Subject: Re: LIST performance
Posted by penteado on Sat, 06 Nov 2010 21:55:46 GMT
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On Nov 6, 7:07 pm, JD Smith <jdtsmith.nos...@yahoo.com> wrote:
> EXPAND-CONCATENATE accumulate: 0.19039917
> PTR accummulate: 0.40397215
> LIST accummulate: 1.5151551
>
> I'm not sure why this is. In principle, a lightweight, (C) pointer-
> based linked list should have very good performance internally. So,
> while very useful for aggregating and keeping track of disparate data
> types, LIST's are less helpful for working with large data sets.

Do you have the results as a function of number of elements? The curves will have different shapes, and the expected behavior might occur only on some ranges of values. For one thing, expand-concantenate is not a smooth function, and it also depends on another parameter (the size of the buffer).

There is one plot of that kind in Michael Galloy's post:

http://michaelgalloy.com/2010/07/22/idl-8-0-lists-and-hashes .html