

Re: bluetooth dongle to dongle

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- *From:* "colin" <no.spam.for.me@xxxxxxxxxxxxx>
 - *Date:* Tue, 07 Nov 2006 19:55:01 GMT
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"Mike Harrison" <mike@xxxxxxxxxxxxx> wrote in message
news:ml91121eeeat5tdpmtk79m4mkguvga91nu@xxxxxxxxxxx

On Tue, 07 Nov 2006 13:57:35 GMT, "colin" <no.spam.for.me@xxxxxxxxxxxxx>

wrote:

Hi,

Im looking at bluetooth to comunicate with a remote mcu from my pc,
so I got a couple of bluetooth dongles cos they are so cheap on ebay,
and there are some bluetooth devices wich look like simple rs232

conections

to the pc
but the dongles are also realy small (and a lot cheaper)
so the obvious question is what do I need to use the 2nd dongle on my

remote

mcu,
a usb type thingy of course but I gues it needs to plug into something

that

looks like a pc usb port,
many medium mcus have usb port wich act as slave devices but a few have

usb

wich act as master wich I assume I need,
but what is involved in the software side thats available or needs to be
written?
of course I could use a more powerfull mcu wich can run windows ce if

that

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would be able to drive a usb dongle,

I guess what I really need is a dongle which attaches to slave devices but

they

don't seem to make those I wonder why not ?

or maybe they do but I haven't seen it, maybe I could make one :o would be

cool

you could plug webcams in to it and such.

Colin =^.^=

Maybe you should ask Vinculum <http://www.vinculum.com/> if they plan to add a bluetooth firmware

version – I too have noticed how much cheaper USB BT units are compared to OEM modules. The nice

thing is that the USB interface to bluetooth (at HCI level) is defined in the BT spec, so there

shouldn't be much variation between makes.

Yes that would be good if it supported bluetooth, although it might end up simpler to get to use something like the bluesmirk although I can't find any locally, also I was thinking more of an MCU with USB capabilities which just connected directly to the bluetooth dongle.

There are 3 chips inside the bluetooth dongle with up to 40 pins, I guess they are fully custom chips but if anyone is interested they are :

ISCC IS1002N-307G

ISCC IS1601N-Q

if they are fully custom I'm not quite sure why they need to have so many chips with so many pins there's only 4 connections to the outside world tx,rx,5v,antenna.

Maybe they are dedicated bluetooth/usb chips, in which case maybe it would be simpler to interface to the bluetooth chip directly, but would probably need more investigating than I would consider doing.

Colin =^.^=

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