



BTBee Pro Wireless Program Tutorials

BTBee Pro is a serial port Bluetooth module which can be compatible with the products with XBee sockets, designed for transparent wireless serial connection setup. It can be directly plugged on Arduino XBee Shield or Arduino Sensor Shield, and communicate with all boards of Arduino series or upload a program. Besides, it can upload a program into Gboard and Iboard as well.



Installation

Step 1.

Plug the BTBee Pro on IBoard, and select "Upload" by toggle switch. Then power up the main board. As shown in figure 1.

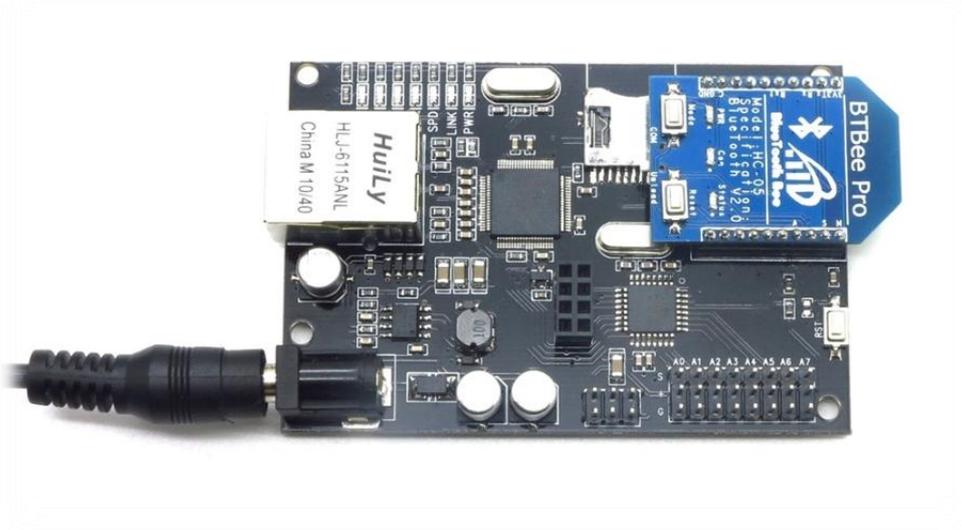


Figure 1

Step 2

Open Bluetooth device and add a device. As shown in figure 2.

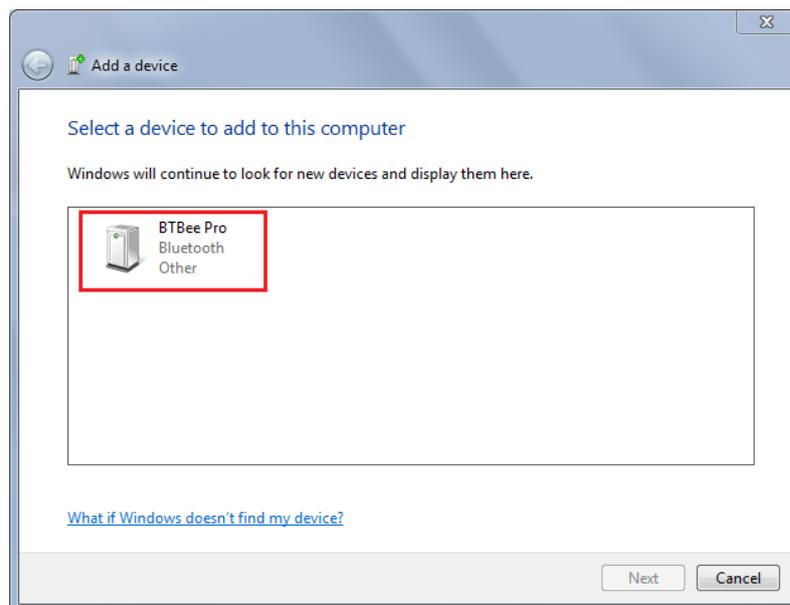


Figure 2

Step 3

After finding a Bluetooth device, you should choose "Enter the device's pairing code". The default PIN code is "1234". As shown in figure 3 and figure 4.

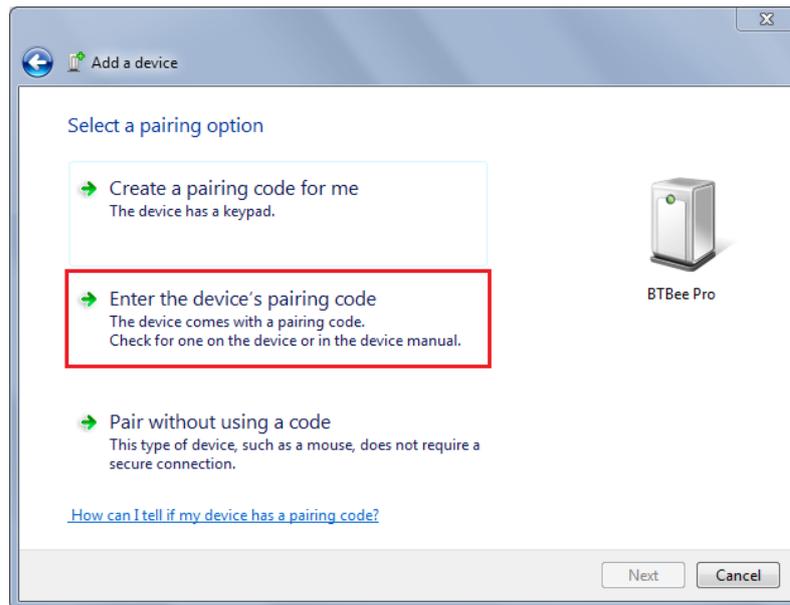


Figure 3



Figure 4

Step 4

Open Bluetooth device and choose the device. Click the right button of the mouse and select "properties". As shown in figure 5.

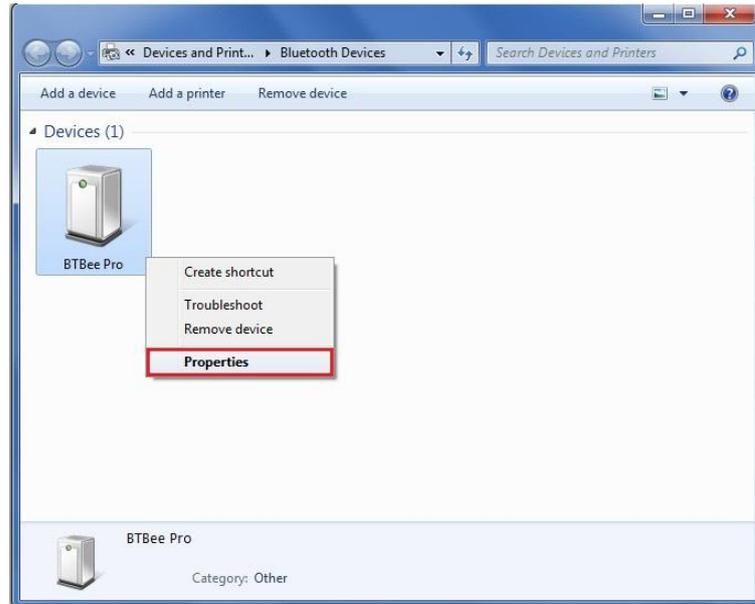


Figure 5

Step 5

Select "hardware" tab in "properties". Check the serial port of the Bluetooth device. As shown in figure 6.

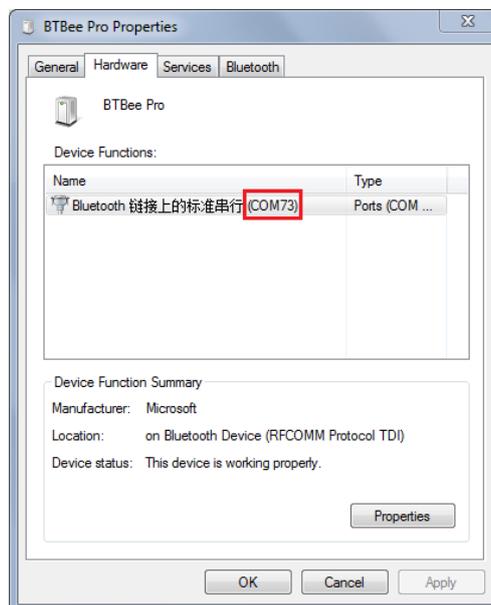


Figure 6

Step 6

Download the newest Arduino IDE.

<http://arduino.cc/en/Main/SoftwareDue>

Replace the rxtxserial.dll under the Arduino directory with one that we



provide ([download](#)). As shown in figure 7.

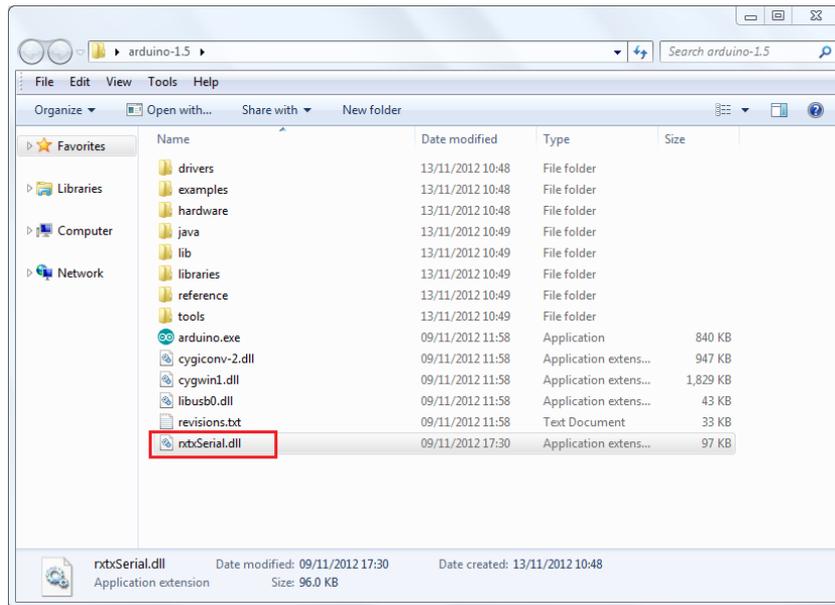


Figure 7

Step 7

Open Arduino IDE. Select "Tools->Board->Arduino Duemilanove w/Atmega328". As shown in figure 8.

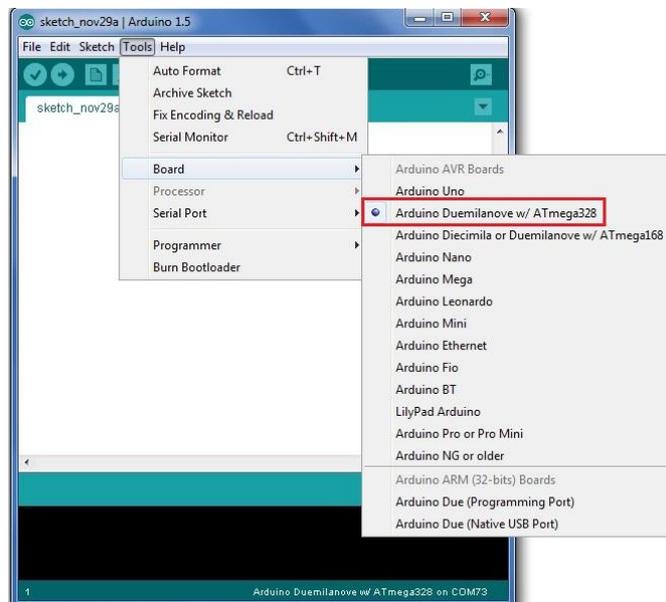


Figure 8

And Select "Tools->Serial Port->COMX (the serial port of the bluetooth)". As shown in figure 9.

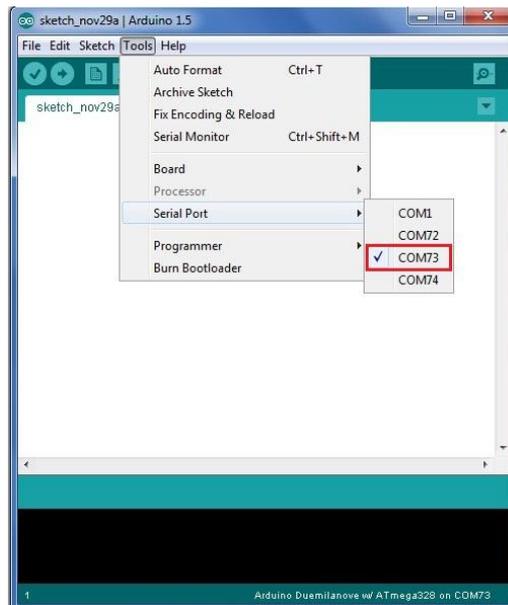


Figure 9

Step 8

Open your program on Arduino IDE, and press the "upload" button to upload it to IBoard. As shown in figure 10.

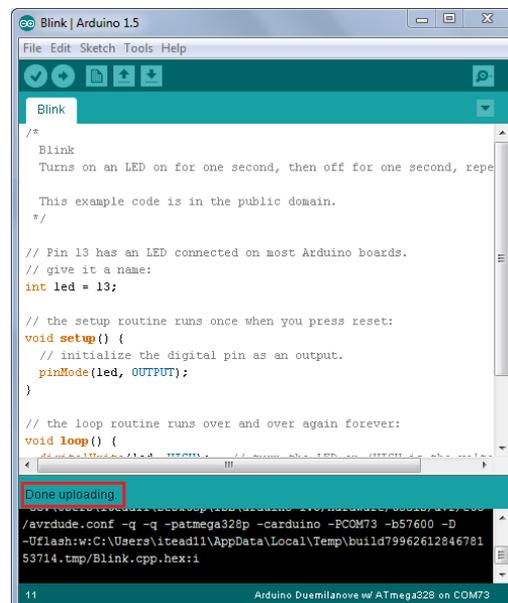


Figure 10