Click the Compile and Load button at the top, then use Continue (F3) to run or Step Into (F2) to execute one instruction at a time; Stop (F4) halts execution and Restart (Ctrl-R) resets the program state. The toolbar has Step Over (Ctrl-F2) and Step Out (Shift-F2) for function-aware stepping, plus Reload (Ctrl-Shift-L) to reassemble after edits.[[1]](#fn1)[[2]](#fn2)[[3]](#fn3)

**Basic run steps**

* Paste or open code in the Editor area, and set Language to ARMv7 if writing assembly.[[2]](#fn2)[[4]](#fn4)
* Click Compile and Load to assemble and load into the simulator; the Disassembly pane will show the loaded instructions.[[5]](#fn5)[[2]](#fn2)
* Click Continue (F3) to run until a breakpoint or infinite loop; use Stop (F4) to halt. Prefer Step Into (F2) for learning/debugging.[[6]](#fn6)[[2]](#fn2)

**Buttons to know**

* Step Into (F2): executes the next instruction; best for seeing each state change.[[3]](#fn3)[[2]](#fn2)
* Step Over (Ctrl-F2): runs a call fully and stops at the next instruction on the same stack depth.[[2]](#fn2)[[3]](#fn3)
* Step Out (Shift-F2): runs until returning from the current function.[[3]](#fn3)
* Continue (F3): runs continuously until a breakpoint or stop.[[7]](#fn7)[[2]](#fn2)
* Stop (F4): stops the currently running program.[[2]](#fn2)
* Restart (Ctrl-R): resets PC and state to program start.[[2]](#fn2)
* Reload (Ctrl-Shift-L): rebuilds/loads after editing source.[[8]](#fn8)

**Breakpoints**

* Click in the leftmost gray gutter of the Disassembly pane to toggle a breakpoint on an instruction; then use Continue to run to it.[[7]](#fn7)
* View addresses of breakpoints in the Breakpoints tab under Registers.[[7]](#fn7)

**Loading a prebuilt ELF**

* If assembling elsewhere, use File → Load ELF Executable to load .axf/.elf and then use the same run/step buttons.[[1]](#fn1)

**If it “hangs” on run**

* Many beginner examples end with an infinite branch (e.g., b . or b \_stop); Step Into will loop forever unless a breakpoint is set; use Stop (F4).[[7]](#fn7)[[2]](#fn2)
* Use Restart, set a breakpoint on a later instruction, then Continue to reach it.[[7]](#fn7)

**Where to start**

* Help → Sample shows sample programs to load and explore, then run with the toolbar buttons listed above.