Subject: Re: Ptr improve
Posted by mirek on Sat, 28 May 2011 18:57:17 GMT

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cbpporter wrote on Tue, 24 May 2011 16:44
GC proponents have been hyping at least three things: no memory leaks, the advantage on parallel computing caused by a functional style combined with GC enabled more frequent allocations done to enable immutable data structures and and the responsiveness of allocation and deallocation.

I would say that the partial problem here is that there was huge development invested in GC, but much less in traditional malloc/free.

That said, I believe that the current iteration of U++ allocator is close to optimal and is able to beat any GC easily...

BTW, cross-thread free's are already deferred in U++ allocator - but that simply happens "behind the scene"... In-thread deallocation is usually about as 'complex' as one simple test, one load from memory and linking single element to the the double-linked list...

Mirek