

Techniques for Optimization

5. Reducing memory footprint

• Cache misses stall the CPU effectively wasting cycles

- Reducing the amount of memory a performance sensitive section of code uses can reduce the time to execute. Why?

• Memory is more likely to be in lower levels

• Lower cache levels are Much faster

- If possible, use contiguous memory

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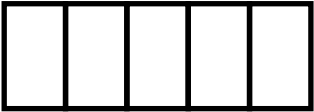




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