

## Re: MySQLdb question... using table name as arg

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- *From:* Jim Segrave <jes@xxxxxxxxxxxxxx>
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In article <%cNEf.19800\$sA3.14913@fed1read02>,  
Sean Berry <sean@xxxxxxxxxxxxxxxxxxxxxx> wrote:

I have four tables that all have the same column names (50 in each.)

I have created an admin program to edit, delete and add records to the tables and would like to use the table name as a variable in each query so the code can be used for each of the 4 tables. Usually I would do something like this by having 1 table with special column to categorize the records as I am doing with each table, but this specific application requires that I do it with 4 tables instead.

To ensure that string are quoted properly without any hassle I use the execute function like so assuming c is my cursor object...

```
c.execute("update tableName set col1 = %s, col2 = %s, col3 = %s, ...",  
(val1, val2, val3, ...))
```

But, not I want to do this with a variable tableName. If I add it to the tuple of parameters in the second arg before val1 and replace tableName with %s, then the tableName will be quoted in the query, causing an error.

What is the best (easiest) way for me to accomplish this? I know it may be a stupid question but I just can't figure it out.

How about interpolating the table name into the string:

```
c.execute("update %s set col1 = %%s, col2 = %%s, col3=%%s" % (sometable), \  
['the', 'cat', 'in the hat'])
```

Note the need to double the %'s for the parameters to be bound.

—  
Jim Segrave (jes@xxxxxxxxxxxxxx)

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