

ABSTRACT

In the world of computer science, **kernel** is a software that become the main part of a Operating System. Its role is to attends many kind of application programs for save hardware accessing. Due to limitation in hardware accessing, meanwhile there are more than one program need to be attended, then kernel also in charge to organizes when and for how long a program can accessing one particular part of hardware. To generate a kernel configuration that suits the user needs and expectations, recompilation is done to obtain Linux kernel configuration that suits the user need, there are 3 Linux kernel configuration application program which used by nowadays users which are make config, make menuconfig, and make xconfig. All those application have different characteristic and different level of difficulties.

Linux kernel configuration application with more user friendly interface is needed, so linux kernel compliation can be done easier. Wizard is used, because it is considered as the most user friendly interface because the target user of this application is linux beginner user and has never done any re compilation toward linux kernel used before.

This application is standalone based and whrote by TCL (Tool Command language) programming language.

Keyword: Kernel,Gui,Tcl(tool command language)