
Subject: Re: Read large ascii file quickly

Posted by edward.s.meinel@aero on Fri, 07 Jan 2011 14:39:28 GMT

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On Jan 6, 4:39 pm, Paul Magdon <paulmag...@yahoo.de> wrote:

> Dear all,

> I have to read a large ascii file (2.5e+07 lines) into a 5000x5000 intarr. The code below works fine but it takes roughly 15-20min on my machine(not the oldest :)). Any suggestions how to accelerate this?

>

> CODE:

>

> OPENR, unit, file, /GET_LUN

>

> result = INTARR(5000,5000, /NOZERO)

> count=0d

> WHILE (NOT EOF(unit)) DO BEGIN

> READF, unit, a,b,c,d,e,f

> print, count

> result(count) =FIX(f)

> count++

> ENDWHILE

>

> CLOSE, unit & FREE_LUN, unit

You could try all of the above suggestions; you could even use READ_ASCII. But, there is no two ways about it -- reading ascii files is slow. Always has been, always will be.
