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Subject: Re: time cost for file reading increasing!!! same file!

Posted by [wlandsman](#) on Tue, 09 Feb 2010 02:04:08 GMT

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On second thought, the OP is only reading, not writing, to disk, so the memory cache may not be relevant.

On Feb 8, 9:00 pm, wlandsman <wlands...@gmail.com> wrote:

> On Feb 8, 6:20 pm, minchen <mchen...@gmail.com> wrote:

>

>> Hi everyone,

>> I meet a mysterious problem on IDL file reading.

>> The problem is as following:

>> I just read the same hdf5 file several times and see the time costing.

>> I find the first 270 file reading is very quickly but after that, the

>> reading speed drops down although the file is the same one.

>

> I am reaching here, but maybe the problem is similar to one discussed

> in an earlier thread (<http://tinyurl.com/yzrzd96>) where the correct

> question should be "Why is the file reading so fast to start

> with?" Those fast times are deceptive because the IDL thinks the I/

> O operation is complete after it has passed the data to the memory

> cache, but the OS has not yet written the data to disk. Once the

> memory cache fills, then IDL has to wait until the data is written to

> the mechanical disk, but those longer times are a better measure of

> the time to write the data to disk.

>

> --Wayne

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