

Re: PIC Assembler.

Source: <http://sci.tech--archive.net/Archive/sci.electronics.basics/2007-10/msg00833.html>

- *From:* "john jardine" <john.jardine@xxxxxxxxxxx>
 - *Date:* Wed, 24 Oct 2007 00:24:29 +0100
-

"ian field" <dai.ode@xxxxxxxxxxx> wrote in message
[news:kcpTi.15009\\$qv1.3845@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:kcpTi.15009$qv1.3845@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

"Richard Seriani" <richard_s633@xxxxxxx> wrote in message
[news:vPjTi.11299\\$BT5.19@xxxxxxxxxxxxxxxxxxxx](news:vPjTi.11299$BT5.19@xxxxxxxxxxxxxxxxxxxx)

"ian field" <dai.ode@xxxxxxxxxxx> wrote in message
[news:V_2Ti.20084\\$0z6.19665@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:V_2Ti.20084$0z6.19665@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Does anyone have a link to any tutorials for PIC assembly?

Over the past few months I've been trying many permutations of Google search string, but most of the tutorials I've found assume previous experience at writing assy for microprocessors.

Another problem is most of what I've found is HTML which is untidy to save for later study and many pages lose their image files after being saved to disk (anyone know why that happens?). Any help appreciated.

TIA.

Ian,

Try these. Some are better than others and some have mistakes – but, you'll be able to spot those within a short time.

<http://www.mikroe.com/en/books/picbook/picbook.htm>
http://www.winpicprog.co.uk/pic_tutorial.htm
<http://www.mstracey.btinternet.co.uk/pictutorial/picmain.htm>

Saving these to your hard drive can be done with a right-click and save

Re: PIC Assembler.

as. It creates two files, one is the html document and the other is a file

folder with the graphics. At least, it does on my Windoz machine.

In a later post, someone also recommended the PIC Elmer 160 tutorial.

That

is a good one and each of the lessons downloads as a PDF.

<snip>

Many thanks, the first link is **very** interesting – I may already have the other 2 saved. The Elmer 160 starts off simple enough but the code

examples

quickly get heavy going, I need to go over a lot of simpler code over and over until I get the hang of it.

It's absolutely essential that you get to write the few lines needed to flash an LED. If you can get there and can see why you've caused the LED to flash then –ALL– other PIC programming is downhill.

The "mstracey" link that Richard supplied, will do this, (upto "tutorial #5") but more importantly, the how's and why's of the individual instructions are described nicely.

Try and ignore anything written by Microchip.

Sadly though, you may have to make use of Microchip's, bloated, inane piece of s***, known as "MPLAB", but remember, the hoops it forces you to jump through, are nothing to do with actual PIC programming but more reflect the mindset of Microchip's C programmers.