

CPU load

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System – COMPAQ tru64 (ES45) with 4 CPUs

Objective – To calculate the CPU utilisation of each CPU separately.

Current Progress Level

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Using the table() system call with TBL_SYSINFO flag, I get certain value for CPU utilisation (after some calculation with usr/nice/idle etc). I assume that this is the net CPU utilization for all 4 CPUs.

I also tried table() function with TBL_PROCESSOR_INFO flag, but it returns me a value greater than 100 for "load_avg" (in struct tbl_processor).

Is my above assumption for net CPU utilisation correct?

Please help me find out a system call for calculating utilisation of each individual CPU on my machine.

Please do not respond with user commands such as iostat/sar/aux etc. because due to a system limitation we cannot execute these commands from C code using "system" or "popen".