

# Re: Fastest String search

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2006-12/msg00412.html>

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- *From:* ShaneO <[spcacc@xxxxxxxxxxxxxxxxxxx](mailto:spcacc@xxxxxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 01 Dec 2006 17:05:43 +1000
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beersa wrote:

Hi All,

I have to query the database with the string from text file. Here are the details:

OS: WinXP Home Pro  
DB: Oracle 9.x

The table in DB has 20,000 rows. The text file has 15,000 rows. I wrote a program and read the string from text file and run SELECT query in DB to look for the string. The program read line by line. That mean, For each line the SELECT query is running, i.e. 15,000 times.

I use Streamreader class to read the text file and OracleDataReader class to query the database.

Can anyone suggest me the better approach or design?

Thanks & Regards,  
BeerSa

Beersa, at the risk of starting a barrage of complaints regarding Portability/Compatibility and cries of "It's just not done that way", have you ever thought of Rolling Your Own? By this I mean writing your own Binary File Access method and reading the Oracle database records without using any database engine.

If you're looking for speed then nothing will beat it!

I've often done this for clients who want VERY, VERY fast access to information embedded in large databases. Using this type of method will open the opportunity of reading, and scanning, tens-of-thousands of records per second and locating the text you require faster than anything you've probably ever seen before.

Just my thoughts.... You did ask for the "Fastest String Search"!!!

ShaneO

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There are 10 kinds of people – Those who understand Binary and those who don't.

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