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

Posted by [wlandsman](#) on Tue, 09 Feb 2010 02:00:14 GMT

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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/yzrvd96>) 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
