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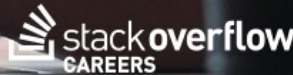


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date time pass value from python to mysql

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I kept having sql syntax error.. what am I missing in here in order to pull data by day.

Here's my python error :

```
pyodbc.ProgrammingError: ('42000', "[42000] [MySQL][ODBC 5.1 Driver][mysqld-5.1.63rel13.4-log]You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '%s and date_created < %s ,(start, next)' at line 11 (1064) (SQLExecDirectW)")
File "d:\sasdev\datax\program\py\global.py", line 33, in <module>
    """
```

Here's the code :

```
start = datetime.date(2012,01,01)
next = start + datetime.date.resolution

while next <= datetime.date.today():
    print start, next

    cur_ca.execute("""
        select id,
        date_created,
        data
        from bureau_inquiry where date_created >= %s and date_created < %s %(start,
next)
    """)
    start = next
    next = start + datetime.date.resolution
```

python mysql database date

edited Sep 21 '12 at 18:09



Martijn Pieters ♦

452k ● 58 ● 1056 ● 1237

asked Sep 21 '12 at 18:07



JPC

925 ● 3 ● 20 ● 47

1 Answer

You execute a query with formatting parameters but never pass these in; the `% (start, next)` part goes *outside* of the SQL query:

```
cur_ca.execute("""
    select id,
    date_created,
    data
    from bureau_inquiry where date_created >= %s and date_created < %s
    "" " % (start, next)
    )
```

You would be better off using SQL parameters however, so the database can prepare the query and reuse the query plan:

```
cur_ca.execute("""
    select id,
    date_created,
    data
    from bureau_inquiry where date_created >= ? and date_created < ?
    """, (start, next)
    )
```

PyODBC uses `?` for SQL parameters.

answered Sep 21 '12 at 18:10



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