

## Annotation Summary

1 annotation by arthasftd



clock ticks to complete. During those 1,200 cycles, each thread executed 600 instructions. The CPI per thread for this function would be  $(1200 / 600)$  or 2.0. The CPI per core for this function would be  $(1200 / (600 + 600))$  or 1.0. Now assume the application was run again using three hardware threads and the same workload. Now each thread retired 400 instructions, for a total of 1200, in the same amount of time. The CPI per thread for the function would be different —  $(1200 / 400)$  or 3.0 for each thread. The CPI per core would

#1

p.1

