

**NAME**

**ath3kfw** - firmware download utility for Atheros AR3011/AR3012 chip based Bluetooth USB devices

**SYNOPSIS**

**ath3kfw -d** *device\_name* **-f** *firmware\_path*  
**ath3kfw -h**

**DESCRIPTION**

The **ath3kfw** utility downloads the specified firmware file to the specified ugen(4) device.

This utility will *only* work with Atheros AR3011 and AR3012 chip based Bluetooth USB devices. The identification is currently based on USB vendor ID/product ID pair. The vendor ID should be 0x0cf3 (USB\_VENDOR\_ATHEROS2) and the product ID should be one of the supported devices.

Firmware files are available in the linux-firmware RPM.

The **ath3kfw** utility will query the device to determine which firmware image and board configuration to load in at runtime.

The options are as follows:

**-D** Enable verbose debugging.

**-d** *device\_name*  
Specify ugen(4) device name.

**I** Enable informational debugging.

**-f** *firmware\_path*  
Specify the directory containing the firmware files to search and upload.

**-h** Display usage message and exit.

**EXIT STATUS**

The **ath3kfw** utility exits 0 on success, and >0 if an error occurs.

**SEE ALSO**

libusb(3), ugen(4), devd(8)

**AUTHORS**

The original utility was written by Maksim Yevmenkin <[m\\_evmenkin@yahoo.com](mailto:m_evmenkin@yahoo.com)>. This was written based on Linux ath3k by Adrian Chadd <[adrian@freebsd.org](mailto:adrian@freebsd.org)>.

**BUGS**

Most likely. Please report if found.