
Subject: Re: A new container in works: Flex - fast insertion vector

Posted by [mirek](#) on Thu, 20 Sep 2007 23:34:13 GMT

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sergei wrote on Thu, 20 September 2007 18:44 Have you benched this against Array? Array should be better than Vector in insert/delete (and maybe other things) for large-sized elements (not int, something like large classes).

Sergei, I have designed Array, I am well aware about that

But you can cheat the O numbers only to some degree. Both Array and Vector have basic insertion complexity $O(n)$, while this new beast has something like $O(\sqrt{N})$.

Note also that once you have base Flex implemented, adding ArrayFlex is trivial..

Mirek
