Subject: Short array memory allocation
Posted by ray.laymon064 on Thu, 10 Jul 2008 20:44:14 GMT

Hi Everyone,

I searched the posted messages but couldn't find the answer I am
looking for. Sorry if I repeat the same question.

I am dealing with some data in "grib" format. I perform a simple
operation on each file (open/extract single pixel). The array size of
each file is small (450*250), and I don't store any of the variables
at each loop (overwrite so no memory allocation is needed). However,
there are lots of files (~600,000).

I have a 2.5 Ghz dual-core 4GB memory laptop. When I run my script it,
the task manager tells me IDL uses ~ 12% CPU & ~32MB memory (total PC
CPU usage is ~ 16% and total PC memory usage is ~ 450MB)...And the
whole script takes ~1,5 hours.

I know, there are lots of small files, and naturally it takes time but
is there a way I can speed up the processing time?
Thanks,

Ray