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Java MySQL paginating



Im am trying to do pagination as efficent as possible. Currently, i work with a database that has over 5 milion records.

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I tried with LIMIT pageSize, startIndex, like this: Select (a.id) From Article aLIMIT 50, 0 In here, the pageSize is 50 and startIndex = 0.

 \star

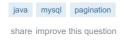
But this is only good if you don't go to deep through the pages. The solution was not to use startIndex, but only the pageSize:

Select (a.id) From Article aORDER BY a.id LIMIT 50

Next page would be: SELECT (a.id) FROM Article a WHERE a.id > lasId ORDER BY a.id

But without the startIndex, it is only possible to go forwards, and only one step backwards.

Is there a better way to do pagination in Java and Mysql?



asked Feb 4 '13 at 20:23 user1786646 71 • 8

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I'm not sure why you think the LIMIT technique is only good if you don't go too deep through the pages. You can just keep moving through them 50 records at a time, changing the offset (aka startIndex) as you go. - jfrank Feb 4 '13 at 20:31

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2 Answers

Read this article about proper ways to do pagination in MySQL (with large data sets): http://www.xarg.org/2011/10/optimized-pagination-using-mysql





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You can always do this:



int pageNum = ?;
int pageLength = 50;
String query = String.format(

asked 3 years ago viewed 1249 times active 3 years ago



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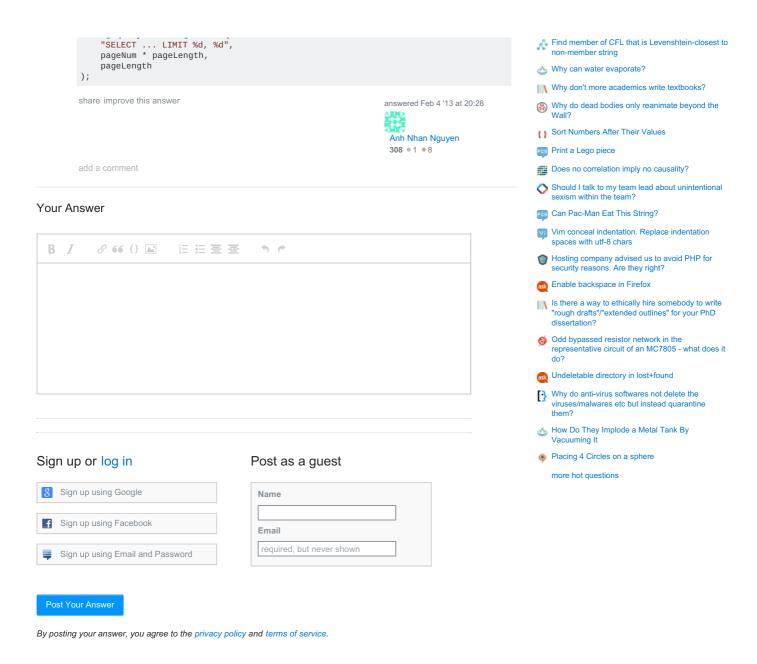
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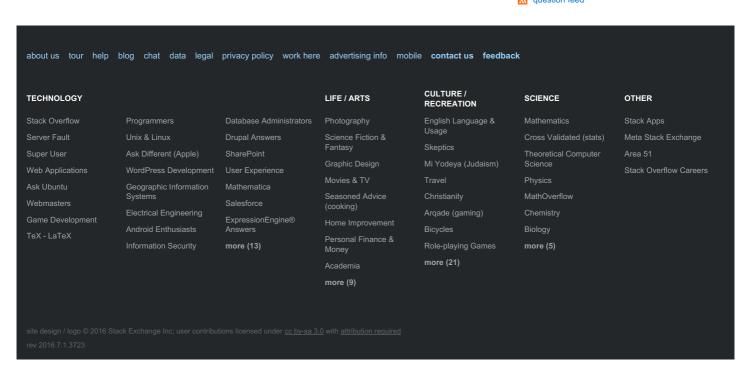
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