

BASH Script

The green text is the **BASH** script that I created. It automatically installs the programs **Google Chrome Stable**, **Audacity** and **VLC** in **Ubuntu**.

Ralph Sutter with acknowledgements to Joe Collins

```
#!/bin/bash
clear
sudo apt install google-chrome-stable
sudo apt install audacity
sudo apt install vlc
sleep 30
sudo reboot
```

If you wish to use it, proceed as follows

In **Ubuntu**, open the terminal

Type **sudo nano**

Copy and paste the green text above into the **Nano** editor

Save the file, giving it the name, **template**.

You accomplish this in Nano by holding down the **Ctrl key** and pressing **o** (lower case O)

You will be asked **File Name to Write:** Type **template** or any other name of your choosing. Do not add a file extension.

If you give the file a different name, change every reference to **template** in these instructions to the name that you gave the scrip.

Before you can run the script successfully, you must change its file permissions.

Do this from the terminal and in the directory that contains the file, **template** by typing **chmod +x template**

Run the script from the terminal by typing **./template | less**

If you store this script in the **/bin** directory instead of in your home directory, omit the **/** in front of **./template**

Adding **| less** (pipe less) causes the output to display one screen at a time.

Advance to the next line by hitting the **Enter** key

Remove **| less** from **./template | less** and the output will scroll across multiple screens without pausing

For details on what each line of this script does, see the section below ----

Note the explanations offered in the comments. They are preceded by **#** and may be removed from the script if so desired. However, the first line, **#!/bin/bash** should not be removed. It must be the first line in every BASH script.

```
#!/bin/bash
#This line is commented out
#The next line clears the screen
clear
#The next line displays Begin Script on the screen
echo "Begin Script"
#The next line inserts many carriage returns
```

echo "

"

#The next line displays **Installing Google Chrome Stable** on the screen

echo "Installing Google Chrome Stable"

#The next line installs Google Chrome Stable

sudo apt install google-chrome-stable

#The next line displays **Line Breaks Here** on the screen

echo "Line Breaks Here "

#The next line inserts many carriage returns

echo "

"

#The next line displays **Installing Audacity** on the screen

echo "Installing Audacity"

#The next line installs the audio editing program, **Audacity**

sudo apt install audacity

#The next line displays **Line Breaks Here** on the screen

echo "Line Breaks Here"

#The next line inserts many carriage returns

echo "

"

#The next line displays **Installing VLC** on the screen

echo "Installing VLC"

#The next line installs the video program. **VLC**

sudo apt install vlc

#The next line displays **Line Breaks Here** on the screen

echo "Line Breaks Here "

#The next line inserts many carriage returns

echo "

"

#The next line displays **Complete!** on the screen

echo "Complete!"

#The next line displays **System will restart in 30 seconds** on the screen

echo "System will restart in 30 seconds"

#The next line tells the computer to go to sleep in 30 seconds. Replace **30** with another value to change time to restart
sleep 30

#The next line reboots the system

sudo reboot

#Important

#In order to get this script to work, you have to change the read/write/execute settings.

#From the terminal and in the same directory that holds the file **template**

#type **chmod +x template**

#Run the command from the terminal by typing **./template | less**

#If you store a bash script in the **/bin** directory instead of in your home directory, omit the **./** in front of **./template**

#Adding | less (pipe less) causes the output to display one screen at a time.

#Advance to the next line by hitting the **Enter** key

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#Remove | **less** from **./template | less** and the output will scroll across multiple screens without pausing
#Make sure that you do this from the directory in which template is located
#The name of this script is **template**. If you give the script a different name, change all references from **template** to the name you chose

Offered by Ralph Sutter with thanks to Joe Collins