

20150330-flirc.tv

Michael Pope

michael@dtcorp.com.au



Flirc.tv

What is flirc

- A USB to IR device
- Allows you to use **any** remote (99%)
- Use all in one remotes
- Easy to setup and save settings
- All settings saved directly onto flirc.
- Cross platform support (Linux, Mac, Windows)

Remote control used

One For All URC-6440

- Backlit
- Program up to four things
- Program single buttons
- Easy to use
- Has media keys
- Takes normal batteries

Tricks

- Select a code for a TV you do NOT own. (no conflicts)
- Use xdotool for macros

Installation

Ref: http://www.flirc.tv/downloads_linux/

Debian based

1. Add 'deb <http://apt.flirc.tv/arch/x64/binary/> to /etc/apt/sources.list
2. apt-get update
3. apt-get install flirc

NOTE: Depends on libc6 (>= 2.17)

RPM based

1. wget apt.flirc.tv/arch/x64/binary/flirc-1.2.6-2.x8664.rpm
2. rpm -Uvh flirc-1.2.6-2.x8664.rpm

Programming buttons

- Load flirc gui (Flirc)
- Select a layout
- Click on the button in flirc gui
- Click remote button to bind



Firmware v3.6



Click a key to start recording



Programming macros

- Use xdotool
- Create a script & bind to a key
- Example of watching ABCNews

```
xdotool search --name "Kodi" windowfoc
us
sleep 0.5
xdotool key "h"
sleep 0.5
xdotool type "13"
sleep 0.2
xdotool key "Return"
sleep 0.5
xdotool key "Return"
sleep 4
xdotool key "Return"
```

Test running the script

- Test with command line
- Test with keyboard shortcut
- Pick a unique shortcut *hint: use Ctrl+super+<letter>*

Running scripts

- Link flirc to the key combo

Demo