<http://bbs.t-firefly.com/forum.php?mod=viewthread&tid=1808&extra=page%3D1>

Setup arduino with board manager

<http://www.t-firefly.com/download/fireduino/package_fireduino_index.json>

Github

<https://github.com/FireflyTeam>

<http://wiki.t-firefly.com/index.php/Fireduino/First_Program/en>

Kickstarter

<https://www.kickstarter.com/projects/1771382379/fireduino-dual-core-arduino-board-more-powerful-an/comments>

How to disable driver signature in windows 10

<http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/>

~~Possible fix for linux?~~

~~Install rkflashtool from synaptic package manager~~

Working method for linux:

This error:

/bin/sh: 0: Illegal option --

has something to do with the default shell being dash, not bash in Ubuntu, and Ubuntu based systems.

I found a "fix" for that here -

<https://wiki.ubuntu.com/DashAsBinSh>

OK - So Here is the deal - I did get it this to work in linux, without any drivers, but it wasn't as straight forward as it should have been.

Quickly -

I followed the "hold reset", "push upgrade", "release reset", "release upgrade" - then I hit reset again and a serial port does show up (/dev/tyyACM0)

The IDE has to be run as admin (root), (Issue here is, it uses default sets, an you have to add the board back in the board manager)

Next, There are 3 files that need to have the permissions changed.

The easiest way is in the shell

su

cd /root/.arduino15/packages/Firefly/tools/fireduino\_tools/1.0.0

chmod 744 rkImageMaker

chmod 744 upgrade\_tool

chmod 744 update\_tool

This seemed to work for me, I've been able to upload the audio\_play\_NET sketch, the blink sketch, and a couple others.

I'm using the Arduino 1.6.12 IDE - and this was done on a different linux box, than any of my above posts.

Apr 2, 2017 The Fireduino wiki has been updated, and now includeds quite a bit of information about the board.

<http://wiki.t-firefly.com/index.php/Fireduino/en>

Speech is via mp3 files on the SD card, speech recognition is still (?)