Please use the newest version for all programs. Current version is v1.1.1.

How to install?

1. Program bootloader onto emote board

You can use any third party programming tool. But I strongly recommend STM tools.

1). Download STM-LINK Utility from STM website and install.

http://www.st.com/content/st\_com/en/products/embedded-software/development-tool-software/stsw-link004.html

2). Connect JTAG tool (ST-LINK/V2) and use STM-LINK Utility to program emoteboot.bin. The programming address is 0x08000000.

1. Install system to emote board

Run emoteflash on Linux system to install contiki. ( Ubuntu 12.04 above recommended)

Command example:

$./emoteflash app\_hello\_moteid.bin 23 /dev/ttyUSB1

Note:

Before you run emoteflash, you have to make sure USB is working. How to make usb work?

1). Attach the usb device(serial port on board) to computer using serial port on board. If you have problem with it, you may need to install usb driver. You can download from the link http://www.silabs.com/products/mcu/Pages/USBtoUARTBridgeVCPDrivers.aspx.

2). Look up if it is attached successfully using command: ls /dev/ttyUSB\*. You should can see /dev/ttyUSB0 and /dev/ttyUSB1. We use /dev/ttyUSB1 here.

3. Make sure you have permit to access USB. Use the command: sudo chmod 777 /dev/ttyUSB1.