ABSTRACT

GNU / Linux is an operating system similar to Unix and Linux as the kernel. The rapid development of GNU / Linux cannot be separated from the philosophy of open source. One method in developing a linux system is Linux From Scratch. The Linux Method From the Beginning was a development of the Linux distribution manually. This method teaches how to create a basic Linux system that can be approved as desired by the user. Some optimizations made are expected to improve the performance and usability of the built Linux system.

The test is done by comparing the LFS 8.4 system with an optimized system. Data from the test results show that the optimized LFS system has an advantage in makefile performance of 59.73%. The use of storage media is also reduced by around 2018 MB and optimization in "Performance" mode is 5%

Key Word : optimization, Linux From Scratch