

Re: How to enable Debian to automatically clear the tmp directory

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2008-09/msg01227.html>

- *From:* Michelle Konzack <linux4michelle@xxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 1 Sep 2008 16:17:28 +0200
-

Am 2008-08-28 10:39:05, schrieb Ryan Klein:

I have been searching for a way to have Debian automatically remove files in the /tmp directory after a period of time. We need it mainly for removing old session files that grow quite rapidly (a rate of 10 per second). I am hoping Debian has a built in utility, otherwise a package will suffice if not a simple bash script. Thanks for your input.

With 10 seonds you will not be very happy...

I think, you are searching for

```
-----[ '/etc/defaults/rcS' ]-----  
#  
# /etc/default/rcS  
#  
# Default settings for the scripts in /etc/rcS.d/  
#  
# For information about these variables see the rcS(5) manual page.  
#  
# This file belongs to the "initscripts" package.  
  
TMPTIME=0  
SULOGIN=no  
DELAYLOGIN=no  
UTC=no  
VERBOSE=no  
FSCKFIX=no  
RAMRUN=no  
RAMLOCK=no
```

and set TMPTIME to 1 which mean ONE DAY, but this will only work on
bootup...

and maybe you can use a cronjob executed each minute and the codesniplet

Re: How to enable Debian to automatically clear the tmp directory

```
-----[ /etc/init.d/bootclean' ]-----
clean_tmp() {
cd /tmp || { log_failure_msg "bootclean: Could not cd to /tmp." ; return 1 ; }

#
# Only clean out /tmp if it is world-writable. This ensures
# it really is a/the temp directory we're cleaning.
#
[ "$(find . -maxdepth 0 -perm -002)" = "." ] || return 0

if [ ! "$TMPTIME" ]
then
log_warning_msg "Using default TMPTIME 0."
TMPTIME=0
fi

[ "$VERBOSE" = no ] || log_action_begin_msg "Cleaning /tmp"

#
# Remove regardless of TMPTIME setting
#
rm -f .X*-lock

#
# Don't clean remaining files if TMPTIME is negative or 'infinite'
#
case "$TMPTIME" in
-*)infinite|infinity)
[ "$VERBOSE" = no ] || log_action_end_msg 0 "skipped"
return 0
;;
esac

#
# Wipe /tmp, excluding system files, but including lost+found
#
# If TMPTIME is set to 0, we do not use any ctime expression
# at all, so we can also delete files with timestamps
# in the future!
#
if [ "$TMPTIME" = 0 ]
then
TEXPR=""
DEXPR=""
else
TEXPR="-mtime +$TMPTIME -ctime +$TMPTIME -atime +$TMPTIME"
DEXPR="-mtime +$TMPTIME -ctime +$TMPTIME"
fi

EXCEPT='! -name .
! ( -path ./lost+found -uid 0 )
```

Re: How to enable Debian to automatically clear the tmp directory

```
! ( -path ./quota.user -uid 0 )
! ( -path ./aquota.user -uid 0 )
! ( -path ./quota.group -uid 0 )
! ( -path ./aquota.group -uid 0 )
! ( -path ./journal -uid 0 )
! ( -path ./clean -uid 0 )
! ( -path './...security*' -uid 0 )

mkflagfile /tmp/.clean || return 1

report_err()
{
if [ "$VERBOSE" = no ]
then
log_failure_msg "bootclean: Failure cleaning /tmp."
else
log_action_end_msg 1 "bootclean: Failure cleaning /tmp"
fi
}

#
# First remove all old files...
# (Use xargs here so that only one additional process gets created)
#
find . -depth -xdev $TEXPR $EXCEPT ! -type d \
-print0 | xargs -Or rm -f -- \
|| { report_err ; return 1 ; }

#
# ...and then all empty directories
# (Don't use xargs here because dirs must be removed one by one from
# the bottom up)
#
find . -depth -xdev $DEXPR $EXCEPT -type d -empty \
-exec rmdir \{\} \; \
|| { report_err ; return 1 ; }

[ "$VERBOSE" = no ] || log_action_end_msg 0
return 0
}
```

and you should be careful WHAT you are DELETING!

Thanks, Greetings and nice Day/Evening
Michelle Konzack
Systemadministrator
24V Electronic Engineer
Tamay Dogan Network
Debian GNU/Linux Consultant

Re: How to enable Debian to automatically clear the tmp directory

Linux-User #280138 with the Linux Counter, <http://counter.li.org/>
Debian GNU/Linux Consultant #####
Michelle Konzack Apt. 917 ICQ #328449886
+49/177/9351947 50, rue de Soultz MSN LinuxMichi
+33/6/61925193 67100 Strasbourg/France IRC #Debian (irc.icq.com)

Attachment: signature.pgp

Description: Digital signature