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Interactive comment on "A fast input/output library for high resolution climate models" *by* X. Huang et al.

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Dear David,

I mode some mistakes about the I/O time in CICE case at previous reply. Sorry for that.

As shown in the Fig. 7 with N=320, you can read from the white stripe that the pure computing time is 500 seconds, and you can read from the the black stripe that the computing time plus the I/O time is 1233 seconds. In a sense, the I/O time in original CICE with serial NetCDF library is 1233-500=733 seconds. Using CFIO, we not only overlapped the computation phase with I/O phase at client side, but also reduced the I/O time by using Parallel netCDF (PnetCDF) library at server side. The PnetCDF library has been integrated into CFIO. So our final score is 557 seconds when N=320,

M=64.

I hope my reply gives you some needed answers.

Thanks, Xiaomeng

Interactive comment on Geosci. Model Dev. Discuss., 6, 4775, 2013.