



#9/3, Shree Lakshmi complex, 2nd Floor, Opp, To Vivekananda Park, Girinagar, Bangalore-560085. [www.tenettech.com](http://www.tenettech.com)

## Introduction:

This is a simple breakout board for most popular XBee radio modules from Digi. This breakout board is used to connect all the 20 pins of Xbee devices spacing 2mm to a 0.1" standard spacing, which makes easy to interface on friendly breadboard.

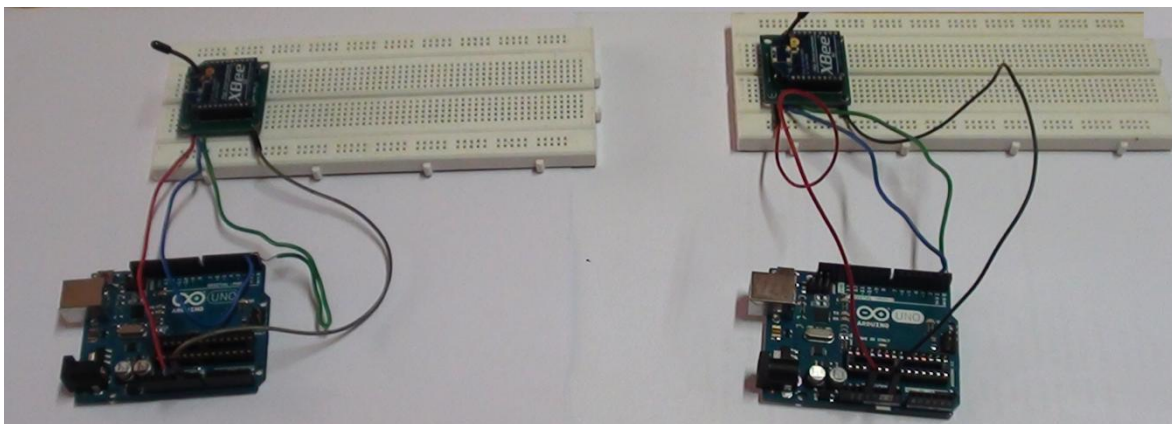
**Here is a quick demo on how to communicate two XBee devices using this breakout.**

### ✓ Step 1:

Place the xbee breakout on breadboard and Mount your Xbee device on XBee breakout.

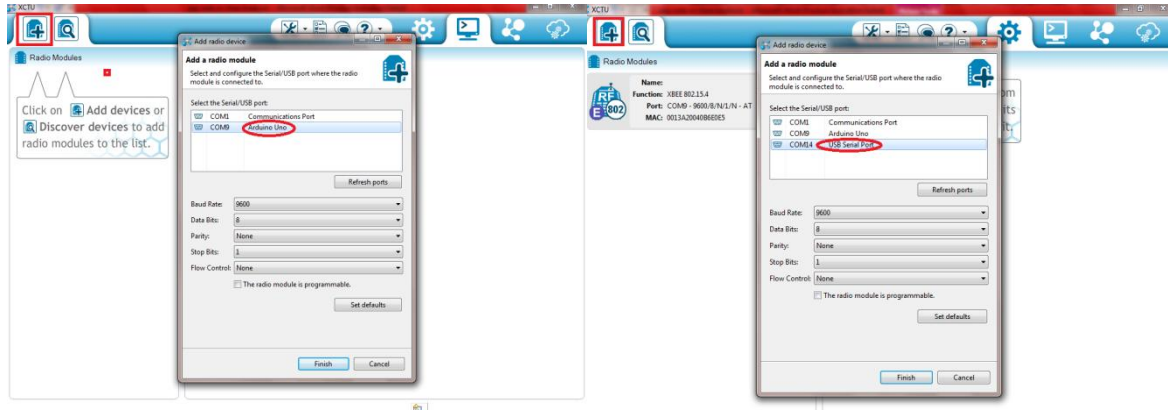
Note: We can use any UART device, but in this example I have used Arduino board UART port. To use arduino board only as UART device, you need to remove the microcontroller.

| XBee breakout | Arduino without controller |
|---------------|----------------------------|
| Vcc(pin 1)    | 3.3v                       |
| Dout(pin 2)   | Tx                         |
| Din(pin 3)    | Rx                         |
| Gnd           | Gnd                        |



✓ Step 2:

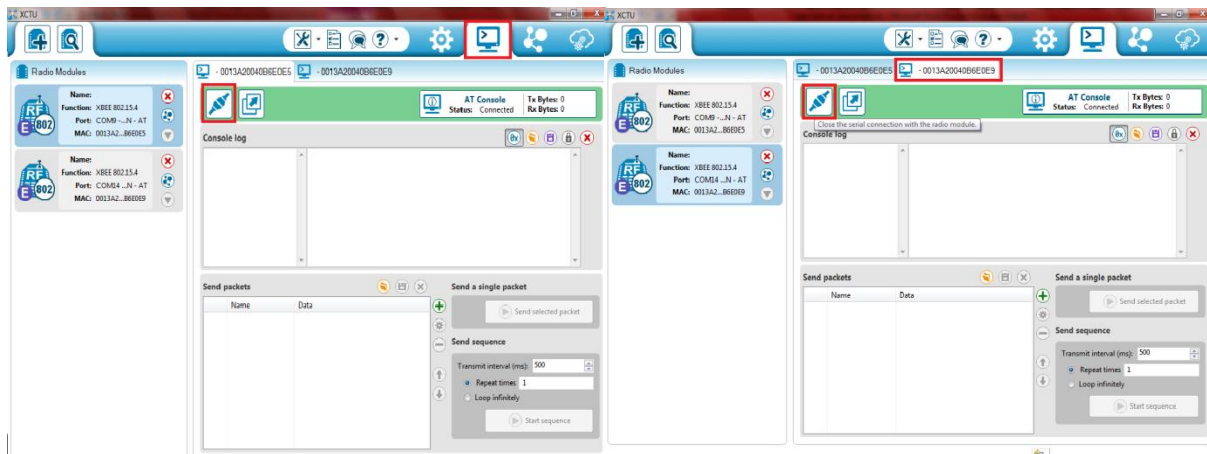
Launch X-CTU software, click on Add on radio modules and select your appropriate serial port for the device.



Repeat same step for other xbee module.

✓ Step 3:

Now click on switch to consoles mode and click on open serial connection.



✓ Step 4:

Now enter the data in console logs.

