

Notification to all logged in X users

broadcast

```

#!/bin/bash
#####
# Broadcast v1.0 #
#
# A sleazy, dirty, creepy hack to broadcast a message to every single #
# connected user within an X environment. #
# Feel free to enhance and share any enhancement ! #
# everchere@everchere.com #
#####

#Checking the number of parameters given:
if [ $# -ne 3 ]; then echo "Wrong number of parameters:";echo "Usage: $0 TITLE MESSAGE DURATION";exit 1; fi;
#First parameter is the title of the info box
TITLE="$1"
#Second parameter is the message to be broadcasted
MSG="$2"
#Third parameter is the timeout duration for the Info box.
DURATION="$3"

## Null-Initializes the list of ADVERTISED CLientS
ADVCLT=""
## Grabs the name of one of the connected users from which to grab a list of connected displays
USERNAME=`w -h | head -1 | cut -d' ' -f1`
## Grabs the list of connected users
USERLIST=`w -h | cut -d' ' -f1 | sort -d -u |grep [^root]`

## Adds :0 to the list of the displays, since it might not be grabed later if $USERNAME
## is a Network User.
XAUTHOP=":0 "
## Grabs the list of the connected displays from $USERNAME and removes duplicates
XAUTHOP="$XAUTHOP `su $USERNAME -c -l 'xauth list $DISPLAY' | sed 's/.*\(:[0-9]\+\)\.*/\1/g' | sort -d -u`"

## Core Stuff:

# For each Connected display...
for i in $XAUTHOP
do

    # Try to display the message with each user's environment.
    # That's dirty and kind of "brutal", but I couldn't find a way
    # to associate a display to a user in a clean way...
    for j in $USERLIST
    do
        # Try to display for the user only if he was not already advertised.
        if ! (echo "$ADVCLT" | grep $j)
        then
            su $j -c -l "export DISPLAY='localhost${i}'; zenity --info --title='$TITLE' --
text='$MSG' --timeout $DURATION"
            # If we could advertise for the user, add him to the list of advertised users.
            [ $? -eq 5 -o $? -eq 0 ] && ADVCLT="$ADVCLT $j"
        fi

        # Same thing here, for non-network users.
        if ! (echo "$ADVCLT" | grep $j)
        then
            su $j -c -l "export DISPLAY='${i}'; zenity --info --title='$TITLE' --text='$MSG' --
timeout $DURATION" && ADVCLT="$ADVCLT $j"
            [ $? -eq 5 -o $? -eq 0 ] && ADVCLT="$ADVCLT $j"
        fi
    done
done

```