
Subject: Re: GDL 0.9.7 delivered

Posted by [Lajos Foldy](#) on Sun, 22 Jan 2017 19:10:19 GMT

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On Sunday, January 22, 2017 at 12:15:50 AM UTC+1, alai...@gmail.com wrote:

> Eg: with GCC 4.6
> option -DCMAKE_CXX_FLAGS_RELEASE='*-Ofast -march=native*'
> is way better than :
>
> with GCC 5.3, option
> cmake .. -DCMAKE_BUILD_TYPE=Release -DCMAKE_CXX_FLAGS_RELEASE='-Ofast
> -march=native'
> is much better than the default one

Are you sure you want -Ofast? You'll get wrong answers faster :-)

regards,
Lajos

-Ofast

Disregard strict standards compliance. -Ofast enables all -O3 optimizations. It also enables optimizations that are not valid for all standard-compliant programs. It turns on -ffast-math and the Fortran-specific -fno-protect-parens and -fstack-arrays.

-ffast-math

Might allow some programs designed to not be too dependent on IEEE behavior for floating-point to run faster, or die trying. Sets -funsafe-math-optimizations, -ffinite-math-only, and -fno-trapping-math.

-funsafe-math-optimizations

Allow optimizations that may be give incorrect results for certain IEEE inputs.
