CPU Efficiency Enhancement through Offload

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Abstract

There are several causes of slowness in personal computers. While working on a PC to regularly execute jobs of similar nature, it is essential to be aware of the reasons of slowness to achieve the optimal CPU speed. A CPU being the most important unit of the whole system must be offloaded from unnecessary jobs which are not required at that moment. The checklist for ensuring the optimal PC speed is a long one but the paper discusses some major factors of PC slowness. It is empirically discussed how a PC user can offload the CPU to achieve optimal CPU speed. It is quantitatively proved that offloading can speedup the CPU upto a significant level.

References


Index Terms

Computer Science  Power Systems

Keywords

Bubble Sort, Selection Sort, Gadgets, Offloading, Concurrent execution.