

Future Work (cont)

Definitely future works

- modify the simple operating system and compile it using x86_64 version and test it with the emulation framework.
- study the MCS kernel and see if we can emulate the MCS scheduling.
- extend the minimusllibc as well as the IPC emulation library (emulated register set, calling conventions) to support more architecture, so make the framework architecture-independent.
- achieve binary compatibility vis **ptrace** or **Linux User Syscall Dispatch feature**. (currently only supported on x86 and kernel version ≥ 5.11)