

## Skype on Fedora 10 + Getting rid of pulseaudio problem

Written by Muhammad Kamran Azeem

Wednesday, 27 May 2009 14:39 - Last Updated Monday, 28 February 2011 13:15

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Salam,

I tried installing skype on Fedora 10, today, and ran into small problems. So I decided to share with you the solutions.

My desktop is Fedora 10 64 bit.

I downloaded skype from <http://www.skype.com/go/getskype-linux-fc7> , (FC7 is the latest available on this site, the saved file will have fc5 in the file name, so don't be alarmed!). Then I tried to install it using RPM, but I got many dependency problems.

```
[root@desktop Download]# rpm -ivh skype-2.0.0.72-fc5.i586.rpm
warning: skype-2.0.0.72-fc5.i586.rpm: Header V3 DSA signature: NOKEY, key ID d66b746e
error: Failed dependencies:
libQtCore.so.4 is needed by skype-2.0.0.72-fc5.i586
libQtDBus.so.4 is needed by skype-2.0.0.72-fc5.i586
libQtGui.so.4 is needed by skype-2.0.0.72-fc5.i586
libQtNetwork.so.4 is needed by skype-2.0.0.72-fc5.i586
libX11.so.6 is needed by skype-2.0.0.72-fc5.i586
libXext.so.6 is needed by skype-2.0.0.72-fc5.i586
libXss.so.1 is needed by skype-2.0.0.72-fc5.i586
libXv.so.1 is needed by skype-2.0.0.72-fc5.i586
libasound.so.2 is needed by skype-2.0.0.72-fc5.i586
libasound.so.2(ALSA_0.9) is needed by skype-2.0.0.72-fc5.i586
libasound.so.2(ALSA_0.9.0rc4) is needed by skype-2.0.0.72-fc5.i586
libc.so.6 is needed by skype-2.0.0.72-fc5.i586
libc.so.6(GLIBC_2.0) is needed by skype-2.0.0.72-fc5.i586
libc.so.6(GLIBC_2.1) is needed by skype-2.0.0.72-fc5.i586
libc.so.6(GLIBC_2.1.3) is needed by skype-2.0.0.72-fc5.i586
libc.so.6(GLIBC_2.2) is needed by skype-2.0.0.72-fc5.i586
libc.so.6(GLIBC_2.3) is needed by skype-2.0.0.72-fc5.i586
libc.so.6(GLIBC_2.3.4) is needed by skype-2.0.0.72-fc5.i586
```

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```
libc.so.6(GLIBC_2.4) is needed by skype-2.0.0.72-fc5.i586
libgcc_s.so.1 is needed by skype-2.0.0.72-fc5.i586
libgcc_s.so.1(GCC_3.0) is needed by skype-2.0.0.72-fc5.i586
libgcc_s.so.1(GLIBC_2.0) is needed by skype-2.0.0.72-fc5.i586
libm.so.6 is needed by skype-2.0.0.72-fc5.i586
libm.so.6(GLIBC_2.0) is needed by skype-2.0.0.72-fc5.i586
libpthread.so.0 is needed by skype-2.0.0.72-fc5.i586
libpthread.so.0(GLIBC_2.0) is needed by skype-2.0.0.72-fc5.i586
libpthread.so.0(GLIBC_2.1) is needed by skype-2.0.0.72-fc5.i586
libpthread.so.0(GLIBC_2.2) is needed by skype-2.0.0.72-fc5.i586
libpthread.so.0(GLIBC_2.3.2) is needed by skype-2.0.0.72-fc5.i586
librt.so.1 is needed by skype-2.0.0.72-fc5.i586
libstdc++.so.6 is needed by skype-2.0.0.72-fc5.i586
libstdc++.so.6(CXXABI_1.3) is needed by skype-2.0.0.72-fc5.i586
libstdc++.so.6(CXXABI_1.3.1) is needed by skype-2.0.0.72-fc5.i586
libstdc++.so.6(GLIBCXX_3.4) is needed by skype-2.0.0.72-fc5.i586
libstdc++.so.6(GLIBCXX_3.4.4) is needed by skype-2.0.0.72-fc5.i586
[root@desktop Download]#
```

At the first glance this is a frightening list. But , then YUM comes to the rescue. Easiest method is to install this using "yum localinstall" method, which will install required dependencies itself ! :-

```
[root@desktop Download]# yum -y localinstall skype-2.0.0.72-fc5.i586.rpm --nogpgcheck
Loaded plugins: refresh-packagekit
Setting up Local Package Process
Examining skype-2.0.0.72-fc5.i586.rpm: skype-2.0.0.72-fc5.i586
Marking skype-2.0.0.72-fc5.i586.rpm to be installed
Resolving Dependencies
--> Running transaction check
---> Package skype.i586 0:2.0.0.72-fc5 set to be updated
--> Processing Dependency: libQtCore.so.4 for package: skype
--> Processing Dependency: libQtDBus.so.4 for package: skype
```

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[ output snipped ]

---> Package speex.i386 0:1.2-0.10.rc1.fc10 set to be updated

---> Package wavpack.i386 0:4.50.1-2.fc10 set to be updated

--> Finished Dependency Resolution

Dependencies Resolved

```
=====
=====
Package           Arch      Version
Repository        Size
=====
=====
```

Installing:

```
skype             i586      2.0.0.72-fc5
skype-2.0.0.72-fc5.i586.rpm 19 M
```

Installing for

dependencies:

```
alsa-lib         i386      1.0.20-1.fc10
updates          412 k
dbus-libs        i386      1:1.2.4-2.fc10
updates          129 k
```

...

[ output snipped ]

...

```
readline         i386      5.2-13.fc9
fedora           184 k
```

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```
speex                i386                1.2-0.10.rc1.fc10
fedora                97 k
sqlite               i386                3.5.9-4.fc10
updates              246 k
wavpack              i386                4.50.1-2.fc10
fedora                126 k
xine-lib             i386                1.1.16.3-2.fc10
updates              2.7 M
zlib                  i386                1.2.3-18.fc9          fedora
74 k
```

### Transaction Summary

```
=====
=====
```

```
Install    60
Package(s)
Update     0
Package(s)
Remove     0
Package(s)
```

Total size: 57 M

Total download size: 19 M

Downloading Packages:

Running rpm\_check\_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : libgcc 1/60

Installing : glibc 2/60

...

[ output snipped ]

...

```
Installing    :
phonon-backend-xine                                58/60
```

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Installing : gamin

59/60

Installing : skype

60/60

Installed:

skype.i586

0:2.0.0.72-fc5

Dependency Installed:

alsa-lib.i386 0:1.0.20-1.fc10

dbus-libs.i386 1:1.2.4-2.fc10

e2fsprogs-libs.i386

0:1.41.4-5.fc10

expat.i386 0:2.0.1-5

flac.i386 0:1.2.1-4.fc9

fontconfig.i386

0:2.6.0-3.fc10

[ output snipped ]

speex.i386 0:1.2-0.10.rc1.fc10

sqlite.i386 0:3.5.9-4.fc10

wavpack.i386

0:4.50.1-2.fc10

xine-lib.i386 0:1.1.16.3-2.fc10

zlib.i386

0:1.2.3-18.fc9

Complete!

[root@desktop Download]#

Ok. Installation is done. Next you would want to start skype. Go ahead start it. I use KDE and when I started it, I got some sound problems and error messages. Such as:

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ALSA lib control.c:874:(snd\_ctl\_open\_conf) Cannot open shared library  
/usr/lib/alsa-lib/libasound\_module\_ctl\_pulse.so

ALSA lib pcm.c:2211:(snd\_pcm\_open\_noupdate) Unknown PCM  
cards.pcm.hdmi

ALSA lib pcm.c:2211:(snd\_pcm\_open\_noupdate) Unknown PCM  
cards.pcm.hdmi

ALSA lib pcm.c:2171:(snd\_pcm\_open\_conf) Cannot open shared library  
/usr/lib/alsa-lib/libasound\_module\_pcm\_pulse.so

ALSA lib pcm.c:2171:(snd\_pcm\_open\_conf) Cannot open shared library  
/usr/lib/alsa-lib/libasound\_module\_pcm\_pulse.so

ALSA lib control.c:874:(snd\_ctl\_open\_conf) Cannot open shared library  
/usr/lib/alsa-lib/libasound\_module\_ctl\_pulse.so

ALSA lib pcm.c:2211:(snd\_pcm\_open\_noupdate) Unknown PCM  
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/usr/lib/alsa-lib/libasound\_module\_pcm\_pulse.so

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ALSA lib pcm.c:2211:(snd\_pcm\_open\_noupdate) Unknown PCM  
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/usr/lib/alsa-lib/libasound\_module\_pcm\_pulse.so

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/usr/lib/alsa-lib/libasound\_module\_ctl\_pulse.so

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/usr/lib/alsa-lib/libasound\_module\_ctl\_pulse.so

ALSA lib control.c:874:(snd\_ctl\_open\_conf) Cannot open shared library  
/usr/lib/alsa-lib/libasound\_module\_ctl\_pulse.so

ALSA lib control.c:874:(snd\_ctl\_open\_conf) Cannot open shared library  
/usr/lib/alsa-lib/libasound\_module\_ctl\_pulse.so

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/usr/lib/alsa-lib/libasound\_module\_ctl\_pulse.so

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The solution is to get rid of pulseaudio, which interferes almost with everything in KDE. Quit skype first. Then:

```
[root@desktop Download]# yum remove alsa-plugins-pulseaudio
```

```
Loaded plugins: refresh-packagekit
```

```
Setting up Remove Process
```

```
Resolving Dependencies
```

```
--> Running transaction check
```

```
---> Package alsa-plugins-pulseaudio.x86_64 0:1.0.18-2.fc10 set to be erased
```

```
--> Processing Dependency: alsa-plugins-pulseaudio for package: kde-settings-pulseaudio
```

```
--> Running transaction check
```

```
---> Package kde-settings-pulseaudio.noarch 0:4.1-6.20090206svn.fc10 set to be erased
```

```
--> Finished Dependency Resolution
```

```
Dependencies Resolved
```

```
=====
=====
Package                Arch      Version
Repository             Size
=====
=====
Removing:
alsa-plugins-pulseaudio  x86_64   1.0.18-2.fc10
installed              95 k
Removing for dependencies:
kde-settings-pulseaudio noarch   4.1-6.20090206svn.fc10
installed              0.0
```

```
Transaction Summary
```

```
=====
=====
Install    0 Package(s)
Update    0 Package(s)
```

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Remove 2 Package(s)

Is this ok [y/N]: y

Downloading Packages:

Running rpm\_check\_debug

Running Transaction Test

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

Erasing :

alsa-plugins-pulseaudio 1/2

Erasing :

kde-settings-pulseaudio 2/2

Removed:

alsa-plugins-pulseaudio.x86\_64 0:1.0.18-2.fc10

Dependency Removed:

kde-settings-pulseaudio.noarch 0:4.1-6.20090206svn.fc10

Complete!

[root@desktop Download]#

Done.

That is all. Once you start skype now, it will not give any sound problems. Remember to select "default" in the list of sound devices in skype. You don't need to change that. Later you may see occasional error/warning messages such as:

```
ALSA lib pcm.c:2211:(snd_pcm_open_noupdate) Unknown PCM cards.pcm.hdmi
```

Just ignore them. At least my skype is working properly , even these messages are showing occasionally.