

## Re: PIC Assembler.

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- *From:* "Anthony Fremont" <nobody@xxxxxxxxxxxx>
  - *Date:* Fri, 26 Oct 2007 17:48:57 -0500
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Marra wrote:

It is quite remarkable what you can make a PIC do if you put in some effort.

It sure is. :-)

I did a dual cooker for a large manufacturer and it did multi tasking between the 2 ovens and a scrolling VF display.

The busiest I kept a PIC was with a caller-id project using a software modem. It re-times the recovered data bits and clocks them out one pin and back into another pin. That pin feeds a serial bit-bang receive routine that stuffs the received bytes into a circular queue. All interrupt driven of course. The main level code takes bytes out of the queue and displays them on a Hitachi based LCD. There were very few extra cycles available when it is receiving data. Did this on a 16F84 at 4MHz.

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