How to build your own patapoe transmitter on 88.3 mhz

* equipment
* raspberry pi zero
* sdcard
* power supply
* wifi (hotspot)
* internet connection to setup the sofware
* connect a 21.7 cm long telefone wire to gpio4 as antenna
* install libsndfile1-dev and sox + libsox-fmt-mp3 sudo apt-get install libsndfile1-dev sox libsox-fmt-mp3
* connect to <https://github.com/ChristopheJacquet/PiFmRds> and clone the software
* git clone https://github.com/ChristopheJacquet/PiFmRds.git

cd PiFmRds/src

make clean

make

* create transmit.sh in pi’s home directory and make the file executable: chmod a+x transmit.sh
* ! /bin/sh
* sox -t mp3 https://cast.radiopatapoe.nl/transit -t wav - | sudo /home/pi/PiFmRds/src/pi\_fm\_rds -freq 88.3 -rt changing-perception.. -ps patapoe -audio -
* sudo -s
* crontab -e
* add @reboot sleep 60; /home/pi/transmit.sh
* reboot (this will take a bit of time)
* set your radio to 88.3 mhz and listen to <http://cast.radiopatapoe.nl/transit>