

```
#!/bin/bash
#Usage: imdmon <path>
```

```
if [[ "$1" == "" ]] ; then Path="/" ; fi
```

```
#-----
_LCODES='Afrikaans|af%Albanian|al|sq|sq0|sqi%Amharic|amh|am0|am%Arabic|ara|ar0|ar%Armenian|arm|hy|hy0|hye%
Australian|Oau%Austrian|Oat%Basque|eu%Belgian|Och%Bosnian|bs%British|Ogb%Bulgarian|bul|bg0|bg%Byelorussian|be|bel%
Canadian|Oca%Catalan|ca|ca0|cat%Cherokee|chr%Chinese|chi|zh|zh0|zho%Croatian|hrv|hr0|hr%Czech|cze|cs|ces|cs0|cz%
Danish|dan|da0|da%Dutch|dut|du|nl|nl0|nl%Emoji%English|en|eng|en0US%EN~Hybrid|Oca|Oie|Ojp|Oin|Onz|Osg|Ouk|Oza%
Estonian|est|et0|et%Finnish|fin|fi|fi0|fi|se%Filipino|ph|fil|tl%French|fra|fr|fre|Ofr%Gaelic|ga0|ga%German|deu|de|ger|Ode|gsw%
Greek|gre|el|el0|ell%Guarani|gl%Gujarati|guj|gu0|gu%Hawaiian|haw%Hebrew|heb|he|he0|iW%Hindi|hin|hi0|hi|bn|kn|ml|mr|te
%Hungarian|hun|hu0|hu%Icelandic|ice|is|is0|isl%Indonesian|id|ind|id0|in%Iranian|ira|fa|fa0|per%Italian|ita|it0|it%Japanese|ja|
ja0|jpn|ka|Kana%Kanuri|kr%Korean|kor|ko0|ko%Latvian|lav|lv0|lv%Lingala|ln%Lithuanian|lit|lt0|lt%Macedonian|mk|mk0|mac%
Malay|Malaysian|may|ms0|ms%Norwegian|nb|nor|no|nob|nn|nn0|nno%Panjabi|pa|pa0|pan%Polish|pol|pl0|pl%Portuguese|
por|pt0|pt%Romanian|ro|rum|mo|ro0|ron%Russian|ru|ru0|rus%Serbian|sr0|sr%Slovak|slk|sk|sk0|slo%Slovenian|slv|sl0|sl%
Spanish|spa|sp|sp0|es|Oes|gl%SP~Hybrid|0419|0ar|0bo|0cl|0co|0cr|0do|0ec|0gt|0hn|0mx|0ni|0pa|0pe|0pr|0py|0sv|0us|
0uy|0ve%Swahili|sw%Swedish|swe|sv0|sv%Tamil|ta%Thai|tha|th0|th%Tibetan|bo%Turkish|tur|tr0|tr%Ukrainian|ukr|uk0|uk%
Urdu|ur%Vietnamese|vi|vt|vi0|vn0|vn%Welsh|cy%Zulu|zu'
```

```
#-----
_IDAEMONS='accessoryd%iPhone docks, AV cables & accessories|AddressBook%Caches Contacts for faster
loading|AdminLite%Force-Quit unresponsive processes|AOSNotification%MobileMe & iCloud over-the-air
sync|appsupport.cplogd%Logs 3rdParty app crashes|apsd%Push notifications|apsd.tcpdump.en0%Logs push notification
errors|apsd.tcpdump.pdp_ip0%Also logs push errors|aslmanager% System Log manager%|assitivetouchd%AssistiveTouch.app
helper|awd_iceX%2G & 3G use ice2; 4G+ uses ice3|certui.relay%Unverified website warnings|chud.chum% CHUD
tools|chud.pilotfish%CHUD for developers|crash_mover%Move Crashlogs to Mob/Lib/Logs|CrashHousekeeping%Deals with
crashes|daily%AppStore automatic update check|dataaccess.dataaccessd%MobileMe,Exchange,LDAP
Sync|datamigrator%Transfer SIM contacts to phone|DumpBasebandCrash%Dumps baseband crashes|DumpPanic%Writes
panic-info to Crash Logs|gamed%Needed only for GameCenter|graphicservices.sample%Display album
artwork|iapd%Manages accessories & Nike+iPod|iqaqent%Unknown but removal ok|itunescloudd%iTunes Cloud & Home
Sharing|livetrace%MobileMe tracking Daemon|marcoagent%Logs iMessage & FaceTime crashes|marco.tcpdump.en0%Logs
errors with WiFi connections|mobile.daemoney_device_arbitrator%Accessories|mobile.obliteration%Settings Reset,
Data-wipe|mobile.profile_janitor%Provisioning profiles|mobile.softwareupdated%Jailbreak made this
useless|MobileInternetSharing%Internet Tethering|nmbd%Samba daemon?|notifyd%Needed only for Push
Notification|OTACrashCopier%Moves OTA crashlogs|OTATaskingAgent%OTA update periodic checks|powerlog%Logs
incompatible chargers|printd%Starts the AirPrint daemon|profilepolicy%For iOS5; Unknown but removal OK|psctl%Camera
Connection Kit support|racon%VPN Virtual Private Networks|ReportCrash.DirectoryService% Crash report
1|ReportCrash.Jetsam% Crash report 2|ReportCrash% Crash report 3|ReportCrash.SafetyNet% Crash report
4|ReportCrash.SimulateCrash% Crash report 5|ReportCrash.StackShot% Crash report 6|scrod%Voice
Control|search.appindexer%Indexes apps for Spotlight|searchd%Remove to disable Spotlight search|sharktrace%Developer
crash logs|SpringBoard.SetupHelper%iOS Setup app first-run|stackshot.server%Unknown but removal
ok|storage_mounter%iPad Camera Connection Kit|syslogd%Logs system events|tcpdump.server%Dump traffic on a
network|usbethernetsharing%|vibrationmanagerd%Custom vibration patterns|voiced%Voice Control|VoiceOverTouch%Also
Voice Control|vsassetd%Starts Voice control|wapic%Chinese WiFi error log|com.saurik.Cydia.Startup%Cydia AutoInstall of DEB
files'
```

```
#-----
_SIMS="ae|U.A.Emirates al|Albania am|Armenia ar|Argentina at|Austria au|Australia be|Belgium bg|Bulgaria bh|Bahrain
bo|Bolivia br|Brazil bw|Botswana ca|Canada cf|C.A.Rep ch|Switzerland ci|Cote_d'Ivoire cl|Chile cm|Cameroon cn|China
co|Colombia cr|Costa_Rica cz|Czech_Republic de|Germany Germany|Germany dk|Denmark do|Dominican_Rep ec|Ecuador
ee|Estonia eg|Egypt es|Spain fi|Finland fr|France France|France gn|Guinea gr|Greece gt|Guatemala gu|Guam hk|Hong_Kong
hn|Honduras hr|Croatia hu|Hungary id|Indonesia ie|Ireland il|Israel in|India it|Italy Italy|Italy jm|Jamaica jo|Jordan jp|Japan
ke|Kenya kr|South_Korea kw|Kuwait li|Liechtenstein lt|Lithuania lu|Luxembourg lv|Latvia ma|Morocco md|Moldova
me|Montenegro mg|Madagascar mk|Macedonia ml|Mali mo|Macau mq|Martinique mt|Malta mu|Mauritius mx|Mexico
my|Malaysia ne|Niger ni|Nicaragua nl|Netherlands no|Norway nz|New_Zealand pa|Panama pe|Peru ph|Philippines pl|Poland
pt|Portugal py|Paraguay qa|Qatar re|Reunion ro|Romania ru|Russia sa|Saudi_Arabia se|Sweden sg|Singapore si|Slovenia
sk|Slovakia sn|Senegal sv|El_Salvador th|Thailand tn|Tunisia tr|Turkey tt|Trinidad_&_Tobago tw|Taiwan ug|Uganda
uk|England uy|Uruguay ve|Venezuela vn|Vietnam wi|Caribbean za|South_Africa"
```

```
#-----
_RCODES="AF|Afghanistan%AL|Albania%DZ|Algeria%AS|American_Samoa%AD|Andorra%AO|Angola%AI|Anguilla%AQ|
Antarctica%AG|Antigua_&_Barbuda%AR|Argentina%AM|Armenia%AW|Aruba%AU|Australia%AT|Austria%AZ|Azerbaijan%BS|
Bahamas%BH|Bahrain%BD|Bangladesh%BB|Barbados%BY|Belarus%BE|Belgium%BZ|Belize%BJ|Benin%BM|Bermuda%BT|Bhutan%BO
|Bolivia%BA|Bosnia_&_Herzegovina%BW|Botswana%BR|Brazil%BN|Brunei%BG|Bulgaria%BF|Burkina_Faso%BI|Burundi%KH|
Cambodia%CM|Cameroon%CA|Canada%CV|Cape_Verde%KY|Cayman_Islands%CF|Central_African_Republic%TD|Chad%CL|Chile
%CN|China%CO|Colombia%KM|Comoros%CG|Congo-Brazzaville%CD|DR_Congo%CR|Costa_Rica%CI|Côte_D'Ivoire%HR|Croatia
%CU|Cuba%CW|Curaçao%CY|Cyprus%CZ|Czech_Republic%DK|Denmark%DJ|Djibouti%DM|Dominica%DO|Dominican_Republic%
EC|Ecuador%EG|Egypt%SV|El_Salvador%GQ|Equatorial_Guinea%ER|Eritrea%EE|Estonia%ET|Ethiopia%FK|Falkland_Islands%FO|
Faroe_Islands%FJ|Fiji%FI|Finland%FR|France%GF|French_Guiana%PF|French_Polynesia%GA|Gabon%GM|Gambia%GE|Georgia%DE
|Germany%GH|Ghana%GI|Gibraltar%GR|Greece%GL|Greenland%GD|Grenada%GP|Guadeloupe%GU|Guam%GT|Guatemala%GG|
Guernsey%GN|Guinea%GW|Guinea-Bissau%GY|Guyana%HT|Haiti%VA|Vatican_City%HN|Honduras%HK|Hong_Kong%HU|
```



```

find ${_STAPPS} -maxdepth 2 -type l \(! -user "root" -o ! -group "admin" \) 2>/dev/null | tee -a /tmp/tf.chown.log | xargs
-0 -l -d '\n' --no-run-if-empty chown -h root:admin
find /Library -maxdepth 1 -type l \(! -user "root" -o ! -group "admin" \) 2>/dev/null | tee -a /tmp/tf.chown.log | xargs -0
-l -d '\n' --no-run-if-empty chown -h root:admin
#-----
#----- Fix executable permission -----
#-----
_DIR="/System/Library/PreferenceBundles /Library/PreferenceBundles"
bliner ; notab echo -ne "\n ${_CY}Verifying correct [${_WH}755${_CY}] permissions for PreferenceBundle [${_WH}Executables
${_RS}]" ; etcn ; for E in $_DIR ; do cleanup
find $E -mindepth 2 -type f ! -name "*" ! -perm 0755 | grep -Ev 'CodeResources' | tee -a /tmp/tf.chmod.log | xargs -0 -l
-d '\n' --no-run-if-empty chmod 755
if [ -s /tmp/tf.chmod.log ] ; then
notab echo -e "\n [${_RS}][${_RD}+${_RS}] [${_RD}]Repaired permissions${_RS} on [${_WH}$(grep -E "^$E" /tmp/tf.chmod.log |
wc -l | sed -e "s:$(nocolor)\] executables:" -e '/^\<[\>\<1\>\<[\>/s/les/le/') in $(white)$(echo "$E" | sed -e 's:/::' -e
"s:/:(red)\:(white):g")\n"
awk '{printf "\033[36m%02d\033[0m%-s\n",NR,$0}' /tmp/tf.chmod.log | sed -e 's:/::g' -e
"s:\(settings\|preferences*\)\):$(blue)~$(nocolor):!' -e 's:^:t:'
else notab echo -e "\n [${_RS}][${_CY}✓${_RS}] [${_GR}]No repairs needed${_RS} in [${_WH}$(echo ${E} | sed -e 's:/::' -e
"s:/:(red)\:(white):g") ${_RS}"
fi ; done
#-----
#----- Fix directory permissions in 'mobile' -----
#-----
bliner ; notab echo -ne "\n ${_CY}Verifying correct [${_WH}755${_CY}] permissions for [${_WH}]Directories [${_RS}]" ; etcn ;
cleanup
find ${_MOBILE} -type d ! \(! -perm 0755 -o -perm 0775 \) | grep -v 'Cache' | tee -a /tmp/tf.chmod.log | xargs -0 -l -d '\n'
--no-run-if-empty chmod 755
if [ -s /tmp/tf.chmod.log ] ; then cat /tmp/tf.chmod.log > /tmp/tf.logrm.log
notab echo -e "\n [${_RS}][${_RD}+${_RS}] [${_RD}]Repaired permissions${_RS} on [${_WH}$(icount | sed -e "s:$(nocolor)\]
directories:" -e '/^\<[\>\<1\>\<[\>/s/ries/ry/') in [${_WH}]mobile${_RS}"
else notab echo -e "\n [${_RS}][${_CY}✓${_RS}] [${_WH}]Directory [${_RS}]permissions needed no modifications" ; fi
#-----
#----- Fix MobileSubstrate Dylib permissions -----
#-----
notab echo -ne "\n ${_CY}Verifying correct [${_WH}755${_CY}] permissions for [${_WH}]Dynamic Libraries [${_RS}]" ; etcn ;
cleanup
find $Path \(! -name '*.dylib' -o -name '*.sh' \) -type f ! \(! -perm 0755 -o -perm 0775 \) | tee -a /tmp/tf.chmod.log | xargs
-0 -l -d '\n' --no-run-if-empty chmod 755
if [ -s /tmp/tf.chmod.log ] ; then cat /tmp/tf.chmod.log > /tmp/tf.logrm.log
notab echo -e "\n [${_RS}][${_RD}+${_RS}] [${_RD}]Repaired permissions${_RS} on [${_WH}$(icount | sed -e "s:$(nocolor)\]
$(white)dylib$(nocolor) extensions:" -e '/^\<[\>\<1\>\<[\>/s/ions/ion/') in [${_WH}]Library${_RS}"
else notab echo -e "\n [${_RS}][${_CY}✓${_RS}] [${_WH}]dylib [${_RS}] permissions needed no modifications" ; fi
#-----
#----- Find incorrect ((( 600 / 644 / 664 ))) permissions system-wide -----
#-----
find $Path \(! -name "CodeResources" -o -iname "PkgInfo" -o -iname "*\.mobileprovision" -o -iname "*\.example" -o
-iname "*\.plist" -o -iname "*\.string" -o -iname "*\.nib" -iname "*\.caf" -o -iname "*\.wav" -o -iname "*\.aif*" -o -iname
"*\.m4[ra]" -o -iname "*\.mp[34]" -iname "*\.html" -o -iname "*\.txt" -o -iname "*\.log" -o -iname "*\.db" -o -iname
"*\.sqlitedb" -iname "*\.png" -o -iname "*\.jpe*g" -o -iname "*\.tif*" \) -type f ! \(! -perm 0600 -o -perm 0644 -o -perm
0664 \) > /tmp/chmod.log
#-----
#----- PLIST - STRINGS - NIB - Fix permissions system-wide -----
#-----
notab echo -ne "\n ${_CY}Verifying correct [${_WH}644${_CY}] permissions for [${_WH}]Property Lists [${_RS}]" ; etcn ; cleanup
grep -i 'plist$\|strings$\|nib$' /tmp/chmod.log | tee /tmp/tf.tmp.log | xargs -0 -l -d '\n' --no-run-if-empty chmod 644
if [ -s /tmp/tf.tmp.log ] ; then cat /tmp/tf.tmp.log > /tmp/tf.logrm.log
notab echo -e "\n [${_RS}][${_RD}+${_RS}] [${_RD}]Repaired permissions${_RS} on [${_WH}$(icount | sed -e "s:$(nocolor)\]
$(white)plist$(nocolor)/$(white)strings$(nocolor)/$(white)nib$(nocolor) files:" -e '/^\<[\>\<1\>\<[\>/s/files/file/')
system-wide" ; else notab echo -e "\n [${_RS}][${_CY}✓${_RS}] [${_WH}]plist${_RS}, [${_WH}]strings [${_RS}]&[${_WH}] nib${_RS}
permissions needed no modifications" ; fi
#-----
#----- PkgInfo - CodeResources - Fix permissions system-wide -----
#-----
notab echo -ne "\n ${_CY}Verifying correct [${_WH}644${_CY}] permissions for [${_WH}]Resource files [${_RS}]" ; etcn ; cleanup
grep -i 'CodeResources\|PkgInfo\|\.mobileprovision\|\.example' /tmp/chmod.log | tee /tmp/tf.tmp.log | xargs -0 -l -d '\n'
--no-run-if-empty chmod 644
if [ -s /tmp/tf.tmp.log ] ; then cat /tmp/tf.tmp.log > /tmp/tf.logrm.log

```

```

notab echo -e "\n ${_RS}${_RD}+${_RS}} ${_RD}Repaired permissions${_RS} on [${_WH}]$(icount | sed -e "s:$(nocolor)\]
$(white)Resource $(nocolor)files:" -e '/^\<[\>\<1\>\<]\>/s/files/file/') system-wide" ; else notab echo -e "\n
${_RS}${_CY}√${_RS}} ${_WH}Resource file${_RS} permissions needed no modifications" ; fi
#-----
#----- CAF - WAV - MP3 - MP4 - M4A - M4P - AIFF - Fix permissions system-wide -----
#-----
notab echo -ne "\n ${_CY}Verifying correct [${_WH}644${_CY}] permissions for [${_WH}Audio Files ${_RS}]" ; etcn ; cleanup
grep -i 'caf$\|wav$\|ai[f]*$\|m4[ra]$\|mp[34]' /tmp/chmod.log | tee /tmp/tf.tmp.log | xargs -0 -l -d '\n'
--no-run-if-empty chmod 644
if [ -s /tmp/tf.tmp.log ] ; then cat /tmp/tf.tmp.log > /tmp/tf.logrm.log
notab echo -e "\n ${_RS}${_RD}+${_RS}} ${_RD}Repaired permissions${_RS} on [${_WH}]$(icount | sed -e "s:$(nocolor)\]
$(white)audio$(nocolor) files:" -e '/^\<[\>\<1\>\<]\>/s/files/file/') system-wide" ; else notab echo -e "\n
${_RS}${_CY}√${_RS}} ${_WH}audio file${_RS} permissions needed no modifications" ; fi
#-----
#----- HTML - TXT - LOG - SQLITEDB - DB - Fix permissions system-wide -----
#-----
notab echo -ne "\n ${_CY}Verifying correct [${_WH}644${_CY}] permissions for [${_WH}TXT ${_RS}&${_WH} HTML
${_RS}&${_WH} LOG ${_RS}&${_WH} DATABASE Files ${_RS}]" ; etcn ; cleanup
grep -i 'html$\|txt$\|log$\|db$\|sqlite$db' /tmp/chmod.log | tee /tmp/tf.tmp.log | xargs -0 -l -d '\n' --no-run-if-empty
chmod 644
if [ -s /tmp/tf.tmp.log ] ; then cat /tmp/tf.tmp.log > /tmp/tf.logrm.log
notab echo -e "\n ${_RS}${_RD}+${_RS}} ${_RD}Repaired permissions${_RS} on [${_WH}]$(icount | sed -e "s:$(nocolor)\]
$(white)html$(nocolor)/$(white)txt$(nocolor)/$(white)log$(nocolor)/$(white)database$(nocolor) files:" -e
'/^\<[\>\<1\>\<]\>/s/files/file/')" ; else
notab echo -e "\n ${_RS}${_CY}√${_RS}} ${_WH}txt${_RS}, ${_WH}html${_RS}, ${_WH}log ${_RS}&${_WH} database file
${_RS}permissions needed no modifications" ; fi
#-----
#----- PNG - JPG Fix permissions system-wide ** First time will take forever ** -----
#-----
notab echo -ne "\n ${_CY}Verifying correct [${_WH}644${_CY}] permissions for [${_WH}PNG ${_RS}&${_WH} JPG Images ${_RS}]"
; etcn ; cleanup
grep -i 'png$\|jpg[e]*g$\|tif*$' /tmp/chmod.log | tee /tmp/tf.tmp.log | xargs -0 -l -d '\n' --no-run-if-empty chmod 644
if [ -s /tmp/tf.tmp.log ] ; then cat /tmp/tf.tmp.log > /tmp/tf.logrm.log
notab echo -e "\n ${_RS}${_RD}+${_RS}} ${_RD}Repaired permissions${_RS} on [${_WH}]$(icount | sed -e "s:$(nocolor)\]
$(white)png$(nocolor)/$(white)jpg$(nocolor) images:" -e '/^\<[\>\<1\>\<]\>/s/mages/mage/')"
else notab echo -e "\n ${_RS}${_CY}√${_RS}} ${_WH}png ${_RS}&${_WH} jpg image ${_RS}permissions needed no
modifications" ; fi
#-----
#----- Fix SBSettings permissions in 'mobile/Library' -----
#-----
chmod 777 ${_MOBILE}/Library/SBSettings
chmod -R 755 ${_MOBILE}/Library/SBSettings/Commands
#-----
#####
#-----
repeat 20 dot ; notab echo -e "\n\n
${_RS}---${_RD}---${_RS}END${_RD}-${_RS}OF${_RD}-${_RS}PROCESS${_RD}-&-${_RS}EXIT${_RD}-${_RS}STAGE${_RD}-${_RS}
LEFT${_RD}----${_RS}---\n\n"
exitxt

```