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Thread: [MIPS32 simulation](#)

severos - February 14, 2015, 11:36 am

I'm going to start studying assembly language at university, we're going to be using MIPS32 so I'd like to ask couple questions about it: note that I'm running Ubuntu14.04 x64bit

-What IDE is best for use from your experience?

-What's the best simulator? I'd like to try testing code in a safe environment so I don't screw something up as I've done such stuff before ?

Also, any tips you can offer me for faster learning??

Thanks for your time.

gotoel - March 4, 2015, 12:49 am

Very late on this, I am also taking an Assembly course this semester and we use SPIM (<http://spimsimulator.sourceforge.net/>) and it has worked great. Your professor may want you to check the "bare machine" and un-check the "Load exception handler" settings for at least the first half of the course.

DrakkarLevi - April 8, 2015, 12:38 pm

I'd say if your'e using Windows, stick with MARS. SPIM can be a bit confusing / hard to set up, especially as a beginner.

LevelUp - April 8, 2015, 2:24 pm

SPIM is missing a couple of instructions but it shouldn't really matter if you're only starting out.