Subject: Re: () and execution speed
Posted by David Fanning on Fri, 29 Jul 2005 16:41:31 GMT
View Forum Message <> Reply to Message

"Gert" <Gert.VandeWouwerNO @ SPAM.com> writes:

> I just played with and array of structures, each structure containing a
> (float) images.
> If i do
>
> SomeProc, psData[NumStruct].fIIm[1:1000]
>
> or
>
> SomeProc, (psData[NumStruct].fIIm)[1:1000]
>
> then the result is the same, but the second runs much slower. Anyone knows
> why this is so? My guess is that in the second run, a copy of the array is
> made.

Yes, the parentheses are creating a temporary copy to be
subscripted, I think.

> I would be interested to find out if there are more 'pitfalls' out there.

Oh, goodness. Then I would make a daily practice out of
consulting this newsgroup. You will be surprised what you
learn. :-)

Here are some examples:

  http://www.dfanning.com/code_tips/asterisk.html
  http://www.dfanning.com/code_tips/slowloops.html
  http://www.dfanning.com/tips/forloops.html
  http://www.dfanning.com/tips/forloops2
  http://www.dfanning.com/ographics_tips/slowrendering.html

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/