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Subject: Sort refactored

Posted by [mirek](#) on Fri, 03 Aug 2012 17:20:02 GMT

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I have spent some time refactoring Sort algorithm, it should be now 15% - 30% faster and more resistant to "bad" input data (we are now using median of 3 and up to 2 partitioning reattempts with Random (mersene twister based) choice of new 3 elements to get the new pivot).

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Subject: Re: Sort refactored

Posted by [mirek](#) on Wed, 29 Aug 2012 16:06:13 GMT

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I have found that actual implementation does not behave well (is slow) when there are many duplicate values in the array; it should be now fixed by using "3-partition method" (introducing pivot partition of elements with the same value).

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