

Re: process a BIG string

Source: <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2006-10/msg00284.html>

- *From:* "_q_u_a_m_i_s's" <quamis@xxxxxxxx>
 - *Date:* 5 Oct 2006 08:42:24 -0700
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I won't hit the memory limit because i only read about 10 to 64Kb at a time from the file, process it and output it to the other one.

I'm not sure that increasing the execution time will be the solution, this thing should be able to process files of about 100-200Mb, and if i need 30seconds for a 2-3Mb file, i can't imagine how long it will take to process a 100Mb file. during this time the user won't get any feedback...

I'm going to take your solution into consideration, longer execution time and a FAST server might do the trick...

Erwin Moller a scris:

quamis@xxxxxxxx wrote:

Hi,
i need to process every character in a file, so i open the file read in buffers of about 8192bytes and process each buffer, then i write the output to another file.

the problem is that with large files(>8Mb) i get a script error(Fatal error: Maximum execution time of 30 seconds exceeded).
i access every character in the buffer with
`$chr=ord($bufferIn{$i});` (where `$i=0...8192`)
seems like all the time the script consumes is in the for loop and the `chr/ord` functions.

can i do something to speed things up?
is there any other way of accessing a single character except
`$bufferIn{$i}` ?

Hi,

I am not sure if you can speed things up in your script, but why not simply increase the `max_execution_time`?

This can be done with
`ini_set("max_execution_time",60);`

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for 60 seconds.

Have a look here for more options:

<http://nl2.php.net/manual/en/ini.php#ini.list>

You might also hit the roof of your memory usage if you handle and process very large file. In that case look at: `memory_limit` (defaults to 8MB)

Hope that helps.

Regards,
Erwin Moller