

PASTE BIN[Mi piace](#) ◀19r[create new paste](#)[trending pastes](#)[sign in](#)**Auto RTLSDR installed for Ubuntu 12 with SDR#**BY: A GUEST ON OCT 28TH, 2012 | SYNTAX: **BASH** | SIZE: 3.01 KB | HITS: 2,234 | EXPIRES: NEVER[DOWNLOAD](#) | [RAW](#) | [EMBED](#) | [REPORT ABUSE](#)

```
1. #!/bin/bash
2. #
3. # Auto RTLSDR installed for Ubuntu 12 with SDR#
4. #
5. # By KJ4EHD ryan_turner
6. # Find help @ #sdrsharp and ##rtlsdr on freenode IRC.
7. # Current as of 28 OCT 2012
8. # Tested using
9. # * Ubuntu 12.10 64-bit
10. #
11. # This script works, as of today, grabbing the current versions automatically via apt-get,
    svn:
12. # * rev 991 of SDRSharp
13. # * commit aad68f3a21f8507d5ad7b01dc9e980d2f0d7e327 of rtl-sdr
14. # * Debian 2.10.8.1-5ubuntu1 of mono
15. # * MonoDevelop 3.0.3.2
16. # * 19+svn20111121-1build1 of libportaudio2
17. # * icotool 0.30.0
18.
19. sudo apt-get install subversion git mono-complete libportaudio2 monodevelop icoutils
20. cd /home/$(whoami)
21.
22. # getting rtl-sdr working
23. mkdir rtl-sdr
24. cd rtl-sdr
25. git clone git://git.osmocom.org/rtl-sdr.git
26. cd rtl-sdr/
27. mkdir build
28. cd build
29. cmake ../
30. make
31. sudo make install
32. sudo ldconfig
```

```
33. cd /home/$(whoami)
34. rm -rf rtl-sdr
35.
36. # getting sdrsharp to work
37. svn checkout https://subversion.assembla.com/svn/sdrsharp/
38. cd sdrsharp/trunk
39. mdtool build -c:Release SDRSharp.sln
40. cd Release
41. ln -s /usr/lib/x86_64-linux-gnu/libportaudio.so.2 libportaudio.so
42.
43. # modify config
44. sed -i '/SDRSharp.SoftRock.SoftRockIO,SDRSharp.SoftRock/d' SDRSharp.exe.config
45. sed -i '/SDRSharp.FUNCube.FunCubeIO,SDRSharp.FUNCube/d' SDRSharp.exe.config
46. sed -i '/SDRSharp.FUNCubeProPlus.FunCubeProPlusIO,SDRSharp.FUNCubeProPlus/d' SDRSharp.exe.
47. sed -i '/SDRSharp.RTLTCP.RtlTcPIO,SDRSharp.RTLTCP/d' SDRSharp.exe.config
48. sed -i '/SDRSharp.SDRIQ.SdrIqIO,SDRSharp.SDRIQ/d' SDRSharp.exe.config
49. sed -i 's/<!-- <add key="RTL-SDR \\/ USB" value="SDRSharp.RTLSDR.RtlSdrIO,SDRSharp.RTLSDR"
-->/<add key="RTL-SDR \\/ USB" value="SDRSharp.RTLSDR.RtlSdrIO,SDRSharp.RTLSDR" \\/>/'
SDRSharp.exe.config
50.
51. # "Install" it
52. mkdir /home/$(whoami)/.sdrsharp/
53. mv /home/$(whoami)/sdrsharp/trunk/Release/* /home/$(whoami)/.sdrsharp/
54.
55. # Create PNG of icon
56. cd /home/$(whoami)/.sdrsharp/
57. icotool -x /home/$(whoami)/sdrsharp/trunk/SDRSharp/mixer.ico
58. chmod 0777 /home/$(whoami)/.sdrsharp/mixer_1_48x48x32.png
59.
60. # Clean up
61. rm -rf /home/$(whoami)/sdrsharp/
62.
63. # Make .desktop file
64. cd /home/$(whoami)/Desktop
65. touch prog-sdrsharp.desktop
66. echo "[Desktop Entry]" >> prog-sdrsharp.desktop
67. echo "Type=Application" >> prog-sdrsharp.desktop
68. echo "Encoding=UTF-8" >> prog-sdrsharp.desktop
69. echo "Name=SDR#" >> prog-sdrsharp.desktop
70. echo "Comment=SDRSharp" >> prog-sdrsharp.desktop
71. echo "Exec= mono /home/$(whoami)/.sdrsharp/SDRSharp.exe" >> prog-sdrsharp.desktop
72. echo "Icon= /home/$(whoami)/.sdrsharp/mixer_1_48x48x32.png" >> prog-sdrsharp.desktop
73. echo "Categories=Utility;Application;" >> prog-sdrsharp.desktop
74. echo "Terminal=false" >> prog-sdrsharp.desktop
75.
```

```
76. sudo chmod +x /home/$(whoami)/Desktop/prog-sdrsharp.desktop
77.
78. # Make the menu item
79.
80. touch prog-sdrsharp.directory
81. echo [Desktop Entry] >> prog-sdrsharp.directory
82. echo Value=1.0 >> prog-sdrsharp.directory
83. echo Type=Directory >> prog-sdrsharp.directory
84. echo Encoding=UTF-8 >> prog-sdrsharp.directory
85. xdg-desktop-menu install prog-sdrsharp.directory prog-sdrsharp.desktop
86. xdg-desktop-menu forceupdate
```

RAW Paste Data

[create a new version](#)

```
#!/bin/bash
#
# Auto RTLSDR installed for Ubuntu 12 with SDR#
#
# By KJ4EHD ryan_turner
# Find help @ #sdrsharp and ##rtlsdr on freenode IRC.
# Current as of 28 OCT 2012
# Tested using
# * Ubuntu 12.10 64-bit
#
# This script works, as of today, grabbing the current versions automatically via apt-get, git,
# * rev 991 of SDRSharp
```

Pastebin.com Tools & Applications

[iPhone/iPad](#)[Windows](#)[Firefox](#)[Chrome](#)[WebOS](#)[Android](#)[Mac](#)[Opera](#)[create new paste](#) | [api](#) | [trends](#) | [users](#) | [faq](#) | [tools](#) | [domains center](#) | [privacy](#) | [contact](#) |[Follow us: pastebin on facebook](#) | [pastebin on twitter](#) | [pastebin in the news](#)

Pastebin v3.1 rendered in: 0.006 seconds