Subject: Parallel Processing
Posted by stefan.meingast on Thu, 28 Jun 2012 14:05:24 GMT
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Hi

I have developed a code which takes a couple of hours to run and I am aware of the fact that IDL automatically parallelizes some vector operations and one should prefer those instead of looping through arrays.

I have done all that but still I know I could speed up things by a factor of 2 when I do certain things on 2 cores.

For instance, somewhere in the program I pass some arrays to a function and this function then returns and equally large array with some calculated values. This is all done with one core since the operations in the function are not parallelized.

However, I could split up the input arrays into to equally large parts and perform the calcualtions for each of those two on one core. In the end, when both are finished I could just concatenate the result-arrays.

Is this possible in some easy way?

thanks for your help :)