

## Re: [PHP] ODBC and long text fields

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  - *Date:* Mon, 08 Jan 2007 03:26:51 +0100
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no real answer, but ...

Larry Garfield wrote:

Hi all. I've a question regarding PHP's ODBC support.

Here's the situation:

We've a PHP app that uses ODBC to talk to a MS SQL server. Its original home was on a server that used the OpenLink ODBC driver, which was a POS, so we build an abstraction wrapper around the subset of PHP's ODBC functions that we were able to use to make it usable. The internal code for a query is built on `odbc_exec`, `odbc_fetch_row`, and `odbc_result`. The main interesting part is that the original driver didn't allow for named results, so instead we have a small string parser that reads the incoming SQL query, extracts the field names, and then uses that to map the numeric result indexes to their field name. Kinda clunky, but worked well and used only a minimal ODBC footprint.

That worked fine on their old system. However, the client then moved from a Windows IIS server to Apache and PHP 5.1.6 on a Linux box, but still talking to an MS SQL server on a Windows box. We migrated our test environment to the same; Linux/Apache/PHP 5.1 talking to MS SQL on a Windows box over the network. Our system uses the `unix_ODBC` and `freetds` stack for ODBC connectivity, and that works fine.

On the client's system, it works fine except for a few odd cases. Specifically, on a few queries that pull data from large text fields the query may hang. It seems to reliably hang on certain records only, and only after those records have been edited. It seems that when updating a record, there is a small chance of something happening to that record and it then not working thereafter. A PHP test script run from the command line freezes, while the same query run directly on the SQL server returns almost instantly.

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Re: [PHP] ODBC and long text fields

Now I'll be honest and say I don't quite follow what they're talking about. I do not claim to be an ODBC guru, but SQLGetData is a lower-level operation, SQL level or C level I don't know, but not something that happens in PHP code as far as I am aware. Are they saying there's a bug in PHP's `odbc_fetch_row()`? Or is it a bug in their driver if it can't handle whatever it is `odbc_fetch_row()` does internally? Or should we be using `odbc_result()` instead of `odbc_fetch_row()` if we're dealing with a text field rather than a `varchar` or `int`?

the way I read it `odbc_result()` is just an