Shell Example

#!/bin/sh

grep -E '<td[^>]\*>.+'|\

sed -n '1~2p' |\

sed 's/<[^>]\*>//g' | \

sed -e "s/\`/\'/g" | \

sed -e "s/\,/\n/g" | \

sed -e "s/ /\n/g" | \

sed '/^$/d' | \

sed -e 's/\(.\*\)/\L\1/' | \

sed '/b\|c\|d\|f\|g\|j\|q\|r\|s\|t\|v\|x\|y\|z/d' | \

sed "/[^a-z^A-Z^\']/d" | \

sort -u

#!/bin/sh

First=$1

Second=$2

**if** [ -z $First ]

**then**

First="."

**fi**

**if** [ -n "$Second" ]

**then**

echo "Error: More than one input operand" >&2

**exit** 1

**fi**

**if** [ ! -d "$First" ]

**then**

echo "Error: $First is not a directory" >&2

**exit** 1

**fi**

**if** [ ! -r "$First" ]

**then**

echo "Error: $First is not readable" >&2

**exit** 1

**fi**

T=`echo $First | grep "^-"`

**if** [ -n "$T" ]

**then**

echo "Error: $First starts with - " >%2

**exit** 1

**fi**

function func1 {

dir=$1

cd $dir

D=`ls -a | sort`

declare -a ARRAY

let count=0

**for** F **in** $D

**do**

R1=`echo $F | sed 's/[a-zA-Z0-9.\_]//g' | sed 's/-//g' | sed '/^$/d'`

R2=`echo $F | grep "^-"`

R3=`echo $F | grep "^\."`

R4=`echo $F | sed 's/^.\{,14\}//g' | sed '/^$/d' `

**if** [ -n "$R1" ]

**then**

echo "$F"

**continue**

**fi**

**if** [ -n "$R2" ]

**then**

echo "$F"

**continue**

**fi**

**if** [ -n "$R4" ]

**then**

echo "$F"

**continue**

**fi**

**if** [ -n "$R3" ]

**then**

# if [ $R3!="." -a $R3!=".." ]

**if** test $R3 != "." -a $R3 != ".."

**then**

echo "$F"

**continue**

**fi**

**fi**

ARRAY[$count]=`echo "$F" | tr A-Z a-z`

let count=count+1

**done**

# echo '=========='

#for (( k=0; k<$count; k++ ))

#do

# echo "$k: ${ARRAY[$k]}"

#done

#echo '+++++++++'

**for** (( i=0; i<$count; i++ ))

**do**

**for** (( j=i+1; j<$count; j++ ))

**do**

**if** test ${ARRAY[$i]} = ${ARRAY[$j]}

**then**

echo "${ARRAY[$i]}"

**fi**

**done**

**done**

# SD=`ls -l | grep "^d"| sed 's/^d.\{45\}//g' | sed '/^$/d'`

#get the directories to recursively call the funtion

SD=`find -maxdepth 1 -mindepth 1 -type d | sed 's/.\///g'| sed '/^$/d'`

**if** [ -z "$SD" ]

**then**

cd ..

return

**fi**

# echo -e '-------'

# echo "$SD"

# echo -e '-------'

**for** SF **in** $SD #traverse each subdirectory

**do**

**if** [ ! -d "$SF" ]

**then**

echo "$dir" >&2

echo "Error: $SF is not a directory" >&2

**continue**

**fi**

func1 $SF

**done**

cd ..

}

func1 $First