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Subject: type conversion in GPULIB

Posted by [lecacheux.alain](#) on Fri, 09 Mar 2012 10:39:35 GMT

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On some computer equipped with a CPU/GPU combination (8 cores intel and Tesla C1050), I have a fast ADC which repeatedly delivers large int16 arrays to CPU memory. I would like to process them "in the fly" by using the GPU and GPULIB software. Functions to convert float and complex of various sizes are available in GPULIB.

Is it a way to convert int16 arrays to float arrays in GPU memory by using GPULIB (I would like to get faster conversion and smaller bus data transfer as well) ?

Thanks for any insight.

alx.

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