การลง neo4j-python ใน ubuntu 10.04 [1]

เขียนโดย sake [2] เมื่อ 2011-02-02 08:46



อย่างแรก คือตอนนี้ผมใช้ ubuntu 10.04 แต่ต้องใช้ neo4j เพราะว่าใช้ใน thesis
เลยจะลงตัว neo4j-python ซึ่งเป็นตัว binding

ตัว neo4j เป็น graph database ตัวหนึ่งที่ opensource ให้ใช้ฟรี แบบ GFPL
ซึ่งอาจจะเรียกว่า เป็น nosql ตัวหนึ่ง ความพิเศษตรงที่มัน bindng python นี่ล่ะครับ
เพราะผมต้องการใช้ร่วมกับ django แถมมันมีตัวอย่าง app ที่สร้าง model ให้ โดยไม่ต้องแก้อะไรมาก
เปลี่ยนตรง model แทน เอาไว้พอคล่องเดี๋ยวคงมาเขียนบล็อก

เริ่มต้นเลย คือ เนื่องจากมันเป็น java ที่ binding มาครับ เลยต้องใช้ตัว binnding ทีแรกลง jython
แต่ใน ubuntu ลงไม่ได้ เพราะเป็นรุ่นเก่า 2.2 เลยต้องดึงมาจาก debian sid แทน

พอลงปุ้บ ก็เจอปัญหาเลย

1. sake@sake [3]-laptop:~/project/Thesis/tools$ svn export https://svn.neo4j.org/components/neo4j.py/trunk [4] neo4j-python
2. sake@sake [3]-laptop:~/project/Thesis/tools/neo4j-python$ cd neo4j-python
3. sake@sake [3]-laptop:~/project/Thesis/tools/neo4j-python$ sudo jython setup.py install
4. setup.py:54: UserWarning: Setuptools is not available.
5. You will need to make sure that you either have JCC installed prior to
6. installing Neo4j.py, or that you have JPype installed alongside with
7. Neo4j.py. With setuptools these could have been automatically installed.
8.
9. warnings.warn("""Setuptools is not available.
10. Traceback (most recent call last):
11. File "setup.py", line 146, in <module>
12. main()
13. File "setup.py", line 134, in main

```
14.     args[attr] = pom[attr]
15.   File "/home/sake/project/Thesis/tools/neo4j-python/pom.py", line 59, in __getitem__
16.     return self.pattern.sub(lambda match:self[match.groupdict()['var']],
17.   File "/home/sake/project/Thesis/tools/neo4j-python/pom.py", line 59, in <lambda>
18.     return self.pattern.sub(lambda match:self[match.groupdict()['var']],
19.   File "/home/sake/project/Thesis/tools/neo4j-python/pom.py", line 54, in __getitem__
20.     element = self.parent[path]
21.   File "/home/sake/project/Thesis/tools/neo4j-python/pom.py", line 93, in __getitem__
22.     return replacement.get(path, lambda s,x:x)(self, self.__pom[path])
23.   File "/home/sake/project/Thesis/tools/neo4j-python/pom.py", line 58, in __getitem__
24.     raise KeyError(path)
25. KeyError: 'project.artifactId'
26. sake@sake [3]-laptop:~/project/Thesis/tools/neo4j-python$
```

หลังจากงมอยู่นาน ก็พบว่าต้องไปแก้ในไฟล์ pom.py ดังนี้ครับ

```
1.         if element is None and self.parent is not None:
2.             element = self.parent[path]
3.         if element is None:  # added
4.                 element = self.tree.findtext(self.__path('dependencies'))  # added
5.         if element is None:
6.             raise KeyError(path)
7.         return self.pattern.sub(lambda match:self[match.groupdict()['var']],
8.                                 element)
```

จากนั้น ก็ลงได้แล้ว

1. sake@sake [3]-laptop:~/project/Thesis/tools/neo4j-python$ sudo jython setup.py install
2. setup.py:54: UserWarning: Setuptools is not available.
3. You will need to make sure that you either have JCC installed prior to
4. installing Neo4j.py, or that you have JPype installed alongside with
5. Neo4j.py. With setuptools these could have been automatically installed.
6.
7. warnings.warn("""Setuptools is not available.
8. running install
9. running build
10. running build_py
11. package init file 'dependencies/__init__.py' not found (or not a regular file)
12. copying dependencies/geronimo-jta_1.1_spec.jar -> build/lib/neo4j/classes
13. copying dependencies/junit.jar -> build/lib/neo4j/classes
14. package init file 'dependencies/__init__.py' not found (or not a regular file)
15. running install_lib
16. creating /usr/share/jython/Lib/site-packages/neo4j
17. copying build/lib/neo4j/_index.py -> /usr/share/jython/Lib/site-packages/neo4j
18. creating /usr/share/jython/Lib/site-packages/neo4j/_backend
19. copying build/lib/neo4j/_backend/reflection.py -> /usr/share/jython/Lib/site-packages/neo4j/_backend
20. copying build/lib/neo4j/_backend/jcc.py -> /usr/share/jython/Lib/site-packages/neo4j/_backend
21. copying build/lib/neo4j/_backend/cli.py -> /usr/share/jython/Lib/site-packages/neo4j/_backend
22. copying build/lib/neo4j/_backend/__init__.py -> /usr/share/jython/Lib/site-packages/neo4j/_backend

23. copying build/lib/neo4j/_backend/pure.py -> /usr/share/jython/Lib/site-packages/neo4j/_backend
24. copying build/lib/neo4j/_backend/native.py -> /usr/share/jython/Lib/site-packages/neo4j/_backend
25. copying build/lib/neo4j/tracsupport.py -> /usr/share/jython/Lib/site-packages/neo4j
26. copying build/lib/neo4j/__bootstrap__.py -> /usr/share/jython/Lib/site-packages/neo4j
27. copying build/lib/neo4j/_util.py -> /usr/share/jython/Lib/site-packages/neo4j
28. creating /usr/share/jython/Lib/site-packages/neo4j/model
29. copying build/lib/neo4j/model/__init__.py -> /usr/share/jython/Lib/site-packages/neo4j/model
30. copying build/lib/neo4j/_py_compat.py -> /usr/share/jython/Lib/site-packages/neo4j
31. creating /usr/share/jython/Lib/site-packages/neo4j/_hooks
32. copying build/lib/neo4j/_hooks/__init__.py -> /usr/share/jython/Lib/site-packages/neo4j/_hooks
33. copying build/lib/neo4j/util.py -> /usr/share/jython/Lib/site-packages/neo4j
34. copying build/lib/neo4j/_traverse.py -> /usr/share/jython/Lib/site-packages/neo4j
35. copying build/lib/neo4j/__init__.py -> /usr/share/jython/Lib/site-packages/neo4j
36. copying build/lib/neo4j/_core.py -> /usr/share/jython/Lib/site-packages/neo4j
37. creating /usr/share/jython/Lib/site-packages/neo4j/classes
38. copying build/lib/neo4j/classes/neo4j-kernel.jar -> /usr/share/jython/Lib/site-packages/neo4j/classes
39. copying build/lib/neo4j/classes/junit.jar -> /usr/share/jython/Lib/site-packages/neo4j/classes
40. copying build/lib/neo4j/classes/neo4j-index.jar -> /usr/share/jython/Lib/site-packages/neo4j/classes
41. copying build/lib/neo4j/classes/neo4j-commons.jar -> /usr/share/jython/Lib/site-packages/neo4j/classes
42. copying build/lib/neo4j/classes/lucene-core.jar -> /usr/share/jython/Lib/site-packages/neo4j/classes
43. copying build/lib/neo4j/classes/geronimo-jta_1.1_spec.jar -> /usr/share/jython/Lib/site-packages/neo4j/classes
44. copying build/lib/neo4j/classes/neo4j-remote-graphdb.jar -> /usr/share/jython/Lib/site-packages/neo4j/classes
45. copying build/lib/neo4j/_base.py -> /usr/share/jython/Lib/site-packages/neo4j
46. copying build/lib/neo4j/_primitives.py -> /usr/share/jython/Lib/site-packages/neo4j
47. copying build/lib/neo4j/_compat.py -> /usr/share/jython/Lib/site-packages/neo4j

48. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_index.py to _index$py.class
49. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_backend/reflection.py to reflection$py.class
50. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_backend/jcc.py to jcc$py.class
51. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_backend/cli.py to cli$py.class
52. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_backend/__init__.py to __init__$py.class
53. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_backend/pure.py to pure$py.class
54. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_backend/native.py to native$py.class
55. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/tracsupport.py to tracsupport$py.class
56. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/__bootstrap__.py to __bootstrap__$py.class
57. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_util.py to _util$py.class
58. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/model/__init__.py to __init__$py.class
59. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_py_compat.py to _py_compat$py.class
60. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_hooks/__init__.py to __init__$py.class
61. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/util.py to util$py.class
62. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_traverse.py to _traverse$py.class
63. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/__init__.py to __init__$py.class
64. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_core.py to _core$py.class
65. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_base.py to _base$py.class
66. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_primitives.py to _primitives$py.class
67. byte-compiling /usr/share/jython/Lib/site-packages/neo4j/_compat.py to _compat$py.class
68. running install_egg_info
69. Writing /usr/share/jython/Lib/site-packages/Neo4j.py-0.1_SNAPSHOT-py2.5.egg-info
70. sake@sake [3]-laptop:~/project/Thesis/tools/neo4j-python$

เย้ ๆ ใช้ได้แล้ว ^^

เพิ่มเติม:
http://components.neo4j.org/neo4j.py/ [5]

Tags: Python [6]
Ubuntu [7]
neo4j-python [8]
neo4j [9]
installation [10]

ไฟล์แนบ	ขนาด
pom.py.txt [11]	6.38 KB

Source URL (modified on 2012-09-04 00:31): https://sake.in.th/node/97?s=/node/97

Links
[1] https://sake.in.th/blog/%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%A5%E0%B8%87-neo4j-python-%E0%B9%83%E0%B8%99-ubuntu-1004
[2] https://sake.in.th/users/sake
[3] mailto:sake@sake
[4] https://svn.neo4j.org/components/neo4j.py/trunk
[5] http://components.neo4j.org/neo4j.py/
[6] https://sake.in.th/category/sitetags/python
[7] https://sake.in.th/category/sitetags/ubuntu
[8] https://sake.in.th/tags/sitetags/neo4j-python
[9] https://sake.in.th/tags/sitetags/neo4j
[10] https://sake.in.th/tags/sitetags/installation
[11] https://sake.in.th/files/pom.py.txt