

```
#!/bin/bash

IFS=$'\n'

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

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

AllSongs=`pwd`/AllSongs.m3u
rm -f $AllSongs

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

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

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

exit 0
```