Branch: master ▾

Find file   Copy path

cs-35l / assignment2 / **poornamesr**

![prithvikannan] **prithvikannan** added the trailing slash

4d1b321   on Oct 15

1 contributor

Raw   Blame   History

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65 lines (59 sloc)   1.42 KB

```
1    #! /bin/sh
2
3    # input checking
4    isRecursive=0
5    case $# in
6        0) D='.';;
7        1) if [ $1 = '-r' ]
8           then
9                D='.'
10               isRecursive=1
11           else
12               D=$1
13               isRecursive=0
14          fi;;
15       2) if [ $1 = '-r' ]
16          then
17               isRecursive=1
18          else
19              echo 'Your first operand is wrong' >&2
20              exit 1
21          fi
22          D=$2;;
23       *) echo 'You have given more than two operands' >&2
24          exit 1;;
25      esac
26   if [ ${D:0:1} == "-" ]
27   then
28       echo "Your operand starts with -" >&2
29       exit 1
30   elif [ ! -d $D ]
31   then
32       echo "Your operand is not a directory" >&2
33       exit 1
34   elif [ ! -r $D ]
35   then
36       echo "Your directory is not readable" >&2
37       exit 1
38   fi
39
40   # checking for poornames
41   reg="$reg([^\/]{15,}[^\/]*$)|"
42   reg="$reg\/*[^a-zA-Z\._\/-][^\/]*$|"
43   reg="$reg\/-[^\/]*$|"
44   reg="$reg\/\.[^.]+[^\/]*$|"
45   reg="$reg\/\.\.[^\/]+$"
46
47   if [ $isRecursive = 1 ]
48       then
49       { find -H $D |
50       grep -E $reg & find -H $D |
51       sort -f | uniq -Di; } | sort -f | uniq -u | xargs -d '\n' ls -pd
```

```
52        { find -H $D |
53        grep -E $reg & find -H $D |
54        sort -f | uniq -Di; } | sort -f | uniq -d | xargs -d '\n' ls -pd
55    else
56        { find -H $D -maxdepth 1 |
57        grep -E $reg & find -H $D -maxdepth 1 |
58        sort -f | uniq -Di; } | sort -f | uniq -u | xargs -d '\n' ls -pd
59        { find -H $D -maxdepth 1 |
60        grep -E $reg & find -H $D -maxdepth 1 |
61        sort -f | uniq -Di; } | sort -f | uniq -d | xargs -d '\n' ls -pd
62    fi
63
64
65
```