

##C317292 : MAJOR COMPUTER SCIENCE
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WEERAPON SURATTISITTHIKORN : A VIRTUAL SCREEN PROGRAM FOR ASCII
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The unix system is the multitasking system which the users can do many jobs simultaneously. Normally, this is not convenient to do with ascii terminals. The problem is the interference of the output or contention of the input. This research has the objective to develop the software tools to help the unix user who works on ascii terminals to have the virtual screen up to 10 screens. It has the window system to manage the display.

This research comprises major components such as pseudo terminals, termcap, client-server model, and window system. The result turns out to be a good software tool. It can be improved by using unix system which has high speed data transmission between the host computer and the terminals such as through the Ethernet network.