MIPS Environment Setup

Install QtSpim MIPS Simulator

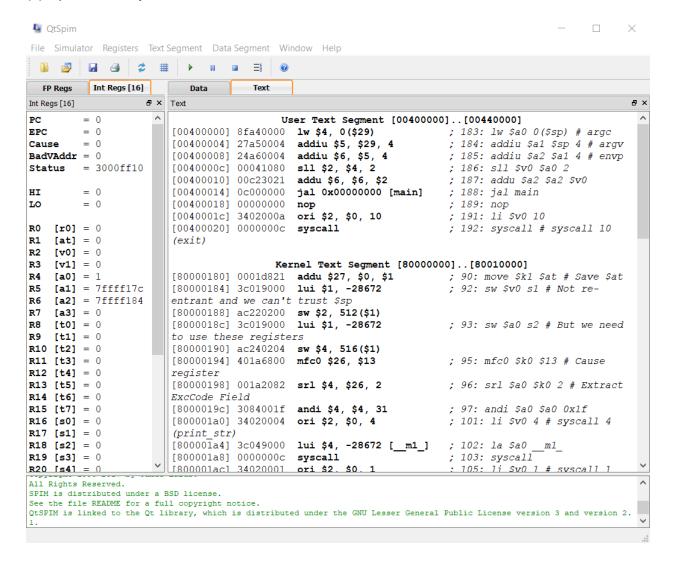
(1) Goto: http://spimsimulator.sourceforge.net/

Press "Download Spim"

Download the latest version listed for your computer.

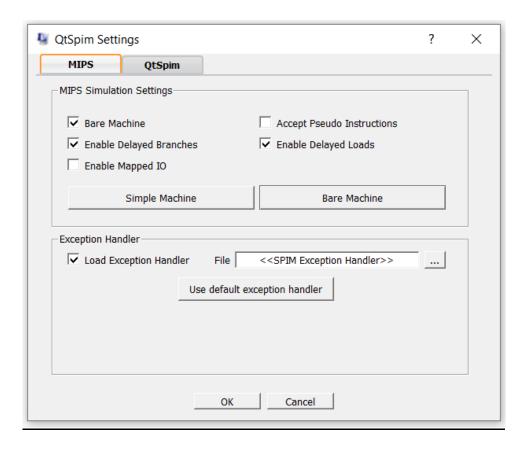
(If you have issues, try to install an older version.)

(2) Upon launch, you should see this interface:



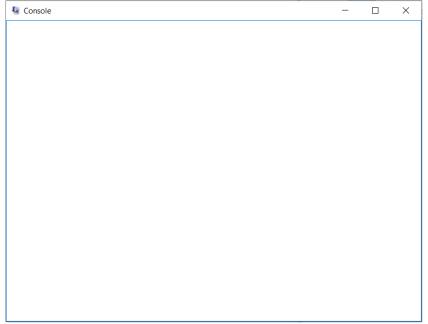
Configuration

From the menus, choose Simulator -> Settings, choose the MIPS tab and click on "Bare Machine", "Enable Delayed Branches", "Enable Delayed Loads" This is the configuration we will be using throughout the course.

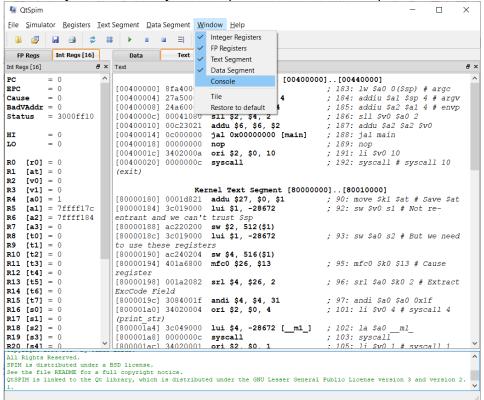


Using QtSpim

(1) Outputs using syscall will be displayed in your "Console" window.



(2) If you do not see your "Console" you can open the window back up like so:



(3) In order to run files, you must be sure to "reinitialize and load file" from your directory. Files must be in ".s" format.

