Subject: Re: Read Large files

Posted by David Fanning on Tue, 28 Aug 2012 17:28:49 GMT

View Forum Message <> Reply to Message

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

View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

Thanks WLandsman,

It works now. I segmented the data into smaller files and removed the possibility of using loops