

# Cannot Insert into Oracle

**Source:** <http://coding.derkeiler.com/Archive/Perl/perl.dbi.users/2005-02/0096.html>

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To: [dbi-users@perl.org](mailto:dbi-users@perl.org)

Hello everyone,

I'm trying to insert into an oracle db. There's nothing wrong with the connection it seems, I can retrieve records from the db just fine. However, I can't seem to commit.

Here's my code:

Note: the line with the regex in it is just to parse the text file so that I can have the correct values in each variable. The purpose of the perl script is to parse a text file, then store each line as a record in an oracle database, as well as create an HTML page to list the data.

```
#!/usr/bin/perl
```

```
use DBI;
```

```
my $db = DBI->connect('dbi:Oracle:NelOraDB', 'system', 'bell',  
{RaiseError => 1, AutoCommit => 0}) || die "Database connection not  
made: $DBI::errstr";
```

```
use Fcntl;
```

```
open (INFILE, "/home/nyik/snmp_poller_data.txt") or die "Couldn't open  
snmp_poller_data.txt";
```

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```
open (FD, "+>/usr/local/apache2/htdocs/snmp.html") or die"Couldn't open
snmp.html";
```

```
# read in each line from the input and print to output
```

```
print FD "<table border=1>";
```

```
print FD "<tr><td><b>MIB</b></td><td><b>Var</b></td><td><b>Var
Type</b></td><td><b>Var Value</b></td></tr>";
```

```
while(<INFILE>)
```

```
{
```

```
    $line = $_ ;
```

```
    # print FD "<tr><td>$line</td></tr>";
```

```
    if ($line =~
/((\w*|\d*)*)MIB::(\w*(\.(d*))*)\s*=\s*(\w*|\d*)*:\s*(.*)/)
```

```
    {
```

```
        $mib = $1."MIB";
```

```
        $var = $3;
```

```
        $vartype = $6;
```

```
        $varvalue = $8;
```

```
    } else {
```

```
        print FD "<tr><td colspan=4>$line</td></tr>";
```

```
        $mib = "<b>WRONG!!!</b>";
```

```
        $var = "<b>WRONG!!!</b>";
```

```
        $vartype = "<b>WRONG!!!</b>";
```

```
        $varvalue = "<b>WRONG!!!</b>";
```

```
    }
```

```
    $sql = qq{ INSERT INTO SNMP_DATA_TABLE VALUES ( ?, ?, ?, ? ) };
```

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```
$sth = $dbh->prepare( $sql );

eval {

    $sth->bind_param( 1, $mib, SQL_VARCHAR2);

    $sth->bind_param( 2, $var, SQL_VARCHAR2);

    $sth->bind_param( 3, $vartype, SQL_VARCHAR2);

    $sth->bind_param( 4, $varvalue, SQL_VARCHAR2);

    $sth->execute();

    $dbh->commit();

};

#if ( $@ ) {

# warn "Database error: $DBI::errstr\n";

# $dbh->rollback();

#}

print FD "<tr>";

print FD "<td><font face=arial size=1>$mib&nbsp;</font></td>";

print FD "<td><font face=arial size=1>$var&nbsp;</font></td>";

print FD "<td><font face=arial size=1>$vartype&nbsp;</font></td>";

print FD "<td><font face=arial
size=1>$varvalue&nbsp;</font></td>";

print FD "</tr>";

}

close(INFILE);
```

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```
close(FD);

$sql = qq{ SELECT * FROM SNMP_DATA_TABLE };

$sth = $db->prepare( $sql );

$sth->execute();

$sth->bind_columns(undef,\$m, \$v, \$type, \$value);

while( $sth->fetch() ) {

    print "$m, $v, $type, $value\n";

}

$sth->finish();

$db->disconnect();
```

Thanks so much!

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