
Subject: Re: Funny way how NOT to speedup sorting of small arrays

Posted by [tojocky](#) on Mon, 24 Aug 2009 15:29:22 GMT

[View Forum Message](#) <> [Reply to Message](#)

luzr wrote on Mon, 02 February 2009 00:06mr_ped wrote on Sun, 01 February 2009 14:13I think with 10+ elements already quicksort can pay off.

In U++, we maintain 16 as threshold.

Quote:

A well implemented quicksort will not hurt even with 2-3 elements that much.

There is only so much you can do with plain quicksort. All real quicksort algorithms switch to selection sort or insert sort when subsequence goes under certain threshold. It makes it quite faster.

Thus, if I could invent some faster variant for up to 16 elements, we would have a huge win...

Mirek

Founded on Wikipedia that one of the fastest sorting algorithm of small number of elements is Shell sort.

Here is another interesting article of sorting.

Ion Lupascu (tojocky)