

```
#!/bin/bash

IFS=$'\n'

find . -type f -name "*.m3u" -exec rm -f {} \; # remove all existing m3u's

M3Ulist=`pwd`/M3UfileList.txt
rm -f $M3Ulist

indexCurrDir ()
{
  FileList="" # initialize empty variable FileList
  for FileTypes in "ogg" "mp3" "flac" "wav" # loop over file types.
  do
    FindFiles=$(find $(pwd) -type f -iname ".*$FileTypes" | sort)
    FileList=$FileList$FindFiles
  done

  if [ "${#FileList}" != "0" ] # do not write m3u file if file list is empty
  then
    CurrDir=$(pwd)
    echo "$CurrDir"
    m3uName=$(basename $CurrDir)

    echo "Writing m3u playlist."
    echo "$FileList" > "${m3uName}.m3u"
    echo "$CurrDir/${m3uName}.m3u" >> "$M3Ulist"
  fi
}

AllDirs=$(find $(pwd) -type d | sort)

for Directory in $AllDirs
do
  cd "$Directory"
  indexCurrDir
done

exit 0
```