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1  #! /bin/sh
2  #
3  # -m<name>: master file is named <name>
4  # -g: generate master list of files in this directory
5  # -d: delete existing master
6  # no option: do comparison if master exists, otherwise generate it
7  #
8  MASTER=MasterList
9  DELMASTER=no
10 GENMASTER=no
11 #
12 # process argument list
13 #
14 for i in "$@"
15 do
16     case "$i" in
17         -d) DELMASTER=yes ;;
18         -g) GENMASTER=yes ;;
19         *)  echo "Unknown option $i" 1>&2
20             exit 1
21             ;;
22     esac
23 done
24 #
25 # sanity check: only one of -d, -g
26 #
27 if [ "$DELMASTER" = 'yes' -a "$GENMASTER" = 'yes' ]
28 then
29     echo "Only one of -d, -g allowed" 1>&2
30     exit 1
31 fi
32 #
33 # if delete master, do so and exit
34 #
35 if [ "$DELMASTER" = 'yes' ]
36 then
37     rm "$MASTER"
38     exit 0
39 fi
40 #
41 # if generating master, do so
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42 #
43 if [ "$GENMASTER" = 'yes' ]
44 then
45     if [ -e "$MASTER" ]
46     then
47         echo "$MASTER exists; please delete it"
48         exit 1
49     else
50         >$MASTER
51         for i in *
52         do
53             if [ "$i" = "$MASTER" -o ! -f "$i" ]
54             then
55                 continue
56             fi
57             echo `ls -sail "$i"``shasum $i` >> $MASTER
58         done
59         exit 0
60     fi
61 fi
62 #
63 # okay, it's just a check
64 #
65 TMP=/tmp/$$
66 #
67 >$TMP
68 for i in *
69 do
70     if [ "$i" = "$MASTER" -o ! -f "$i" ]
71     then
72         continue
73     fi
74     echo `ls -sail "$i"``shasum $i` >> $TMP
75 done
76 diff "$MASTER" $TMP | grep '^(<|>)' | awk '{ print "\t", $NF }' | sort | uniq
77 rm $TMP
78
```