Subject: Re: Confusion about nthread and ncore
Posted by Sergey Anfinogentov on Fri, 21 Nov 2014 11:59:45 GMT

It depends on the code.
The best way is to make an experiment using your computer and your code.

You can measure the execution time of your program with default settings then you can change threads count via "cpu,TPOOL_NTHREADS = 4" and ,measure the execution time again.

> Hi All
> It has always been confusing to me how IDL handles nthread and ncores.
> I have an i7 which has 4 physical cores and 8 threads.
> Matlab recognizes i7 as 4 cores and uses 4 threads. IDL recognizes i7 as 8 threads.
> In my opinion, in a computation-heavy program, 4 threads should be used instead of 8,
because using 8 threads actually slows down the program.
> Is this correct?