

```
#!/bin/bash
#export LC_ALL='C'
# first argument: directory name

export list=$(ls -Al $1 | grep '^[-x].*[ ]' | awk '{ print $8 }' | grep '^\. ' \
| sort && ls -Al $1 | grep '^[-x].*[ ]' | \
awk '{ print $9 }' \ | grep '^[\.]' | sort )

# Make an array so that we can reference these files by number
export i=0
declare -a fileList
for file in $list; do
    fileList[$i]=$1$file
    i=$((expr $i + 1))
done

# Go through list of files in the array
for (( i = 0 ; i < ${#fileList[@]} ; i++ ))
do
    # Compare the current file with the following files
    for (( j = $(expr $i + 1) ; j < ${#fileList[@]} ; j++ ))
    do
        cmp -s ${fileList[$i]} ${fileList[$j]}
        if [ $? == 0 ]; then
            # If you're here, files are duplicates
            rm ${fileList[$j]}
            ln ${fileList[$i]} ${fileList[$j]}
        fi
    done
done
```