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 - [PIP](#) 00
 - mutagen 00 : python3 -m pip install mutagen
- python 00 00 0 00

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import os
import sys
from mutagen.mp3 import EasyMP3
from mutagen.id3 import ID3, ID3NoHeaderError
import datetime

now = datetime.datetime.now()
print(now)

def changeMP3TagsInDir(dir):
    basename = os.path.basename(dir)
    changedCount = 0
    index = 1
    lst = sorted(os.listdir(dir))
    for file in lst:
        fullpath = os.path.join(dir, file)
        if os.path.isdir(fullpath):
            if file.lower().endswith("eadir"):
                continue
            changeMP3TagsInDir(fullpath)
        else:
            if file.lower().endswith(".mp3"):
                try:
                    tags = EasyMP3(fullpath)
                except ID3NoHeaderError:
                    tags = mutagen.File(fullpath, easy=True)
                    tags.add_tags(ID3=EasyID3)
                except UnicodeDecodeError:
                    pass

            if "album" in tags:
                album = tags["album"][0]
            else:

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        album = ""

        index += 1

        # print("album = ", album, ", basename = ",
basename)

        if album == basename:
            continue

        tags["tracknumber"] = str(index)
        tags["discnumber"] = '1'
        tags["album"] = basename
        try:
            tags.save()
            changedCount += 1
        except:
            print("could not save file "+file)

    print("MP3 tags change. dir=", dir, ", count=",
changedCount)
    if changedCount > 0:
        # [] [][]
        # os.system("synoindex -R type_music &")
        # os.system("synoindex -A "+path+" &")
        os.system("synoindex -A '"+dir+"' &")

    return

if __name__ == "__main__":
    path = None
    if len(sys.argv) >= 2 and os.path.exists(sys.argv[1]):
        path = sys.argv[1]
    if path is not None and os.path.exists(path):
        changeMP3TagsInDir(path)
    else:
        print("Error: The path is incorrect (%s)" % path)

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- export LANG=en_US.utf8

- export PYTHONIOENCODING=UTF-8

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