

## How to build fldigi from sources on a Debian based Linux machine

At first you have to install the required packages for fldigi.

```
sudo apt-get install libfltk1.3 libhamlib-dev libsamplerate0-dev  
libflxmlrpc-dev portaudio19-dev
```

All my projects and sources are in the directory ~/projects. Create a directory like this with

```
mkdir ~/projects
```

Change into this directory

```
cd ~/projects
```

Now you have to download the source package of fldigi and unpack it in your projects directory

```
cd /home/tom/projects  
wget  
https://sourceforge.net/projects/fldigi/files/fldigi/fldigi-3.23.15.tar.gz  
tar -xvzf fldigi-3.23.15.tar.gz
```

</file>

Change to the directory of fldigi

```
<code>cd fldigi-3.23.15/
```

You have to configure the build files for fldigi

```
./configure --with-hamlib --with-flxmlrpc
```

After running the configure script you will be shown which components of fldigi will be built.

Configuration summary:

```
Version ..... 3.23.15  
  
Static linking ..... no  
CPU optimizations ..... none  
Debugging ..... no  
  
fldigi ..... yes  
flarq ..... yes  
  
i18n ..... yes
```

fldigi build options:

```

sndfile ..... no
oss ..... yes
portaudio ..... yes
pulseaudio ..... yes

flxmlrpc ..... yes

hamlib ..... yes
</file>

```

Now you can start the build of fldigi

```
<code>make clean; make
```

After the build you should see a file named fldigi in the source folder

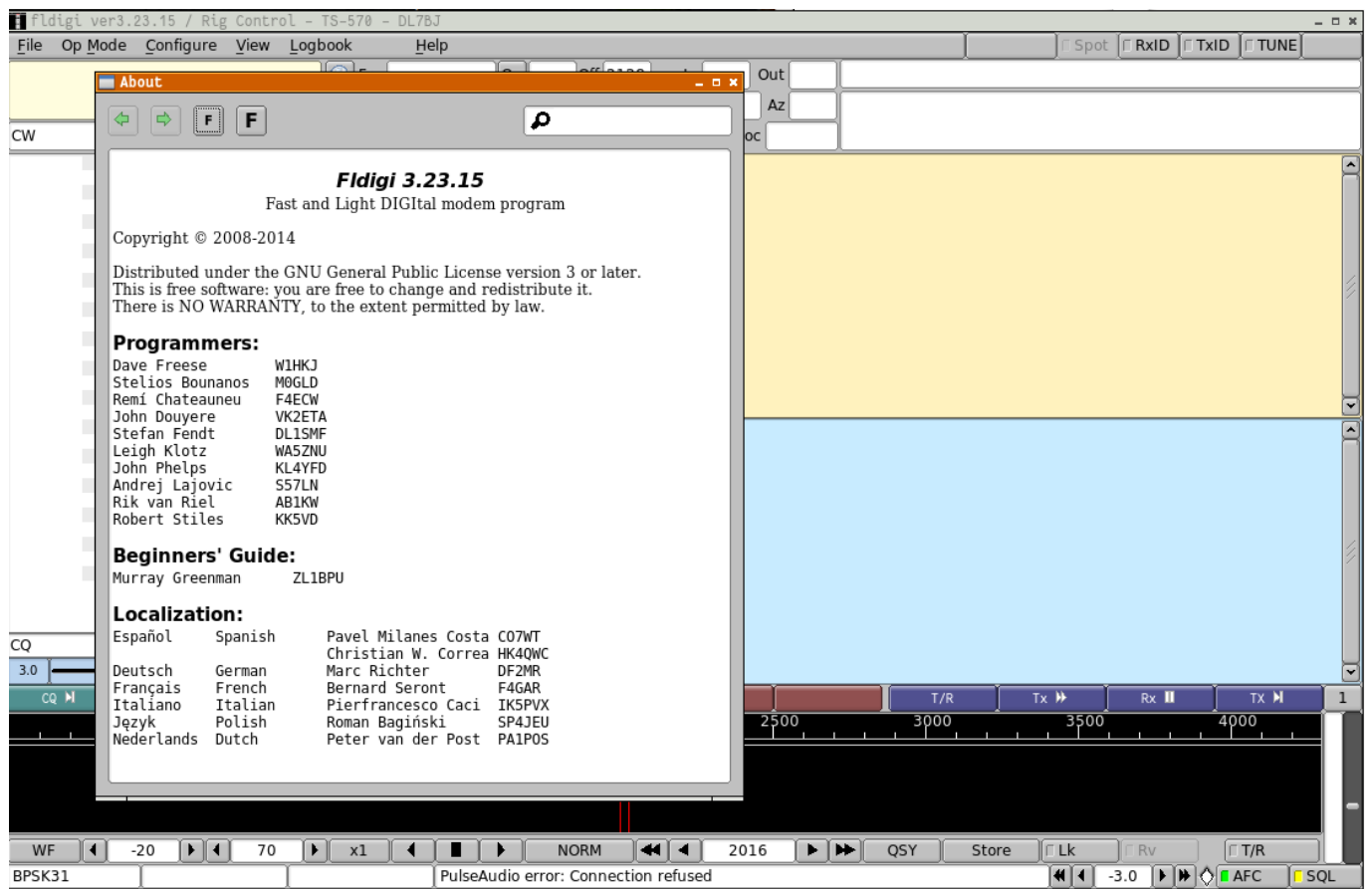
```

tom@amarok:~/projects/fldigi-3.23.15$ ls -l src/fldigi
-rwxrwxr-x 1 tom tom 29677228 Okt 19 23:21 src/fldigi
tom@amarok:~/projects/fldigi-3.23.15$

```

Now you can install your own build version of fldigi

```
sudo make install
```



Have fun!

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Permanent link:  
<https://isnix.de/doku.php?id=fldigi:build>

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