
Subject: Re: Speeding Up Oracle DataBase Access with IDL DataMiner
Posted by [Randall Skelton](#) on Mon, 22 Aug 2005 22:03:59 GMT

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Hi Chris,

So I use neither the Dataminer nor Oracle but access a large (multi-terabyte) PostgreSQL database with IDL all the time.

Is this a case of the query your doing simply taking a long time to execute (i.e. on the server) or a case of the volume of data being returned is very, very large? If you execute the SQL query outside of IDL with 'explain plan query', what do you get? Some quick tutorials are at,

<http://www.adp-gmbh.ch/ora/explainplan.html>

http://www.evolt.org/article/Use_Oracle_s_Explain_Plan_to_Tune_Your_Queries/17/2986/
<http://www.oracle-base.com/articles/8i/ExplainPlanUsage.php>

and there are plenty of others on the web. This will give you an idea of how long the query itself is taking to execute on the backend server. If it is taking too long, you'll need to look at optimizing the query by adding indexes or clever SQLisms. If it is a data volume issue, then you may need to restrict yourself to subset of your data to avoid excessive network bandwidth and/or memory swapping.

The inability to use IDL during your query is typical 'blocking' behaviour. I don't believe that the dataminer supports non-blocking communication with the backend SQL server.

Good luck,
Randall
