

Connecting BBB and USB to serial TTL convertor hardware or cable

As I mentioned in the previous document, you can use either a standalone USB to serial TTL convertor hardware like shown below (you should arrange for the connecting jumper wires though)

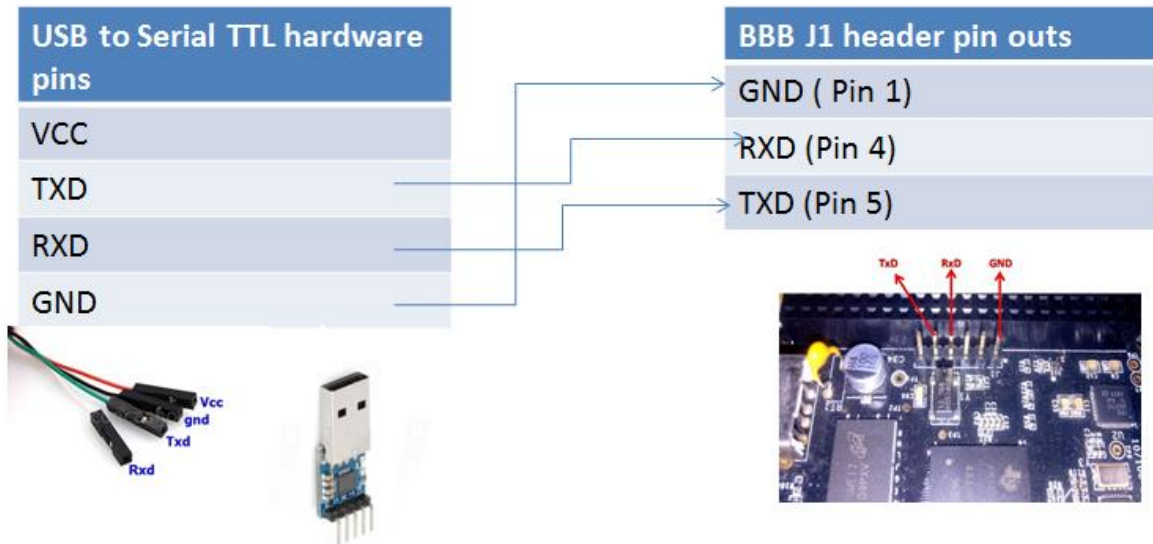


Or, you may use the USB to serial TTL converter with cable like below. This is more convenient because it has good length and you need not to bother about connecting to BBB using jumper wires.

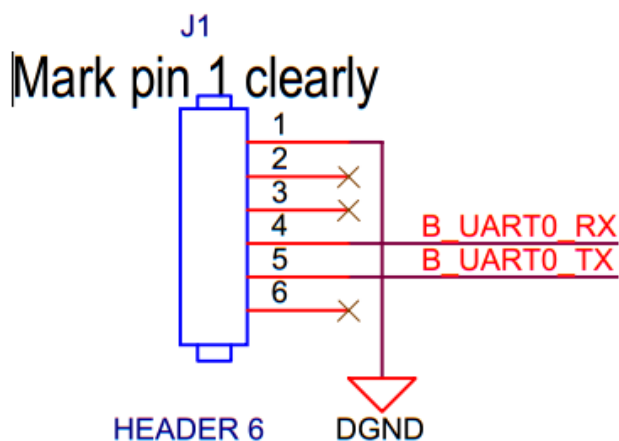
This cable has embedded "USB to serial "convertor chip inside.



And always remember when you connect "USB to Serial Converter" to any hardware like BBB, the TX pin of this module should go to the RX pin of the another board, in this case BBB. Take look in to the table below for connection details. It's very simple.



Here is a BBB schematic details of J1 UART0 pins



UART0 Serial Port
 USB to TTL
 Serial Cable
 3.3V