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Thread: [Question for performing "Auto-Cut" of big MP3 Files](#)

drminermaniac - July 10, 2020, 3:52 pm

This isnt a bug at all but as I am new to coding with python I have a Community question as I am not sure where to start ! At the moment I use the following code for cutting mp3 files with Python :

```
-----  
from pydub import AudioSegment  
  
files_path = "  
file_name = "  
  
startMin = 9  
startSec = 50  
  
endMin = 13  
endSec = 30  
  
# Time to milliseconds  
startTime = startMin*60*1000+startSec*1000  
endTime = endMin*60*1000+endSec*1000  
  
# Opening file and extracting segment  
song = AudioSegment.from_mp3( files_path+file_name+'.mp3' )  
extract = song[startTime:endTime]  
  
# Saving  
extract.export( file_name+'-extract.mp3', format="mp3")  
-----
```

This works without any issue. Now I have a lot of 1h+ .mp3 Files (Electronic Music Sets) and want to cut them all in 1-2 min MP3 Files which have all random lenghts (between 1-2 mins) and are all name for Example (File Pt. 1) (File Pt.2) etc. So in the end I should have the whole Set as tracks which can still be heard in a row.

How do I have to change the code to achieve this solution ? To make the problem and the needed functions clear a last time:

- 1.File is 1 hour+ and have to be cutted into single tracks which are named in a way that they can still be heard in a row.
- 2.All tracks should have different lenghts between 1-2 mins
- 3.File name should be set 1 time and all files afterwards should be continued with "Pt. 2/3/4" etc.
- 4.(Auto Detect the lenght of the MP3 File so it will 100% just use values between 1-2mins and the last file is not 30 seconds for example)

Also after this works I would like to have a simple small GUI for choosing the File and entering the File Name and maybe choose the Directory for saving the final files. As there are also a lot of possiblities it would be awesome if you could suggest me one !

Best Regards to all of you guys !