
Subject: Re: Read Large files

Posted by [David Fanning](#) on Tue, 28 Aug 2012 17:28:49 GMT

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Gompie writes:

- > I want to read in 58 gb of data that is spread over several files (having records)of size ranging from 7.6gb to 1gb.
- > What is the fastest way to read these data files.
- > Right now I read in each data record and it takes 6 hrs to do the reading.

I would think the fastest way would be to write a letter to the Minister of Technology outlining why you need a new, more powerful machine ASAP.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Read Large files

Posted by [wlandsman](#) on Tue, 28 Aug 2012 18:23:12 GMT

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It should be faster to read as much as your memory will allow in each READ statement. You say that you read "each data record". If each data record is a small fraction of your file size then it will take a long time to read the file. Preferably you can read your entire file in a single READU call.

--Wayne

On Tuesday, August 28, 2012 1:19:03 PM UTC-4, Gompie wrote:

- > Hi,
- >
- > I want to read in 58 gb of data that is spread over several files (having records)of size ranging from 7.6gb to 1gb.
- >
- > What is the fastest way to read these data files.
- >

> Right now I read in each data record and it takes 6 hrs to do the reading.
>
> Thanks in advance
>
> Gompie

Subject: Re: Read Large files
Posted by [Gompie](#) on Sat, 01 Sep 2012 01:29:59 GMT
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Thanks WLandsman,
It works now. I segmented the data into smaller files and removed the possibility of using loops
