Generate 1000 values from Python and add them to SQLITE database

Thursday, 23 February 2012

Let's say we want to generate 1000 values of a string and an int and add them to a Python database.

To accomplish that we will use os, binascii and random module.

See next example, it's self explanatory:

random_values.py#!/usr/local/bin/python

```
str_length = 5

import os, binascii, random

os.popen("sqlite3 example.db \"create table person(name TEXT, age integer);\"")

for i in range(1,1001):
    rand_name = binascii.hexlify(os.urandom(str_length))
    print rand_name
    rand_age = random.randint(15,40)
    print rand_age

    str = "sqlite3 example.db \"insert into person(name, age) values(\'%s\',\'%d\');\"" % (rand_name , rand_age)
    print str
    os.popen(str)
```

Of course this can be done also by using sqlite3 python module. But I am just lazy.