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Subject: locate particles on a grid

Posted by [aman](#) on Mon, 14 May 2012 20:35:29 GMT

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I wrote a code in IDL to locate 10,000 particles over a grid of size : 512 x 512 using Kernel statistics, in particular Gaussian. This program has 3 FOR loops with an exponential calculation. It is really taking a long time to get me an output. Two days have already been over and this code is still running. I am not sure if IDL is good for this array size and 512x512 iterations.

My question is whether it is IDL problem or my code problem. I discussed it with other students and they suggested me to do this work in FORTRAN. But I am still not very sure about this, as many astronomers use IDL for their research.

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