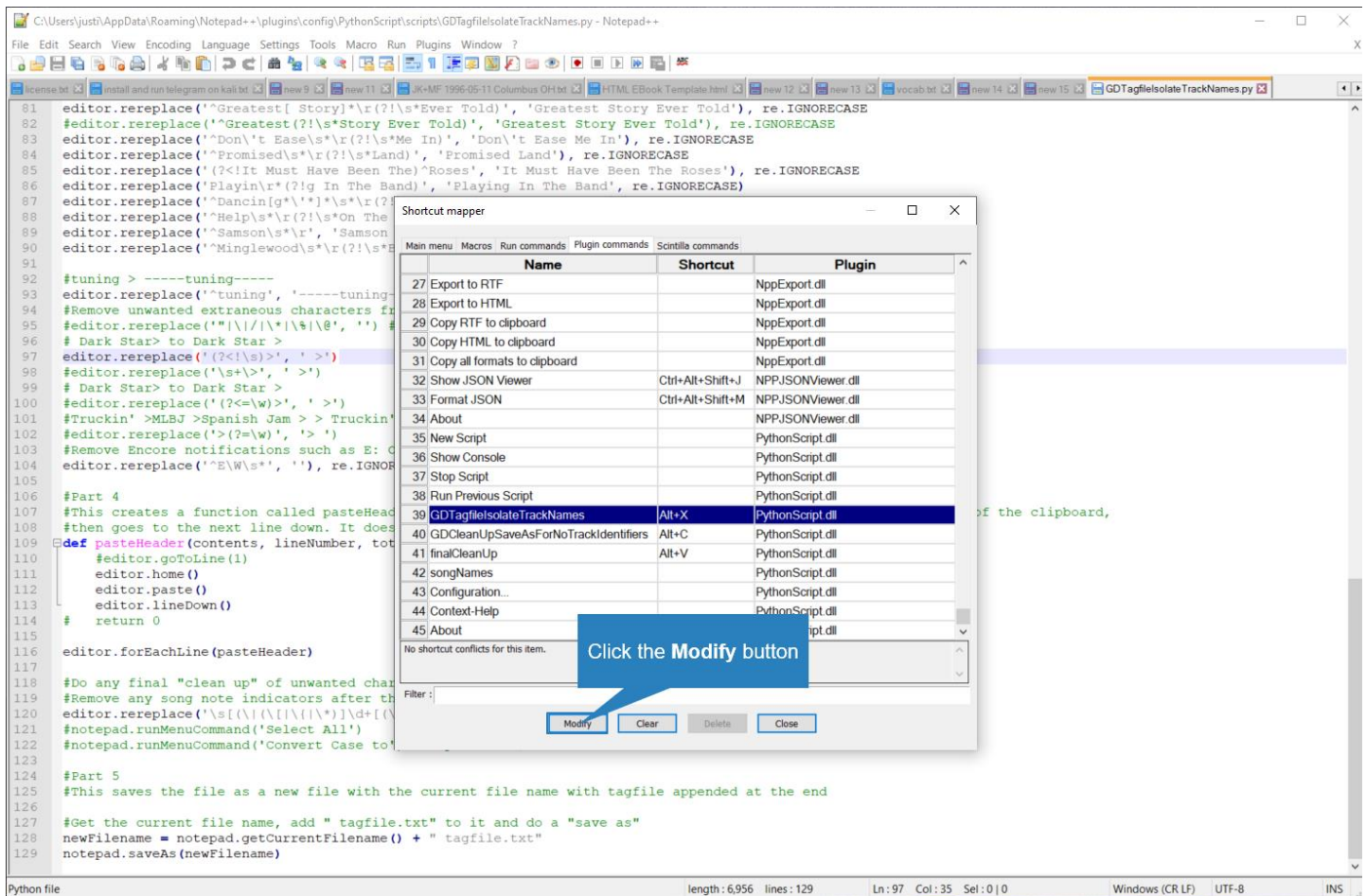
Select the Run menu item

```
81 editor.rereplace('^Greatest[ Story]*\r(?!\n|
82 #editor.rereplace('^Greatest(?!\s*Story E
83 editor.rereplace('^Don\'t Ease\s*\r(?!\s*
84 editor.rereplace('^Promised\s*\r(?!\s*Lan
85 editor.rereplace('(?!It Must Have Been The)Roses', 'It Must Have Been The Roses'), re.IGNORECASE
86 editor.rereplace('Playin\r*(?!g In The Band)', 'Playing In The Band', re.IGNORECASE)
87 editor.rereplace('^Dancin[g]*\s*\r(?!\s*In The Streets)', 'Dancin\' In The Streets'), re.IGNORECASE
88 editor.rereplace('^Help\s*\r(?!\s*On The Way)', 'Help On The Way'), re.IGNORECASE
89 editor.rereplace('^Samson\s*\r', 'Samson & Delilah'), re.IGNORECASE
90 editor.rereplace('^Minglewood\s*\r(?!\s*Blues)', 'Minglewood Blues'), re.IGNORECASE
91
92 #tuning > -----tuning-----
93 editor.rereplace('^tuning', '-----tuning-----', re.IGNORECASE)
94 #Remove unwanted extraneous characters from song names
95 editor.rereplace('"/|/|\s*\r(?!\s*|@', '') #These were moved towards the top
96 # Dark Star> to Dark Star >
97 editor.rereplace('(?!>)\s*>', '>')
98 #editor.rereplace('\s*>', '>')
99 # Dark Star> to Dark Star >
100 #editor.rereplace('(?!<=)\w', '>')
101 #Truckin' >MLBJ >Spanish Jam > > Truckin' > MLBJ > Spanish Jam >
102 #editor.rereplace('>(?=\w)', '> ')
103 #Remove Encore notifications such as E: One More Saturday Night
104 editor.rereplace('^E\W\s*', ''), re.IGNORECASE
105
106 #Part 4
107 #This creates a function called pasteHeader, which goes to the first position in each line, pastes the contents of the clipboard,
108 #then goes to the next line down. It does that for each line.
109 def pasteHeader(contents, lineNumber, totalLines):
110     editor.goToLine(1)
111     editor.home()
112     editor.paste()
113     editor.lineDown()
114     # return 0
115
116 editor.forEachLine(pasteHeader)
117
118 #Do any final "clean up" of unwanted characters here
119 #Remove any song note indicators after the song names
120 editor.rereplace('\s[(\[\{\[\{\[\{\]\d+[(\[\]\]\]\)]', '')
121 #notepad.runMenuCommand('Select All')
122 #notepad.runMenuCommand('Convert Case to', 'Proper Case')
123
124 #Part 5
125 #This saves the file as a new file with the current file name with tagfile appended at the end
126
127 #Get the current file name, add " tagfile.txt" to it and do a "save as"
128 newFilename = notepad.getCurrentFilename() + " tagfile.txt"
129 notepad.saveAs(newFilename)
```

Python file length: 6,956 lines: 129 Ln: 97 Col: 35 Sel: 0 | 0 Windows (CR LF) UTF-8 INS



9. Scroll down until you see the two scripts listed:



10. Once in the Modify screen, pick the key combination you want. Be careful not to duplicate one that already exists. I've found Alt + X and Alt + C to be the best ones, in terms of location on the keyboard for ease of use but you can configure whatever's best for you. Repeat this step for the **GDCleanUpSaveAsForNoTrackIdentifiers** script as well.



