|  |
| --- |
| #!/bin/bash |
|  |  |
|  | # If $RMCFG exist, then use the environment variable. |
|  | # If $RMCFG does not exist, $HOME/.rm.cfg will be used. |
|  | # If neither exist, the recycle bin is in the default location: $HOME/deleted. |
|  | if [ $RMCFG ] ; then |
|  | recyclepath=$RMCFG |
|  | elif [ -e $HOME/.rm.cfg ] ; then |
|  | eval recyclepath=$(head -1 $HOME/.rm.cfg) |
|  | else |
|  | recyclepath=$HOME/deleted |
|  | fi |
|  |  |
|  | file=$1 |
|  | matchentry=$(cat $HOME/.restore.info |grep -w ^$1) |
|  |  |
|  | # the original address of the file |
|  | fileOrig=$(echo -n $matchentry | cut -d":" -f2) |
|  |  |
|  | writeFile() { |
|  | originalDir=$(dirname $fileOrig) |
|  | if [ ! -d $originalDir ] ; then |
|  | mkdir -p $originalDir |
|  | fi |
|  | mv -f $recyclepath/$file $fileOrig |
|  | grep -v $matchentry $HOME/.restore.info > $HOME/.RMtemp |
|  | mv -f $HOME/.RMtemp $HOME/.restore.info |
|  | } |
|  |  |
|  | selectCase() { |
|  | case $response in |
|  | y) writeFile ;; |
|  | yes)writeFile;; |
|  | n) exit ;; |
|  | no) exit ;; |
|  | \*) "Error: Invalid response!" exit ;; |
|  | esac |
|  | } |
|  |  |
|  | convertToLower() { |
|  | response=$(echo $response | tr [:upper:] [:lower:]) |
|  | } |
|  |  |
|  | # If the file does not exist in the recycle bin, your script should produce an error. |
|  | if [ ! $matchentry ] ; then |
|  | echo "Error: The file $file does not exist!" |
|  | else |
|  | # If the file already exists in the target directory, your script should prompt "Do you want to overwrite?"i |
|  | if [ -e $fileOrig ] ; then |
|  | echo "Do you want to overwrite? $fileOrig" |
|  | echo "If no, then the file name $file will be used instead of the original name." |
|  | read -p "[Y/n] " response |
|  | convertToLower |
|  | selectCase |
|  | else |
|  | writeFile |
|  | fi |
|  | fi |