

```
#!/bin/bash
#Usage: imxtra <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|iqaent%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|
```

Hungary%|S|Iceland%|N|India%|D|Indonesia%|R|Iran%|Q|Iraq%|E|Ireland%|M|Isle\_Of\_Man%|L|Israel%|T|Italy%|J|Jamaica%|P|Japan%|E|Jersey%|J|Jordan%|K|Kazakhstan%|K|Kenya%|P|North\_Korea%|K|South\_Korea%|K|Kuwait%|K|Kyrgyzstan%|L|Lao%|L|Latvia%|L|Lebanon%|L|Lesotho%|L|Liberia%|L|Libya%|L|Liechtenstein%|L|Lithuania%|L|Luxembourg%|M|Macao%|M|Macedonia%|M|Madagascar%|M|Malawi%|M|Malaysia%|M|Maldives%|M|Mali%|M|Malta%|M|Marshall\_Islands%|M|Martinique%|M|Mauritania%|M|Mauritius%|M|Mexico%|M|Micronesia%|M|Moldova%|M|Monaco%|M|Mongolia%|M|Montenegro%|M|Montserrat%|M|Morocco%|M|Mozambique%|M|Myanmar%|N|Namibia%|N|Nepal%|N|Netherlands%|N|New\_Caledonia%|N|New\_Zealand%|N|Nicaragua%|N|Nigeria%|N|Norway%|N|Oman%|O|Pakistan%|P|Palestinian\_Territory%|P|Panama%|P|Papua\_New\_Guinea%|P|Paraguay%|P|Peru%|P|Philippines%|P|Pitcairn%|P|Poland%|P|Portugal%|P|Puerto\_Rico%|Q|Qatar%|R|Réunion%|R|Romania%|R|Russia%|R|RWanda%|B|Saint\_Barthélemy%|S|Saint\_Helena%|K|Saint\_Kitts%|L|Saint\_Lucia%|M|French\_Saint\_Martin%|M|Saint\_Pierre\_&\_Miquelon%|V|Saint\_Vincent%|S|Samoa%|S|San\_Marino%|S|Sao\_Tome\_&\_Principe%|S|Saudi\_Arabia%|S|Senegal%|S|Serbia%|S|Seychelles%|S|Sierra\_Leone%|S|Singapore%|S|Dutch\_Saint\_Maarten%|S|Slovakia%|S|Slovenia%|S|Solomon\_Islands%|S|Somalia%|S|South\_Africa%|S|South\_Sudan%|S|Spain%|S|Sri\_Lanka%|S|Sudan%|S|Suriname%|S|Swaziland%|S|Sweden%|S|Switzerland%|S|Syria%|T|Taiwan%|T|Tajikistan%|T|Tanzania%|T|Thailand%|T|East\_Timor%|T|Togo%|T|Trinidad\_&\_Tobago%|T|Tunisia%|T|Turkey%|T|Turkmenistan%|T|Turks\_&\_Caicos%|U|Uganda%|U|Ukraine%|U|United\_Arab\_Emirates%|U|United\_Kingdom%|U|United\_States%|U|Uruguay%|U|Uzbekistan%|U|Venezuela%|V|Vietnam%|V|British\_Virgin\_Islands%|V|U.S\_Virgin\_Islands%|W|Wallis\_&\_Futuna%|E|Western\_Sahara%|Y|Yemen%|Z|Zambia%|Z|Zimbabwe"

```
#-----  
_RD='\e[0;31m'; _GR='\e[0;32m'; _YL='\e[0;33m'; _BL='\e[0;34m'; _MG='\e[0;35m'; _CY='\e[0;36m'; _WH='\e[0;37m';  
_RS='\e[0;0m';function red() { printf "${_RD}"; };function green() { printf "${_GR}"; };function yellow() { printf "${_YL}"; };function  
blue() { printf "${_BL}"; };function magenta() { printf "${_MG}"; };function cyan() { printf "${_CY}"; };function white() { printf  
"${_WH}"; };function nocolor() { printf "${_RS}"; };mkdir -p /private/var/mobile/Media/Downloads/Logs ;chown -R  
mobile:mobile /private/var/mobile/Media/Downloads/Logs ;function repeat() { n=$1 ;shift;while [ $(($ n - 1)) -ge 0 ];do  
"$@";done; }; _WIDTH="$((tput cols))"; _SYSLIB="/System/Library"; _PRIVAR="/private/var"; _MOBILE="/private/var/mobile";  
_STAPPS="$(find /private/var/stash -name 'Applications*')"; _MOBAPP="/private/var/mobile/Applications";  
_LOGS="/private/var/mobile/Media/Downloads/Logs"; _DOWNL="/private/var/mobile/Media/Downloads"; _TF="/tmp/tf.*";  
_4LINE="$((repeat ${_WIDTH}/4 printf '-'))"; _DEL="$((printf '\b%.0s {1..12};printf '%.0s {1..12};printf '\b%.0s  
{1..12}'))";function cleanup() { rm -f $_TF; };function blank() { printf "\r$(repeat $_WIDTH printf ' ')"; };function bottom() {  
printf "\n\033[1A"; };function notab() { if [[ $_WIDTH -le 60 ]];then _NL="\n"; _TB="\t"; _LS="\r"; _SP=" "; _BK="\b";  
_AC="$_CY";AY="$_YL"; _AR="$_RD"; _AB="$_BL"; _AM="$_MG"; "$@"|sed -e s:'^::g';else "$@"; _ST=""; _fi; };function indented()  
{ if [[ $_WIDTH -ge 60 ]];then "$@"|sed 's:^::g';else "$@";fi; };function noindent() { if [[ $_WIDTH -le 60 ]];then "$@"|sed 's:^  
\\t*::g';else "$@";fi; };function allcaps() { if [[ $_WIDTH -ge 60 ]];then printf "$@";else printf "\n${@^^}";fi; };function cutxt() {  
if [[ $_WIDTH -ge 60 ]];then printf "$@";else nocolor;fi; };function hobble() { if [[ $_WIDTH -le 60 ]];then "$@" fn ;else fn  
;fi; };function pa2ste() { if [[ $_WIDTH -le 60 ]];then paste - ;else paste - - ;fi; };function pa3ste() { if [[ $_WIDTH -le 60 ]];then  
paste - - ;else paste - - - ;fi; };function pa4ste() { if [[ $_WIDTH -le 60 ]];then paste - - ;else paste - - - - ;fi; };function  
cutoff() { if [[ $_WIDTH -le 60 ]];then cut -c -60|sed 's/[ ]*[a-zA-Z0-9\\.]$/ /g';else cut -c -120;fi; };function cutend() { if [[  
$_WIDTH -le 60 ]];then cut -c -59;else cut -c -120;fi; };function shortd() { if [[ $_WIDTH -le 60 ]];then "$@"|sed -e 's:/:/ -e  
's: :g' -e 's:([^\.\.]{4})[^\.\.]{1,}([^\.\.])*/: \1/:g' -e 's:/:$(red)\:$(nocolor):g' -e 's:/:g';else "$@"|sed -e 's:/:/ -e  
's: :g' -e 's:([^\.\.]{4})[^\.\.]{1,}([^\.\.])*(^/)\([^\.\.]{3,6}\)*/: \1^\3/4/:g' -e 's:/:$(red)\:$(nocolor):g' -e  
's:/:g';fi; };function liner() { if [[ $_WIDTH -le 60 ]];then printf "${_WH}$(repeat 45 printf '-')\n${_WH}$(repeat 45 printf  
'-')";else printf "\n ${_RS}---$_RD$(repeat 77 printf '-')${_RS}---\n";fi; };function bliner() { if [[ $_WIDTH -le 60 ]];then printf  
"${_BL}$(repeat 45 printf '-')";else printf "\n ${_RS}---$_BL$(repeat 77 printf '-')${_RS}---\n";fi; };function gap() { if [[  
$_WIDTH -le 60 ]];then printf "$_LS${_RD}---$_RS$(repeat 39 printf '-')${_RD}---";else printf "";fi; };function blugap() { if [[  
$_WIDTH -le 60 ]];then printf "$_LS${_RS}---$_BL$(repeat 39 printf '-')${_RS}---";else printf "";fi; };function redgap() { if [[  
$_WIDTH -le 60 ]];then printf "$_LS${_RS}---$_RD$(repeat 39 printf '-')${_RS}---";else printf "";fi; };function erata() { printf "  
${_YL}INPUT${_RD}! \b${_WH}ERROR";sleep 1 ;printf "$_DEL";printf " ${_YL}SELECT${_WH}AGAIN";sleep 1 ;printf "$_DEL";  
};function answer() { unset ii ;while read -s -n 1 ii ;do ii=${ii^^};if [[ "$ii" = Y || "$ii" = N ]];then break;fi;erata;done; };function  
zanswer() { unset ff ;while read -s -n 1 ff ;do if [[ "$ff" = 1 || "$ff" = 0 ]];then break;fi;erata;done; };function yn() { notab  
printf " ${_RS}[${_GR}Y${_RS}] or ${_RS}[${_RD}N${_RS}]" ;etc;ask; };function oi() { notab printf " ${_RS}[${_GR}O${_RS}] or  
${_RS}[${_RD}1${_RS}]" ;etc;ask; };function print_yn() { case "$ii" in Y) _YN=" ${_RS}[${_GR}Y${_RS}]" ; N) _YN="  
${_RS}[${_RD}N${_RS}]" ;esac;echo -e "$_YN";sleep 0.5; };function print_oi() { case "$ff" in 0) _OI=" ${_RS}[${_GR}O${_RS}]" ; 1)  
_OI=" ${_RS}[${_RD}1${_RS}]" ;esac;echo -e "$_OI";sleep 0.5; };function notxt() { stty -echo; };function txt() { stty echo;  
};function icount() { wc -l 2>/dev/null < /tmp/tf.logrm.log;printf "$?"|tr -d '0'|tr '1' '0'; };function icounttmp() { wc -l  
2>/dev/null < /tmp/tf.count.log;printf "$?"|tr -d '0'|tr '1' '0'; };function izeo() { grep -o "[0-9\\.]*[GMKB]" /tmp/tf.size.log;  
};function dot() { notab printf "$(repeat ${tput cols}/6 printf ' ' ) .\n" && sleep 0 ; };function etc() { sleep 0.1 ;cutxt ' ';sleep  
0.1 ;cutxt " ";sleep 0.1 ;cutxt ' ';sleep 0.1 ; };function etcn() { sleep 0.1 ;cutxt ' ';sleep 0.1 ;cutxt ' ';sleep 0.1 ;cutxt ' ';sleep  
0.1 ;printf "\n"; };function etcnn() { sleep 0.1 ;cutxt ' ';sleep 0.1 ;cutxt ' ';sleep 0.1 ;cutxt ' ';sleep 0.1 ;printf "\n";cutxt "\n";  
};function ask() { printf '?'; };  
#-----
```

```
function xrem() { printf "${E%*}|${_XREM}"|tr '|' '\n'|grep '!'|sort -fu|tr '\n' '|' |sed 's:|$:|'; }  
function xkeep() { printf "${E%*}|${_XKEEP}"|tr '|' '\n'|grep '!'|sort -fu|tr '\n' '|' |sed 's:|$:|'; }  
function appname() { "$@"|sed -e 's:(Game):\1 Center:g' -e 's:(iOS):\1 Diagnostics:g'; }  
function xsub() { "$@"|sed -e 's:Game_*[a-zA-Z]*:Game:g' -e 's:Sports_[a-zA-Z]*:Sports:g'; }  
function updatxcpt() { grep -Ev '_XREM|_XKEEP' ${_LOGS}/rm.logxcept.log 2>/dev/null > /tmp/tf.xc1.log ;echo  
" _XREM|${xrem}"|grep -v '^_XREM|$'|sed 's:|$:|' >> /tmp/tf.xc1.log ;echo " _XKEEP|${xkeep}"|sed -e 's:(($echo  
"${_XREM}"|sed 's:|$:|')|):|grep -v '^_XKEEP|$'|sed 's:|$:|' |tr -s '|' >> /tmp/tf.xc1.log ;grep '!' /tmp/tf.xc1.log >  
${_LOGS}/rm.logxcept.log 2>/dev/null ; }  
#-----
```

```
function editlist() { cat /tmp/tf.${_TLOG}.log 2>/dev/null > /tmp/tf.${_TLOG}_2.log ; notab echo -ne "\n ${_WH}Do you want to ${_RD}EDIT${_WH} this list? ${_NL}${_RS}";etc;yn;answer;print_yn;if [[ "$ii" = N ]];then blank;printf "\033[1A\033[1A";elif [[ "$ii" = Y ]];then notab echo -ne "\n ${_RS}Enter ${_CY}number${_RS}(${_CY}${_BK}s${_RS})${_BK} ${_RS}separated by a ${_WH}single space ${_NL}${_RS}& hit [${_MG}ENTER${_RS}]${_YL}\n\n "; txt && read _XCEPT ;if [[ $_XCEPT = "" ]];then notab printf "\033[1A\033[1A\033[1A";blank;notab echo -ne " Nothing selected so list was not edited\n";else for A in $_XCEPT ;do A="$(echo $A|sed -e 's:\^0*::');while [[ $A = *[^:digit:]* || ! $(sed -n "${A}p" /tmp/tf.${_TLOG}.log 2>/dev/null) ]];do notab echo -ne "\n$(blank) ${_CY}${A} ${_RS}is not a valid selection number. ${_RD}RETYPE SELECTION${_RS}: ${_CY}";while read tt ;do tt="$(echo $tt|sed 's:\^0*::');if [[ $(sed -n "${tt}p" /tmp/tf.${_TLOG}.log 2>/dev/null) ]];then break;fi;notab echo -ne "\033[1A$(blank) ${_CY}${tt} ${_RS}is not a valid selection number. ${_RD}RETYPE SELECTION${_RS}: ${_CY}";done; _XCEPT="$(echo $_XCEPT|tr ' ' '\n'|sort -fu|sed "s:${A}:${tt}:"|tr '\n' ' '); A="$tt";done;done; _XP="$(echo $_XCEPT|sed -e 's/ /p;/g)"; echo;if [[ $_XP ]];then notab echo -e "$(sed -n "${_XP}p" /tmp/tf.${_TLOG}.log|sed -e 's,*,,,' -e 's:\.\\([a-zA-Z])\*:.' -e 's:\^0-9\*[\*:.'|tr [a-z] [A-Z]|uniq|sed -e 's:%: :g' -e 's:\^: $(white)REMOVING $(nocolor)from LIST\ : $(yellow):' -e 's:._:$(magenta):)";sleep 1 ; _CC="$(sed -n "${_XP}p" /tmp/tf.${_TLOG}_2.log)"; _XD="$(echo $_XCEPT|sed -e 's/ /d;/g)";sed "${_XD}d" /tmp/tf.${_TLOG}.log > /tmp/tf.${_TLOG}.tf.log ;mv /tmp/tf.${_TLOG}.tf.log /tmp/tf.${_TLOG}.log ; _EPRINT="YES";fi;fi;notxt;unset _TLOG ;unset _XP ; }
```

```
#-----  
function editname() { notab echo -ne "\n ${_WH}Do you want to ${_RD}EDIT${_WH} this list? ${_NL}${_RS}";etc;yn;answer;print_yn;if [[ "$ii" = N ]];then printf "\033[1A\033[1A";blank;elif [[ "$ii" = Y ]];then notab echo -ne " ${_RS}Enter ${_CY}selection${_RS}(${_CY}${_BK}s${_RS})${_BK}${_RS} to ${_WH}exclude${_RS} from ${_CY}Removal List${_NL} ${_RS}separated by a ${_WH}single space ${_RS}& hit [${_MG}ENTER${_RS}]${_YL}\n\n ";txt && read _XCEPT ;if [[ $_XCEPT = "" ]];then notab printf "\033[1A\033[1A\033[1A";blank;notab printf " Nothing selected so list was not edited\n";else for A in $_XCEPT ;do while [[ ! $(grep -Ei "/[a-zA-Z0-9]*${A}[a-zA-Z.~]" /tmp/tf.${_TLOG}.log 2>/dev/null) ]];do notab echo -ne "\n\n\033[1A$(blank) ${_CY}${A} ${_RS}is not a valid selection. ${_RD}RETYPE SELECTION${_RS}: ${_CY}";while read tt ;do if grep -qi "$tt" /tmp/tf.${_TLOG}.log ;then break;fi;echo -ne "\033[1A$(blank) ${_CY}${tt} ${_RS}is not a valid selection. ${_RD}RETYPE SELECTION${_RS}: ${_CY}";done; _XCEPT="$(echo $_XCEPT|tr ' ' '\n'|sort -fu|sed "s:${A}:${tt}:"); A="$tt";done;done; _X="$(echo $_XCEPT|tr ' ' '|)";notab echo -e "\n${_YL}$(grep -Eio "$_X" /tmp/tf.${_TLOG}.log|sed -e 's,*,,,' -e 's:\.\\([a-zA-Z])\*:.'|tr [a-z] [A-Z]|uniq|sed -e 's:%: :g' -e 's:\^: $(white)REMOVING $(nocolor)From LIST $(yellow):' -e 's:._:$(magenta):)";sleep 1 ;grep -Eiv "$(printf ${_X})|sed -e 's:(\<Nike\>)\:|1|Victoria:!' -e 's:(\<AdSheet\>)\:|1|iAd:I!)" /tmp/tf.${_TLOG}.log > /tmp/tf.${_TLOG}.tf.log ;mv /tmp/tf.${_TLOG}.tf.log /tmp/tf.${_TLOG}.log ; _EPRINT="YES";fi;fi;notxt;unset _TLOG ; }
```

```
#-----  
function editprint() { if [[ "$_EPRINT" == "YES" ]];then if [[ ! "$(echo $_PRINT|grep [a-z])" ]];then notab echo -ne "\n $(red)The list is now empty$(nocolor) " ;etcn;else notab echo -e "\n ${_RD}Updated list${_RS}:\n" && echo -e "${_PRINT}";fi;sleep 0.5 ;unset _EPRINT ;unset _PRINT ;else unset _EPRINT ;unset _PRINT ;fi ; }
```

```
#-----  
function logxlang() { if [[ $_CC ]];then echo $_LCODES|sed -e 's:%:\n:g'|grep -Eiw "$(echo $_CC|tr ' ' '|)'"|sed 's:%: :g' > /tmp/tf.x1.log ;grep "_X${_XCPT}" ${_LOGS}/rm.logxcept.log 2>/dev/null|sed -e 's:\.\\([A-Z])\:\n\n1:g'|grep -v "_X${_XCPT}" >> /tmp/tf.x1.log;sort -fu /tmp/tf.x1.log|tr '\n' '|'|sed -e 's:\^:_X${_XCPT}:" -e 's:|$::' > /tmp/tf.x2.log ;grep -v "\^_X${_XCPT}" ${_LOGS}/rm.logxcept.log 2>/dev/null|sed 's:\^:\n:' >> /tmp/tf.x2.log ;grep '!' /tmp/tf.x2.log > ${_LOGS}/rm.logxcept.log && rm -f /tmp/tf.x*.log ;unset _CC ;fi ; }
```

```
#-----  
function logxlist() { if [[ $_CC ]];then echo "$_CC"|sed 's:./: :g' > /tmp/tf.x1.log ;grep "_X${_XCPT}" ${_LOGS}/rm.logxcept.log 2>/dev/null|tr '!' '\n'|sed "s:\^:_X${_XCPT}:"|grep '!' >> /tmp/tf.x1.log ;sort -fu /tmp/tf.x1.log|tr '\n' '|'|sed -e 's:\^:_X${_XCPT}:" -e 's:|$::' > /tmp/tf.x2.log ;grep -v "\^_X${_XCPT}" ${_LOGS}/rm.logxcept.log 2>/dev/null|sed 's:\^:\n:' >> /tmp/tf.x2.log ;grep '!' /tmp/tf.x2.log > ${_LOGS}/rm.logxcept.log && rm -f /tmp/tf.x*.log ;unset _CC ;fi ; }
```

```
#-----  
_NAVOD="${_RS} ---${_RD}${_4LINE}${_WH}INSTRUCTIONS${_RD}${_4LINE}\b${_RS}---$(liner)${_YL}\n iDevice Theming, the non-WinterBoard method\n ${_RS}Create Icon Source-folder '${_RD}iconography${_RS}' in ${_NL}${_CY}/private/var/mobile/Media/Downloads${_RS}\n Inside, create ${_WH}4 subfolders ${_RS}mirroring UI icon${_NL}'relative' destinations\n Name subfolders to match the basename of ${_NL}destination directories${_RS} as follows:$(bliner)$(gap)\n ${_RD}iconography${_RS}/${_WH}Stash_ ${_RS}${_AY} ${_NL}mirrors ${_MG}/private/var/stash/Applications\t${_RS}${_NL}${_CY}root${_RS}:${_CY}admin${_RS}${_NL}$(redgap)\n ${_RD}iconography${_RS}/${_WH}Mobile_ ${_RS}${_AY} ${_NL}mirrors ${_MG}/private/var/mobile/Applications\t${_RS}${_NL}${_CY}mob°${_RS}:${_CY}mobile${_RS}${_NL}$(redgap)\n ${_RD}iconography${_RS}/${_WH}System_ ${_RS}${_AY} ${_NL}mirrors ${_MG}/System/Library\t\t\t${_RS}${_NL}${_CY}root${_RS}:${_CY}wheel${_RS}${_NL}$(redgap)\n ${_RD}iconography${_RS}/${_WH}Library_ ${_RS}${_AY} ${_NL}mirrors ${_MG}/Library\t\t\t\t\t${_RS}${_NL}${_CY}root${_RS}:${_CY}wheel${_RS}${_NL}$(bliner)\n ${_RS}Re-map them recursively to match destination${_NL} directory-tree, ${_MG}including subfolders${_NL}$(gap)\n ${_RS}e.g In ${_WH}${_AR}Stash_${_RS} (will sync to ${_MG}/private/var${_NL}/stash/Applications${_RS} as per above) upload\n Icons for each application to customize,${_NL} i.e '${_WH}iExample1${_BL}.app${_RS}', into a folder\n With same/matching basename e.${_BK}g '${_WH}${_AC}iExample1${_RS}' or${_NL} ${_CY}iBlacklist${_RS} or ${_CY}iFile${_RS} or ${_CY}iMobileSafari${_RS}${_NL}$(gap)\n ${_YL}Note: ${_MG}LEAVE OUT${_YL} all directory suffixes ${_RS}i.e ${_NL}Remove '${_RD}.app${_RS}' & '${_RD}.bundle${_RS}' & '${_RD}.framework${_RS}'${_NL}$(gap)\n In ${_WH}${_AR}Mobile_ ${_RS}copy icons into folders named for${_NL} any ${_WH}AppStore${_BL}.app${_RS} selected for theming;${_NL}$(gap)\n In ${_WH}${_AR}Library_ ${_RS}customize ${_CY}PreferenceLoader${_RS}, ${_NL}${_CY}Activator${_RS}, ${_CY}PreferenceBundles${_RS}, ${_CY}ActionMenu${_RS};${_NL}$(gap)\n ${_RS}In ${_WH}${_AR}System_ ${_RS}customize SpringBoard UI images in${_NL} ${_CY}CoreServices${_BL}/${_CY}SpringBoard${_BL}.app${_RS}\n & Many others in ${_CY}PreferenceBundles${_RS},
```



```

${_CY}${_NL}Frameworks${_RS}, ${_BK}${_CY}WeeAppPlugins${_RS}, ${_CY}PrivateFrameworks${_RS}${_NL}$(gap);\n The
script will sync all your icons to their proper destination on condition that:${_NL}$(gap)\n ${_RD}A/${_RS}They
${_WH}ALSO$(repeat 5 echo -ne ${_BK}) EXIST${_RS} in destination ${_MG}folder${_CY}/${_MG}subfolder\t${_NL}${_RS}.i.e
${_BL}${_AC}No new files created${_NL}$(gap)\n ${_RD}B/${_RS}They have ${_WH}DIFFERENT${_MG} Modification Date
${_BK}${_CY}& ${_BK}${_MG}Size \t${_NL}${_RS}.i.e ${_BL}${_AC}No repeat sync${_NL}$(gap)\n ${_RS}Application updates
change all modification ${_NL}dates; icons are then re-synced${_NL}$(gap)\n ${_YL}This makes it possible to manually
theme ${_NL}iDevice ${_CY}easily ${_YL}and ${_CY}without ${_YL}WinterBoard\n ${_YL}${_AC}Getting rid of WinterBoard can
speed up ${_NL}iDevices performance noticeably$(liner)\n ${_RS}---${_RD}${_4LINE}$(repeat 7 printf
"\b")${_RS}HIT${_RD}-${_WH}ENTER${_RD}-${_RS}TO${_RD}-${_RS}CONTINUE${_RD}${_4LINE}$(repeat 3 printf
"\b")${_RS}---$(liner)\n"
#-----
function sfix { notab echo -e "\n ${_MG}+${_RS})${_BL}png${_RS} ${_NL}
${_MG}#${_RS})${_BL}jpg${_RS}-${_BL}gif${_RS}-${_BL}tiff${_RS}-${_BL}psd${_RS} ${_NL}
${_MG}*${_RS})${_BL}plist${_RS}-${_BL}strings${_RS}-${_BL}nib${_RS} ${_NL} ${_MG}~${_RS})${_BL}~iphone${_RS} ${_NL}
${_CY}i5™${_RS})${_BL}568h${_RS}"; }
function bname() { "$@"|sed -e 's:%::' -e 's:ipod.:ipod-' -e 's: :g' -e 's:\([-_].*\)\(Pro\)\.app:.app:' -e
's:\(com\.|libactivator\.|erence\.|\.webplugin\|rame\|uration\|tachmen\|sista\|istration\|ting\|ervi\|ication\|Plus\|
Universal\|(\.\.)*Toggle\|(\.\.)*Bundle\|.iPhone\|-\.\{4\}\-\.\{4\}\-\.\{4\}\-\.\{12\}\):gl' -e
's:\([-_].*)\([-_].*)..*(\:\|1\|2\|3:' -e 's/\(\{10\}\)..*(\.\.\.\)\(\.\.\.\)*\)/1\^2\3/' ; }
function shortpath() { "$@"|sed -e 's:^.*::' -e 's:.iphone\.png::~' -e 's:\.(gl\)*png::+' -e "s:\.(jpg|gif|psd|tiff):%#:" -e
"s:\.(plist|nib|strings):%*:" -e "s:\.(html|css|xml):%A:" -e 's:\-568h\(@2x\)*::' -e 's/\(\{13\}\)..*(\.\.\.\)\|1\^2\|/sort
-f|awk -F '%' '{printf "\033[34m%05d\033[35m%.1s\033[0m%-18.18s\n",NR,$2,$1;}'|sed -e 's/\[34m..\/\[34m/' -e
"s:=-$(cyan)i5™:g"|pa2ste|noindent sed 's/^/ /'; }
#-----
function exitxt() { txt;exit; };find /tmp/ -iname rm* |& while read bb;do cat "$bb" >> ${_LOGS}/log.previous.log ;rm -f
"$bb";done;cleanup;clear
#----- Error if not logged in as 'root' -----
[ $(id -u) != 0 ] && exec echo -e "${_RD}\n\n\n ***** ${_WH}sorry${_RD} ****${_WH} you are not 'root' ${_RD}*****
${_WH}exit${_RD} *****\n\n\n${_RS}" && exitxt
#-----
##### REMOVE EXTRA #####
#-----
liner ; cleanup
notab echo -ne "\n ${_RD}Remove unused ${_WH}Language Packs ${_RS}"; etc ; yn ; answer ; print_yn
if [[ "$ii" = Y ]] ; then
notab echo -e "\033[1A ${_CY}Language Packs ${_RS}allow the user to ${_WH}interface ${_RS}with ${_MG}System${_RS} &
${_MG}Applications${_RS}\n In the ${_WH}language${_RS} of their ${_WH}choice${_RS}; usually only 1 language is ever
used${_WH}\n Max 2 ${_RS}if the iDevice's language is set to ${_WH}anything${_RS} other than ${_WH}English${_RS}\n Since
${_WH}English${_RS} is still ${_WH}required${_RS} by the ${_WH}system ${_RS}& ${_RD}must never be removed\n${_RS} This
means there can be ${_WH}thousands${_RS} of unused langpacks in your iDevice\n ${_MG}Dead weight${_RS} which
${_WH}slows ${_RS}down system processes ${_RS}& only ${_WH}fills ${_RS}disk ${_WH}space\n"
if grep -q '^_XLPACK' ${_LOGS}/rm.logxcept.log 2>/dev/null ; then
notab echo -ne " ${_CY}A ${_WH}Langpack exceptions ${_CY}list was found on yr iDevice ${_RS}"; etcn
notab echo -e "\n ${_RS}Preserving all [${_WH}$(grep '^_XLPACK' ${_LOGS}/rm.logxcept.log | sed -e 's:_XLPACK|:.' | tr '|' '\n'
| grep '[A-Z]' | tr '\n' '&' | sed -e 's:\&:$(nocolor)\.'" -e 's:\&:$(nocolor)\| \& \[$(white):g)${_RS} as well as
[ ${_WH}English${_RS} ] language packs\n" ; fi
_XLPACK="$(grep '^_XLPACK' ${_LOGS}/rm.logxcept.log 2>/dev/null | sed -e 's:_XLPACK|:.' -e 's:\([a-z]\)\(\|\):1\.\lproj\2:g'
-e 's:0:[:-]:g)"
notab echo -ne " ${_RD}Searching for ${_WH}Language Packs${_RD} on entire iDevice ${_RS}"; etcnn
find $Path -name *.lproj -type d | grep -Eiv "English|en\.\lproj|en.US" | grep -Ewv "${_XLPACK}\.\lproj" | tee
/tmp/tf.logrm.log | xargs -0 -d '\n' du -cbh | tail -1 > /tmp/tf.size.log
cat /tmp/tf.logrm.log | sed -e 's:.,*/,' -e 's/\.\lproj//' | sort -fu > /tmp/tf.lcodes.log
echo $_LCODES | sed 's:%:\n:g' | grep -Eiw "${_CY}$(cat /tmp/tf.lcodes.log | sed -e
's:\(en\|fr\|de\|es\)\(\([-_])\)\([a-zA-Z0-9]*\):\2\3:g' -e 's:\([a-zA-Z]\)\2\3[-_]\).*:1:g' -e 's:[:-]:0:g' -e 's:^:\<:' -e 's:$:\>:'
| uniq) | awk -F '|' '{printf "%s\n",$1}' > /tmp/tf.lang.log
if [ -s /tmp/tf.logrm.log ] ; then
function itemize() { "$@" | awk '{printf "\033[36m%02d\033[0m%-10.10s\n",NR,$1}' | paste - - - | sed 's:^: :'; }
itemize cat /tmp/tf.lang.log
if ! grep -q '^_XLPACK' ${_LOGS}/rm.logxcept.log 2>/dev/null ; then _TLOG="lang"
editlist ; _PRINT=$(itemize cat /tmp/tf.lang.log) ; editprint ; _XCPT="LPACK" ; logxlang
grep -Ei "${_CY}$(echo $_LCODES | sed -e 's:%:\n:g' | grep -Ei "${_CY}$(cat /tmp/tf.lang.log 2>/dev/null)") /tmp/tf.lcodes.log >
/tmp/tf.lcodes2.log ; cat /tmp/tf.lcodes2.log > /tmp/tf.lcodes.log ; fi
_EDIT=$(cat /tmp/tf.lcodes.log | tr '\n' '|' | sed 's:|: :')
grep -Ei "${_EDIT}\.\lproj$" /tmp/tf.logrm.log | tee /tmp/rm.lproj.log | xargs -0 -d '\n' du -cbh | tail -1 > /tmp/tf.size.log
notab echo -e "\n ${_RD}Actual languages to remove [${_WH}$(wc -l < /tmp/tf.lang.log)${_RD}]"
notab echo -e "\n ${_MG}Unique language codes [${_WH}$(wc -l < /tmp/tf.lcodes.log)${_MG}]"
notab echo -e "\n ${_CY}Total ${_WH}Language Packs${_CY} to remove from iDevice [${_WH}$(icount)${_CY}] for
[ ${_WH}$(isize)${_CY}]"

```

```

else notab echo -ne " ${_RS}Found no ${_WH}Language Packs${_RS} to remove " ; etcn ; fi
#-----
#----- Remove ID.Bundle unused language plists (SMS Delivery) -----
#-----
_XID="$(grep '^_XLPACK' ${_LOGS}/rm.logxcept.log 2>/dev/null | tr '|' '\n' | grep -Ev '[A-Z][a-z]{3}' | sed -e 's:0:[_]:' -e 's:[a-z]\):\1\\.plist:' | tr '\n' '|')
find "/Library/Application Support/ID.bundle" -iname '*.plist' 2>/dev/null | grep -Ev "${_XID}en\\.plist" | grep -v 'deliveryreports' > /tmp/tf.logid.log
if [ -s /tmp/tf.logid.log ] ; then bliner ; cat /tmp/tf.logid.log >> /tmp/rm.extra.log
notab echo -ne "\n ${_RD}Found ${_RS}&${_RD} Logged [${_RS}$(wc -l < /tmp/tf.logid.log | sed -e "s:$(red)\$ (nocolor)language plists:" -e '/^\<[\>\<1\>\<]\>/s/plists/plist/)"${_RD} in
${_MG}Library${_RD}:${_MG}App°Support${_RD}:${_MG}ID.bundle\n" ; fi
#-----
#----- Remove 3 Japanese dictionaries if not used -----
#-----
if grep -q 'Japanese' /tmp/tf.lang.log ; then
find /Library/Dictionaries/ -type d -name 'Shogakukan*' 2>/dev/null > /tmp/tf.logdict.log
if [ -s /tmp/tf.logdict.log ] ; then cat /tmp/tf.logdict.log >> /tmp/rm.extra.log ; bliner
notab echo -ne "\n ${_WH}Found ${_RS}&${_WH} logged [${_RD}$(wc -l < /tmp/tf.logdict.log | sed -e "s:$(white)\$ (nocolor)Japanese$(white) dictionaries:" -e '/^\<[\>\<1\>\<]\>/s/aries/ary/)" in
${_MG}Library${_RD}:${_MG}Dictionaries\n" ; fi ; fi ; fi
#-----
#----- Look for Miscellaneous junk or skip ahead? -----
#-----
linr ; notab echo -ne "\n ${_RD}Remove ${_WH}miscellaneous junk ${_RS}" ; etc ; yn ; answer ; print_yn ; if [[ "$ii" = Y ]] ;
then
#-----
#----- Remove *fw[3456]* files not needed by your firmware -----
#-----
cleanup ; if [ ! -e ${_LOGS}/rm.settings.log ] ; then linr
notab echo -ne "\n ${_WH}Select iDevice ${_CY}Firmware${_RS}: ${_MG}iOS version ${_NL}${_WH}[$_YL]3${_WH}$_RS or
${_WH}[$_CY]4${_WH}$_RS or ${_WH}[$_MG]5${_WH}$_RS or ${_WH}[$_RD]6${_WH}$_RS" ; etc ; ask ; while read -s -n
1 fw ; do
echo -e " ${_RD}[$_RS]FW${_WH}${fw}${_RD}$_RS"
if [[ "$fw" = 3 || "$fw" = 4 || "$fw" = 5 || "$fw" = 6 ]] ; then echo FW$fw >> ${_LOGS}/rm.settings.log ; break ; fi ; erata ;
done ; fi
_FW="$(grep -o 'FW[0-9]' ${_LOGS}/rm.settings.log | uniq)"
find $Path -iname '*fw[0-9]*' | grep -iv "${_FW}" > /tmp/tf.logrm.log
if [ -s /tmp/tf.logrm.log ] ; then bliner
notab echo -e "\n ${_WH}Found ${_RS}&${_WH} logged [${_RD}$(icount)${_WH} unused ${_CY}$(echo 'FW2 FW3 FW4 FW5
FW6' | sed -e "s: ${_FW}::" -e "s: : $(nocolor)- $(cyan):g)" ${_WH}other${_RS}-${_WH}firmware${_RS}-${_WH}specific files" | sed
'/[^\>0-9]1[^\>0-9]/s/files/file/' ; cat /tmp/tf.logrm.log >> /tmp/rm.extra.log ; fi
#-----
#----- Remove all Mobile.app 'Library.bak' & 'Documents.bak' created when restoring app-data with Chronus -----
#-----
cleanup ; find ${_MOBAPP} \( -name 'Library.bak' -o -name 'Documents.bak' \) > /tmp/tf.logrm.log
if [ -s /tmp/tf.logrm.log ] ; then bliner
notab echo -e "\n ${_WH}Removed [${_RD}$(icount)${_WH} empty mobile${_RS}-${_WH}app data folders
'${_CY}Document${_RS}.bak${_WH}' ${_WH}&'${_CY}Library${_RS}.bak${_WH}'\n ${_RS}Orphaned after restoring personal
${_CY}mobile-app-data${_RS} with backup app ${_MG}Chronus" ; cat /tmp/tf.logrm.log >> /tmp/rm.extra.log ; fi
#-----
#----- Check if SetupAssistant LaunchDaemon is disabled, in which case remove Setup.app & Bundles -----
#-----
if [ ! -e "${_SYSLIB}/LaunchDaemons/com.apple.SpringBoard.SetupHelper.plist" ] ; then
rm -fr ${_STAPPS}/Setup.app 2>/dev/null ; rm -fr ${_SYSLIB}/SetupAssistantBundles 2>/dev/null ; fi
#-----
#----- Find & remove AppStore app 'iTuneMetada.plist' files ((( installed w/Apps to track App use ))) -----
#-----
bliner ; cleanup ; notab echo -ne "\n ${_RD}Search for ${_WH}iTunesMetadata${_RD} property lists ${_RS}" ; etc ; yn ; answer ;
print_yn
if [[ "$ii" = Y ]] ; then
notab printf "\033[1A ${_WH}Apple Store ${_CY}tracks applications-use ${_RS}via the ${_WH}iTuneMetadata ${_CY}plist
${_RS}\n Removing Metadata stops app-tracking without limiting functions\n ${_MG}Except
${_WH}in${_RS}-${_WH}App${_RS}-${_WH}Purchase ${_RS}hacks: ${_MG}some ${_WH}do require${_RS} the metadata info\n"
if grep -q '^_XMETA' ${_LOGS}/rm.logxcept.log 2>/dev/null ; then
notab echo -ne "\n ${_CY}An iTunesMetadata ${_WH}exceptions list${_CY} was found on yr iDevice ${_RS}::\n\n"
notab echo -ne " ${_RS}[$_GR]0${_RS}$_WH}RE${_RS}-${_WH}USE EXCEPTIONS LIST ${_BL}or\n
${_RS}[$_RD]1${_RS}$_WH}DELETE ${_RS}&${_WH} MAKE NEW LIST ${_RS}......" ; etc ; oi ; zanswer ; print_oi

```



```

#-----
cleanup ; _MERC='Christmas|ColorLine|LightWood|DarkBlue|Horse|Red*SUV|Silver|Ugly|Wood|Yakuza'
if [[ ${_MOBAPP} */Mercury3.app ]] ; then
find ${_MOBAPP} */Mercury3.app 2>/dev/null | grep -E "${_MERC}" > /tmp/tf.logrm.log
if [ -s /tmp/tf.logrm.log ] ; then bliner
notab echo -ne "\n ${_CY}The app ${_WH}Mercury Browser${_CY} has hundreds of these images which can be removed
${_RS}" ; etcn ; for E in $(echo $_MERC | tr '|' ' '); do
notab echo -ne "\n ${_RS}Found [$_RD]$(grep -E "${E}" /tmp/tf.logrm.log | wc -l | awk '{printf "%04d",$1}' | sed -e
"s:.$(nocolor)\} UI images:" -e '/^\<[\>\<1\>\<1\>\<1\>\>/s/s$//') in Theme ${_CY}E${_RS}" | tr -d '*'
sleep 0.5 ; done
notab echo -ne "\n\n ${_WH}Remove [$_RD]$(icount | awk '{printf "%04d",$1}' | sed -e "s:.$(white)\} theme images:" -e
'/^\<[\>\<1\>\<1\>\<1\>\>/s/s$//') from ${_CY}Mercury3${_RS}.app " ; etc ; yn ; answer ; print_yn
if [[ $ii = "Y" ]] ; then cat /tmp/tf.logrm.log >> /tmp/rm.extra.log ; fi ; fi ; fi
#-----
#----- Remove over-large Retina images if smaller non-Retina image also exists -----
#-----
linar ; cleanup ; notab echo -ne "\n [$_RD]Remove very large ${_WH}Retina™ [$_RD]images [$_RS]" ; etc ; yn ; answer ;
print_yn
if [[ "$ii" = Y ]] ; then
notab printf "\033[1A [$_RS]Set [$_CY]MAX[$_RS] size for [$_CY]Retina™ [$_RS]images :: recommend
[$_WH]300[$_RS]-[$_WH]400kb \n [$_RS]As long as the smaller [$_CY]non-[$_CY]Retina™ [$_RS]version [$_YL]ALSO[$_RS]
exists\n The [$_WH]larger[$_RS] [$_CY]Retina™[$_RS] image is [$_RD]removed[$_RS] to save disk space\n\n
[$_RD]ENTER[$_RS] [$_YL]3[$_RS]-[$_WH]digit [$_MG]MAXIMUM SIZE[$_RS] in [$_WH]KB[$_RS] [$_BL]or
[$_RS][$_CY]RETURN[$_RS] to CANCEL .:" ; while read -s -n3 _SIZEKB ; do if [[ $_SIZEKB = "" ]] ; then printf "[$_RD]
CANCELLED\n"
break ; elif [[ "$_SIZEKB" == [0-9][0-9][0-9] ]] ; then printf "[$_RD] [$_SIZEKB]KB\n" ; break ; fi ; erata ; done
if [[ $_SIZEKB ]] ; then find ${_MOBILE}/Applications/ -name '*@2x*' -type f -size +[$_SIZEKB]k 2>/dev/null | grep -E
'\.png|\.jpg|\.gif|\.tif|\.tiff' |& while read _SIZED ; do if [[ -e $(echo "$_SIZED" | sed 's:@2x::') ]] ; then echo "$_SIZED" >>
/tmp/tf.logrm.log | xargs -0 -d '\n' du -cbh 2>/dev/null | tail -1 > /tmp/tf.size.log ; fi ; done
if [ -s /tmp/tf.logrm.log ] ; then
notab echo -ne "\n [$_WH]Found [$_RD]$(icount)[$_WH] [$_CY]Retina™[$_WH] images" | sed '/^[^0-9]1^[^0-9]/s/ges/ge/' ;
echo -ne " over [$_CY][$_SIZEKB]kb [$_WH]for a total of [$_RD]$(isize)[$_WH] [$_RS] \n\n [$_RS][$_GR]0[$_RS][$_WH]Keep
[$_RS]or [$_RD]1[$_RS][$_WH]Remove [$_RS]" ; etc ; oi ; zanswer ; print_oi
if [[ "$fff" = 1 ]] ; then while read -r _LINE ; do rm -f "$_LINE" ; done < /tmp/tf.logrm.log
notab echo -ne "\n [$_WH]Removed [$_RD]$(icount | sed -e "s:.$(white)\}$(cyan) Retina™$(white) images:" -e
'/^\<[\>\<1\>\<1\>\<1\>\>/s/s$//') for [$_RD]$(isize)[$_WH] from iDevice[$_RS]" ; etcn ; fi ; else
notab echo -ne "\n [$_RS]Found [$_RD]no[$_RS] excessively large [$_CY]Retina™[$_RS] images " ; etcn ; fi ; fi ; fi
#-----
#----- Caches cleanup -----
#-----
linar ; cleanup ; notab echo -ne "\n [$_RD]Clean up [$_WH]Caches [$_RS]" ; etc ; yn ; answer ; print_yn
if [[ "$ii" = Y ]] ; then
notab echo -e "\033[1A$(blank) [$_RD]Cleaning up all [$_WH]Caches [$_RS]&[$_WH] Admob[$_RD] folders on iDevice"
find ${_MOBILE}/Library/Caches/ -name *Linen* | tee -a /tmp/tf.logrm.log | xargs -0 -l -d '\n' rm -f
find "${_MOBILE}/Library/Application Support" -type d | grep 'Mobclix' | tee -a /tmp/tf.logrm.log | xargs -0 -d '\n' rm -rf
2>/dev/null
_CACHES="
${_PRIVAR}/root/Library/Caches/com.saurik.Cydia/SDURLCache
${_PRIVAR}/root/Library/Caches/Snapshots
${_PRIVAR}/root/Library/Caches/com.apple.keyboards/images
${_MOBILE}/Library/Caches/admob
${_MOBILE}/Library/Caches/com.apple.AppStore
${_MOBILE}/Library/Caches/com.apple.IconsCache
${_MOBILE}/Library/Caches/com.apple.springboard.sharedimagecache/Persistent
${_MOBILE}/Library/Caches/com.apple.itunesstored
${_MOBILE}/Library/Caches/Safari/Thumbnails
${_MOBILE}/Library/Caches/Snapshots
${_MOBILE}/Library/Caches/www.gstatic.com
${_MOBILE}/Documents/admob
${_MOBAPP} */Library/Caches/
/Library/Caches"
for E in $_CACHES ; do
find "$E" -type f 2>/dev/null | tee -a /tmp/tf.logrm.log | xargs -0 -l -d '\n' rm -f ; done
notab echo -ne "\n [$_WH]Removed [$_RD]$(icount | sed -e "s:.$(white)\} cached images:" -e
'/^\<[\>\<1\>\<1\>\<1\>\>/s/ages$/age/') [$_RS]&[$_WH] other trash from iDevice [$_RS]" ; etcn ; fi
#-----
##### REMOVE FACEBOOK TWITTER + OTHER BUNDLES #####
#-----

```



```
liner ; cleanup ; notab echo -ne "\n ${_RD}Remove ${_WH}Social Networking ${_RD}bundles ${_RS}" ; etc ; yn ; answer ;
print_yn
if [[ "$ii" = Y ]] ; then
_TWITTER="$ (grep '^_XREM' ${_LOGS}/rm.logxcept.log 2>/dev/null | grep -o 'Twitter')
_SOCIAL='Facebook|FBDialog|FBConnect|FacebookSDK Twitter Three20 Prime31'
_SOCREM="$ (echo $_SOCIAL | sed -e 's: |:g')
_XREM="$ (grep '^_XREM' ${_LOGS}/rm.logxcept.log 2>/dev/null | sed 's:_XREM|:::')
_XKEEP="$ (grep '^_XKEEP' ${_LOGS}/rm.logxcept.log 2>/dev/null | sed 's: ^_XKEEP|:::')
find $Path \ ( -name '*_bundles*' -o -name '*_framework*' -o -name '*_nib' -o -name '*_sqlite' \ ) | grep -E "$(echo $_SOCIAL |
sed 's: |:g') | egrep -iv 'Iconography|dpkg|Cache' > /tmp/tf.social.log
if [ -s /tmp/tf.social.log ] ; then
notab echo -e "\033[1A ${_RD}Select ${_WH}Social Networking ${_RD}bundles to mark for removal ${_RS}:: "
for E in $_SOCIAL ; do
if [[ $(echo $_XKEEP | grep -Eo "${E%[*]}") ]] ; then
notab printf "\n ${_CY}Found '${_WH}${E%[*]}'${_CY}' on the ${_WH}Protected${_CY} list" ; sleep 3
notab printf "\r ${_MG}Remove protected status ${_WH}&${_MG} find ${_WH}${E%[*]} ${_MG}bundles ${_RS}" ; etc ; yn
answer ; print_yn ; sleep 0.5 ; if [[ "$ii" = Y ]] ; then blank ; _XKEEP="$ (printf "$_XKEEP" | tr '|' '\n' | grep -v "${E}" | sort -fu |
tr '\n' '|' | sed 's:|:~')
updatxcpt ; ii="Y" ; fi ; elif [[ $(echo $_XREM | grep -Eo "${E%[*]}") ]] ; then
notab printf "\n ${_MG}Already marked '${_RS}${E%[*]}'${_MG}' for removal ${_RS}" ; etcn ; sleep 1 ; blank ; bottom ; ii="Y"
else notab echo -ne "\n ${_RS}Remove '${_RD}${E%[*]}'${_RS}'\t (repeat 6 printf '\b') bundles " ; etc ; yn ; answer ; print_yn ;
fi
if [[ "$ii" = N ]] ; then notab echo -e "\033[1A$(blank) ${_YL}Skipping ${_WH}${E%[*]}'\t (repeat 6 printf '\b')${_YL} bundles"
_XKEEP="$ (xkeep)" ; updatxcpt ; elif [[ "$ii" = Y ]] ; then
_XREM="$ (xrem)" ; updatxcpt ; cat /tmp/tf.social.log 2>/dev/null | grep -Ew "${E}" > /tmp/tf.logrm.log
if [ -s /tmp/tf.logrm.log ] ; then
notab echo -e "\033[1A$(blank) ${_CY}Found ${_RS}&${_CY} logged [ ${_WH}$(icount | sed -e 's: :$(cyan) $(white)${E%[*]}'
$(cyan)bundles:" -e '/^<[><1>><1>><1>><1>></s/bundles/bundle/)'
cat /tmp/tf.logrm.log >> /tmp/rm.social.log ; else
notab printf "\033[1A$(blank) ${_BL}Found no ${_RS}${E%[*]}'\t (repeat 6 printf '\b')${_BL} bundles\n" ; fi ; fi ; done ; else
notab echo -e "\n ${_BL}Found no ${_RS}Social Networking ${_BL}bundles" ; fi ; fi
#-----
##### REMOVE NON-RETINA IMAGES - FOR 4G & 4Gs DEVICES ONLY #####
#-----
liner ; cleanup ; notab echo -ne "\n ${_RD}Remove ${_WH}non${_RS}-${_WH}Retina™${_RD} images ${_RS}" ; etc ; yn ; answer
; print_yn
if [[ "$ii" = Y ]] ; then
notab printf "\033[1A$(blank) ${_RS}If your iDevice is 4G or newer then ${_CY}it has a Retina™ hi-res display\n ${_RS}Often
apps come bundled w/both ${_RD}Retina™ ${_RS}&${_RD} non-Retina™ ${_RS}image versions\n ${_RS}To make them
compatible with either older & newer iDevices; however\n This means that many duplicate images are eating up your disk
space\n 4G+ iDevices can safely remove ${_RD}non-Retina™${_RS} image versions, provided\n The ${_MG}Retina™
${_RS}version also exists " ; etcn
notab echo -ne "\n ${_WH}Searching for ${_RD}non-Retina™ ${_WH}images ${_NL}with ${_MG}Retina™ ${_WH}counterparts
${_RS}" ; etcn ; bliner
find $Path \ ( -iname '*.png' -o -iname '*.jpg' \ ) -type f | grep -Ev
'Iconography|Caches|Trash|TimeCapsule|tmp|iFile.app/Icon-Small' | sed 's:@2x:~' | uniq -d | tee -a /tmp/rm.regular.log |
xargs -0 -d '\n' du -cbh 2>/dev/null | tail -1 > /tmp/tf.size.log
cat /tmp/rm.regular.log | sed 's:(.*)/:\1%:' | tee -a /tmp/tf.logrm.log | sed 's,[^%]*$,,' | uniq |&
while read_iDIR ; do
notab echo -ne "\n ${_RD}Found [ ${_WH}$(grep -c "${_iDIR}" /tmp/tf.logrm.log | awk '{printf "%04d", $0}' | sed -e
"s: s:$(red)\ ] non-Retina™ images:" -e '/0001/s/mages/mage/' ) in [ ${_NL}$(dirname "${_iDIR}" | sed -e 's: ^/:~' -e 's:%$::~' -e
's: :~g' -e 's:/\(\.\.\)\{3\}\}:/%$%\1:' | awk 'BEGIN { RS = "/" } ; { printf "\033[37m%.4s\033[31m:.", $0}' | sed
's:%$::~) [ ${_WH}$(bname basename "${_iDIR}")${_RD}]\n' | tee -a /tmp/tf.regular.log ; echo >> /tmp/tf.regular.log ; shortpath
grep "${_iDIR}" /tmp/tf.logrm.log >> /tmp/tf.regular.log ; done
if [ [ -s /tmp/tf.logrm.log ] ] ; then echo "(bliner)$(sfix)$(bliner)" >> /tmp/tf.regular.log
notab echo -e "\n ${_WH}System${_RS}-${_WH}wide total ${_MG}non-Retina™${_WH} images that have ${_RD}Retina™${_WH}
counterparts [ ${_RD}$(icount)${_WH}] for [ ${_RD}$(isize)${_WH}]"
notab echo -ne "\n ${_RS}List all [ ${_WH}non${_RS}-${_WH}Retina™${_RS} images with [ ${_WH}Retina™
${_RS}counterparts${_RS}" ; etc ; yn ; answer ; print_yn ; if [[ "$ii" = Y ]] ; then cat /tmp/tf.regular.log ; fi
else notab echo -ne "\n ${_RS}Found no trashable [ ${_MG}non-Retina™${_RS} images " ; etcn ; fi ; fi
#-----
##### REMOVE RETINA IMAGES - FOR 2G, 3G & 3Gs DEVICES ONLY #####
#-----
liner ; cleanup ; notab echo -ne "\n ${_RD}Remove all [ ${_WH}Retina™${_RD} images [ ${_RS}" ; etc ; yn ; answer ; print_yn
if [[ "$ii" = Y ]] ; then
notab printf "\033[1A$(blank) ${_RS}If your iDevice isn't 4G or newer ${_CY}it doesn't have a Retina™ display\n ${_RS}Often
apps come bundled w/both [ ${_RD}Retina™ [ ${_RS}&${_RD} non-Retina™ [ ${_RS}image versions\n [ ${_RS}To make them
compatible with either older & newer iDevices; however\n This means that many duplicate images are eating up your disk
```





```

Bundles:' -e 's:keyboard:Keyboard Layouts:' -e 's:extra:Miscellaneous \& Junk:' -e 's:social:Social Bundles:' -e
's:regular:non\~Retina™ images:' -e 's:retina:Retina™ images:' -e 's:ipad:iPad images:' -e 's:ip5:Tall\~Retina™ images:'; }
#-----
function rmmrm() { notab echo -ne "\n ${_YL}[!][${_RD}] REMOVING ${_RS}"; etc; while read -r _LINE; do rm -fr "$_LINE"; done
2>/dev/null < /tmp/rm.${E}.log; cat /tmp/rm.${E}.log 2>/dev/null >> /tmp/rm.removed.log; printf "$(repeat ${$(tput
cols)/2} printf '_')\n\n" >> /tmp/rm.removed.log; etc; echo -e "${_WH}DONE ${_YL}[!][${_RS}"; rm /tmp/rm.${E}.log
2>/dev/null; }
#-----
_RMLOG='lproj carrier txinput keyboard extra social regular retina ipad ip5'
for _IF in $_RMLOG; do
if [ -s /tmp/rm.${_IF}.log ]; then _TEST="YES"; fi; done
if [ [ "$_TEST" = YES ] ]; then liner
echo -e "\033[1A\r\t\t\t\t\t\b\b\b\b${_WH}REVIEW${_RD}-${_RS}&${_RD}-${_WH}REMOVE${_RD}-${_WH}FILES${_RS}"
notab echo -ne "\n ${_RS}You can review each removal list before marked files are actually deleted\n ${_RD}Proceed with
care${_RS}: if in doubt, select ${_WH}[0][${_RS} to ${_YL}CANCEL${_RS} & check the logfiles\n SSH into iDevice or use
${_MG}File${_RS} to find logs in ${_WH}mobile${_RD}:${_WH}Documents${_RD}:${_WH}logs${_RD}:${_WH}saved ${_RS}\n"
bliner; for E in $_RMLOG; do if [ -s /tmp/rm.${E}.log ]; then
notab echo -ne "\n ${_RS}===${_YL}$(repeat 36 printf '=')${_RS}===\r\t${_YL}== ${_WH}$(ralias | tr '[a-z]' '[A-Z]' | sed -e
"s:\&:$(nocolor)\&$(white):" -e "s:\~:$(nocolor)\~$(white):") \n"
notab echo -ne "\n ${_GR}[CANCEL]${_WH}[0][${_RD}]AND SAVE THIS LOGFILE\n ${_YL}[DELETE]${_WH}[1][${_RD}]ALL FILES IN
THE LIST\n ${_CY}[REVIEW]${_WH}[9][${_RD}]ITEMS IN REMOVAL LIST ${_RS}"
etc; ask; while read -s -n 1 tt; do if [ [ "$tt" = 9 ] ]; then printf " ${_RS}[${_CY}REVIEW${_RS}]\n"
notab echo -e "\n ${_YL}[!][${_CY} Reviewing ${_WH}$(ralias | sed -e "s:\&:$(nocolor)\&$(white):" -e
"s:\~:$(nocolor)\~$(white):")${_CY} removal list ${_YL}[!][${_RS}]\n"
function rmlist() { shortd "$@" | awk '{printf "\033[36m\03d\033[31m:\033[0m%-s\n",NR,$0}'; }
rmlist cat /tmp/rm.${E}.log; cat /tmp/rm.${E}.log > /tmp/tf.logrm.log
_TLOG="logrm"; editlist; _PR1NT="$(rmlist cat /tmp/tf.logrm.log)"; editprint
cat /tmp/tf.logrm.log > /tmp/rm.${E}.log
notab echo -ne "\n ${_YL}[!][${_WH} Remove listed ${_CY}$(ralias | sed -e "s:\&:$(nocolor)\&$(cyan):" -e
"s:\~:$(nocolor)\~$(cyan):") ${_WH}files ${_RS}"; etc; yn; answer; print_yn; if [ [ "$ii" = Y ] ]; then _RMV="YES"; fi; break
elif [ [ "$tt" = 1 ] ]; then _RMV="YES"; printf " ${_RS}[${_YL}DELETE${_RS}]\n"; break
elif [ [ "$tt" = 0 ] ]; then printf " ${_RS}[${_GR}CANCEL${_RS}]\n"; break; fi; erata; done
if [ [ "$_RMV" == "YES" ] ]; then rmmrm; notab echo -e "\n ${_RS}===${_YL}$(repeat 36 printf '=')${_RS}===\n"
else cat /tmp/rm.${E}.log 2>/dev/null > ${_LOGS}/saved/rm.${E}.log
notab echo -ne "\n ${_RS}===${_RD}$(repeat 36 printf '=')${_RS}===\r\t\t\t ${_WH}STOPPED \n\n ${_CY}Saving
${_WH}$(ralias | sed -e "s:\&:$(nocolor)\&$(white):" -e "s:\~:$(nocolor)\~$(white):") ${_CY}Remove-List to\n\n
${_RS}private${_RD}:${_RS}var${_RD}:${_RS}mobile${_RD}:${_RS}Documents${_RD}:${_RS}saved${_RD}:${_RS}logs\n\n
${_YL}You can run through it again later ${_RS}"; etcn; echo -e "\n ${_RS}===${_RD}$(repeat 36 printf '=')${_RS}===
${_RS}"; fi; fi; done; else liner; bottom
notab echo -ne "\n ${_WH}There are ${_RD}no files to delete"; cutxt "${_WH}so you must be ${_CY}done${_RS}"; etcn; liner
; fi
#; else notab echo -ne "\n ${_RS}===${_MG}$(repeat 36 printf '=')${_RS}===\r\t${_MG}== NO ${_WH}$(ralias | tr '[a-z]'
'[A-Z]' | sed -e "s:\&:$(nocolor)\&$(white):" -e "s:\~:$(nocolor)\~$(white):") ${_MG}LIST \n"
#-----
nocolor; 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

```