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## Updating node properties with py2neo doesn't work with remote server

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I have a node in my Neo4j database, which I retrieve using the `find_one()` method of the `py2neo` interface.

```
profile = graph.find_one('Facebook', 'fb_id', fb_id)
profile['nb_friends'] = nb_friends # a list of posts
profile.push()
```

The above statement works fine when updating the local Neo4j database, but not when using a remote Neo4j server (nothing is changed).

However, if I run a raw Cypher query it works both locally and remotely.

```
graph.cypher.execute('MATCH (n:Facebook {fb_id:{ID}}) SET n.nb_friends = {FR} RETURN
```

Any idea why this happens and how it could be fixed?


*Note: the only modification I've done to the server configuration is to disable authentication.*

python neo4j cypher py2neo

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asked Apr 13 at 21:07

 **bsuire**  
95 ● 10

1 Answer

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I would be surprised if the local/remote aspect is directly significant here. `Py2neo` does not know or care where the server is located and does not take a different code path for localhost.

I'd suggest making sure that you are using the same version on both servers, that your connection URIs both have the same path (which should end in a trailing slash) and that the data is similar on both.

You may have also hit this bug: <https://github.com/nigelsmall/py2neo/issues/395>

Empty lists are not supported as property values and `py2neo` has a bug that makes `push` fail silently when this is attempted. An exception will be raised for this in the next release.

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answered Apr 14 at 7:45

 **Nigel Small**  
2,712 ● 1 ● 8 ● 10

Yes, I'm using Neo4j 2.2.0 both locally and remotely, and `py2neo` 2.0.6. I do have a trailing forward slash at the end of my URI, and I was using the same test samples. In my for-loop, I do have empty values, but I checked a case for a non-empty string (and I checked the control flow to make sure it got to that statement). I'll check the http logs tomorrow to see what's going on. – [bsuire](#) Apr 14 at 8:53

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asked 4 months ago

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