

Re: Atmel AVR development tools

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- *From:* linnix <me@xxxxxxxxxxxxxxxxxxxxxx>
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On Jan 31, 2:25 pm, dbvanhorn <microb...@xxxxxxxxxx> wrote:

Build your own! Since my Jtag Ice's funnel,

Funeral?

Oh, yes. My poor spellings.

I have been programming
AVRs with an ARM eval board (programmed as AVR programmer). It's
much
more reliable than the Atmel tools. Recently, I am starting to
program AVRs with another pre-programmed AVR. Once programmed,
AVR
are very stable.

I've used other "clone" Jtag ices, with the same reliability problems.

The AVR debug core is unreliable, jtag or non-jtag. SPI programming
is much more reliable. Also, avoid bootloaders.

Common threads: XP Pro. AVR Studio (though different
versions), Me.

Dump these as well. I have all the tools avr-gcc and uprog (my USB
programmer) on a 1G CF drive.

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One of these days, I may have to start using C, but I've been avoiding it.

It seems to add yet another layer (or two) of possible problems, as well as sucking up system resources and cycles. And it wouldn't remove me from the need to run in sim or emulation.

I know I am not a normal user, but learned to live with the essentials only, as another poster suggested.

I used the Jtag Ice long enough to develop a set of usable library, mostly serial port and LED/LCD drivers. After that, I have not use any simulator/emulator at all. But I am only doing a simple project of 2000 lines / 8K at most. We will be building thousands of them, so a simple compiler and isp loader is more important than fancy simulator.

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