

Re: uC selection

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2008-03/msg03505.html>

- *From:* JosephKK <quiettechblue@xxxxxxxx>
 - *Date:* Thu, 20 Mar 2008 20:10:17 -0700
-

On Mon, 17 Mar 2008 21:35:57 -0500, Spehro Pefhany
<speffSNIP@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

On 17 Mar 2008 19:27:25 -0400, the renowned DJ Delorie
<dj@xxxxxxxx> wrote:

nico@xxxxxxxx (Nico Coesel) writes:

Free and student versions
are crippled on purpose (not
all
optimisation options
available).

So? Download the sources and build
yourself an uncrippled version.

That is not so easy because MIPS is not the most common
architecture.
I'm working on getting GCC 4.1.2 + Glibc + binutils
compiled for MIPS
using crosstool but there are some problems with getting the
right
versions together and using the proper settings.

Microchip is required to provide you with the sources to THEIR tools,
so you shouldn't have to worry about getting the right versions.
Download Microchip's gcc sources and build it, then use it in place of
the student version. This is what the GPL is all about.

If you can't get the exact sources to the distributed Microchip gcc,
then Microchip is not obeying gcc's license.

Re: uC selection

AFAIUI, the optimizer has nothing to do with gcc, hence they are not obliged to provide the source.

Best regards,
Spehro Pefhany

Maybe, the question is what do any of their tools have to do with GPL, LGPL, or other public licences?

.