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Sorting Technique
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** !! THIS IS NOT AN INVENTION !! **

All the fuss for sorting stuff?

It is easy enough to refer to any book on these
algorithms to prove inserting into a binary tree
is faster than any known sorting algorithm.

I know of the bubble sort, merge sort, and heap
sort. These latter two are not much faster than
the former one. The bubble sort will take
n(n-1)/2 time complexity to sort the array. To
retrieve the sorted array, n iterations.

Well, as luck would have it, inserting into any
binary tree (red black tree, splay tree, avl tree,
etc) is faster. Sorting will take n(log(n)) time
complexity, and retrieval is again n iterations..

To prove this, implement a red-black tree and
compare using that to sort to any sorting algo.

The tree will win! Sorting 1 million 64-bit items
in c++ with a bubble sort will take almost 30 minutes.
With a red-black tree, I expect a matter of seconds.

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(My professor from Truman State did not understand)