

Re: Which PIC18 C Compiler?

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2004-07/1545.html>

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"Talal Itani" <titani@airmail.net> wrote in message news:<cckb50\$c19@library2.airnews.net>...

> *Hello,*

>

> *I currently have an ICD2 from Microchip. I use it to develop PIC16 code*
> *using the MPLAB debugger and assembler. I need to move to the PIC18 parts*
> *and C language, but I am struggling figure out the development tools to get.*
> *Do you have any experience with the CCS compiler running with MPLAB and*
> *ICD2? (\$175 solution)*

>

> *Thanks,*

> *Talal*

I don't have experience with the 18 series compilers, but for the 16 series the HiTech ones beats the pants off the CCS compiler, much more professional. At the time I needed to do floats in printf() and the CCS compiler wouldn't do it.

The HiTech compiler also sensibly uses the actual register names as used in the datasheet, so you can simply go PORTA=123 etc. I would avoid any compiler which doesn't allow this as standard.

The 18 series HiTech compiler uses their new HiTide windows interface. Gotta be better than the DOS version on the 16 series compiler. Although I now integrate the PIC-C compiler with the MPLAB program, it's painless.

If you can afford it, go for the HiTech compiler. Although the CCS one will probably do you just fine if you are on a budget.

Dave :)