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!
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#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=""

# Adds :0 to the list of the displays, since it might not be grabbed later if $USERNAME is a Network User.
XAUTHOP=":0 "

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