

## PYTHON COMMANDS

```
>>> import json

>>> d = {'name': 'xpleaf'}

>>> type(d)

<type 'dict'>

>>> d_json = json.dumps(d)

>>> d_json

'{"name": "xpleaf"}'

>>> type(d_json)

<type 'str'>

>>> import MySQLdb

>>> conn = m.connect(host='localhost', port=3306, user='root', passwd='123456', db='spylinux')>>> cur =
conn.cursor()

>>> tsq1 = "insert into jsondata(data) values('{json}')";

>>> sql = tsq1.format(json=MySQLdb.escape_string(d_json));

>>> sql

'insert into jsondata(data) values(\'{\\\\"name\\": \\"xpleaf\\"}\\')'

>>> cur.execute(sql)

1L

>>> cur.execute(sql)

1L

>>> cur.execute('select * from jsondata');

1L

>>> mydata = cur.fetchall()

>>> mydata

((1L, '{"name": "xpleaf"}'),)

>>> mydata = mydata[0][1]

>>> mydata

'{"name": "xpleaf"}'
```

```

>>> type(mydata)
<type 'str'>
>>> mydata = json.loads(mydata)
>>> mydata
{u'name': u'xpleaf'}
>>> type(mydata)
<type 'dict'>
>>> mydata['name']
u'xpleaf'
>>> mydata.get('name')
u'xpleaf'

```

## SQL COMMANDS

```

mysql> create table jsondata
-> (
-> id int(6) auto_increment primary key,
-> data blob(1024)
-> );

```

Query OK, 0 rows affected (0.25 sec)

```
mysql> show tables;
```

```

+-----+
| Tables_in_spylinux |
+-----+
| jsondata           |
| test               |
+-----+

```

2 rows in set (0.00 sec)

mysql> describe jsondata;

Field	Type	Null	Key	Default	Extra
id	int(6)	NO	PRI	NULL	auto_increment
data	blob	YES		NULL	

2 rows in set (0.00 sec)

mysql> select \* from jsondata;

id	data
1	{"name": "xpleaf"}

1 row in set (0.00 sec)