

Re: anyway to determine # rows before fetch loop ends and without seperate count(*)

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Source: <http://coding.derkeiler.com/Archive/Perl/perl.dbi.users/2005-11/msg00129.html>

- *From:* denials@xxxxxxxx (Dan Scott)
 - *Date:* Wed, 16 Nov 2005 17:46:30 -0500
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On 11/16/05, Rob Craig <rcraig@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:
> I am using DBD::mysql and I can get the number of rows by assigning the
> result of the execute to a scalar:
>
> my \$rows = \$sth->execute or die "Couldn't execute statement: " .
> DBI->errstr;
>
> maybe this doesn't work with DBD::Oracle?
>
> Rob

When you execute a SELECT statement in MySQL, it (by default) immediately returns all of the rows back to you under the covers, which is why it is able to give you a row count. Woe betide you if your SELECT statement returns a million rows.

>
> listmail@xxxxxxxxxxxxxxxx wrote:
> #Here's an example which shows what I am trying to accomplish. If I
> can determine the number of rows before pushing the data, this can
> simply things for #me when processing the data throught my scripts.
> #
> use warnings;
> use strict;
> use DBI;
> use DBD::Oracle;
>
> my \$sql=q{ select name, location
> from mytable
> };
>
> my \$dbh;
>
> eval {
> \$dbh = DBI->connect("dbi:Oracle:MYDB",
> 'dbuser', 'dbpass',
> {

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```
> RaiseError => 1,
> AutoCommit => 0,
> ora_session_mode => 0
> }
> );
> };
>
> if ( $@ ) {
>   outprint('end',"$DBI::errstr\n");
> }
>
> my $sth=$dbh->prepare($sql) or die "Couldn't prepare statement: " . DBI-
>
>
>   errstr;
>
> $sth->execute or die "Couldn't execute statement: " . DBI->errstr;
>
> my $ary;
>
> while ($ary = $sth->fetchrow_array()) {
> #I need to determine number of rows as this will affect
> whether a matrix is used or not
> #a boolean variable $matrix could be returned or a ref
> check done so that the data
> #processing code can act accordingly
> #$sth->rows only shows total rows after the while loop
> is processed
> #Can I accomplish this without a seperate count(*)
> statement?
> #
> #push @newary,[ @{$ary} ]; # if more than one row
> #or
> #push @newary, @{$ary} ; # single row
> }
>
> $sth->finish;
>
> $dbh->disconnect;
> #
> #ActivePerl 5.8.7 813
> #ppm
> #-DBD-Oracle 1.16
> #-DBI 1.48
>
>
>
>
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.13.3/173 – Release Date: 11/16/2005
```

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>
>
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- **References:**

- ◆ [anyway to determine # rows before fetch loop ends and without seperate count\(*\)](#)
 - ◇ From: listmail

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