

HOW TO USE:-

This emulator is designed to run on 32-bit and 64-bit system. It may give unexpected result if you will use it on other operating system.

To use this application:-

- First download MAINFILE.c along with all header files directly from Github or use this command line to download it on your local computer.

git clone <https://github.com/srsarangi/riscv-emulator.git>

- Make sure your system has gcc software to run a C program and compile it using command

gcc MAINFILE.c

Or compile it on your reliable software that you use for compilation of your .c file.

When MAINFILE.exe is created. To run RISC-V assemble code use

MAINFILE filename.asm

on your command prompt

or

- Write “make” on Cygwin or Linux command prompt to run Makefile and run a program using
./riscem <assemblyfilename.asm>
- Your RISC-V assembly code must include .main label from where execution will start.