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Subject: Re: How to internet enable a serial device

Posted by [jibe](#) on Sat, 28 May 2011 08:50:12 GMT

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Hi,

What is the MC board that you want to use, jerson ? To give more advices, it will be important to know :

nlnelson wrote on Fri, 27 May 2011 22:12 Then the easiest way may be to have the socket Server at the board and your GUI app as the socket Client to poll for data and send commands.

Yes for some sophisticated boards. But there is also a lot that use simple RS232 communication, not Client-Server...

Anyway, it's a way to do. But if a GUI interface is not really needed (if only to be more comfortable...), better to have a console app.

nlnelson wrote on Fri, 27 May 2011 22:12 The internet is similar in many respects to a cable hooked to your board except it can be VERY long.

Yes, it's really the way you can see that, and it's very long when you use a GUI app, because you have to transmit through your cable (that has low bitrate) all the graphics (ie 800x600=480000 pixels) to be able to see the same screen at the other end !

If you use a console app, you will have just to transmit some ASCII codes for the text messages to display. It can be fast, sometimes almost as fast as doing things directly (not through Internet), as RS232 is sometimes a lot slower than Internet connexion (ie 9600 b/s vs 1 Mb/s).