

## RE: binding multiple values and retain blanks

**Source:** <http://coding.derkeiler.com/Archive/Perl/perl.dbi.users/2004-10/0280.html>

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**From:** Ron Reidy (*Ron.Reidy\_at\_arraybiopharma.com*)

**Date:** 10/22/04

Date: Fri, 22 Oct 2004 13:35:29 -0600

To: <Ravi.Kongara@Sun.COM>, "DBI-Users" <dbi-users@perl.org>

Create a global temporary table and insert the values used in the where clause into it. Join this table to the main table in your query.

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-----Original Message-----

From: Ravi Kongara [mailto:Ravi.Kongara@Sun.COM]

Sent: Friday, October 22, 2004 1:32 PM

To: DBI-Users

Subject: binding multiple values and retain blanks

Hi,

I'm trying to run query like this:

```
.....  
use DBI;  
use strict;  
  
$dbh = DBI->connect( "dbi:Oracle:$host_db", $host_user, $host_passwd,  
                    { AutoCommit => 1, RaiseError => 1, PrintError => 0 } );  
  
$sql = "select col1,col2,col3,col4,col5,col6 from tab1  
       where (col1,col2,col3) in ( (?,?,?), (?,?,?), (?,?,?), (?,?,?)  
       ...500 times )";  
  
$sth = $dbh->prepare( $sql );  
  
while loop {  
my @bind_values = ( $val1, $val2, $val3,....$val500 );  
  
$sth->execute(@bind_values);  
$result_set_ref = $sth->fetchall_arrayref();  
} end loop
```

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```
# A while loop is required here as i can't bind all of values ( > 10,000
) at a time as
# i 'm hitting Oracle's SQL query length limit of 64k ( bytes? ).
.....
```

When i do like above, trailing spaces are lost, as DBI treats default type as VARCHAR2.  
So i have to bind one value at a time and specify type as CHAR in order to retain blanks.

```
ex: for my $i ( @bind_values ){
    $sth->bind_param( $i, $bind_values[$i], {ora_type => ORA_CHAR} );
}
```

My question here is, can i bind all the 500 values at a single step, something like " \$sth->bind\_params( @bind\_values, {ora\_type => CHAR} );

(or)

Can i set a flag to tell DBI to retain blanks..?. I guess Chopblanks() works only if we bind it as CHAR.  
Is there a way we can set Chopblanks() for VARCHAR2/default type.

(or)

Can i execute() by specifying type, like "\$sth->execute(@bind\_values, {ora\_type => CHAR} );"

Any suggestion is highly welcome.

Thanks,  
Ravi

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