Subject: Re: Dynamically resizing arrays
Posted by kenklare on Wed, 09 Feb 2005 19:00:38 GMT

Adding a row at a time requires time and memory to grow as the square
of the size.
Memory grows because the new chunk cannot reuse the old one, it is too
big.
Adding a chunk at a time reduces the coefficient by 100 or whatever.
Doubling increases time logarithmically.
This square growth can noticibly slow a program that does a lot of it.