mongoDB® ♥ 🐍

GETTING STARTED WITH PYMONGO IS EASY!

PyMongo is a pip package for MongoDB.
```
$ pip3 install pymongo
Collecting pymongo
Installing collected packages: pymongo
Successfully installed pymongo-3.7.2
```

Import the pymongo package.
```
>>> import pymongo
>>> client = pymongo.MongoClient()
>>> database = client["testdb"]
>>> collection = database["testcollection"]
```

Now we have a client object we can use to access a database named "testdb."
```
>>> collection.insert_one({"name": "Michael Lynn", "twitter_handle":
"@mlynn"})
<pymongo.results.InsertOneResult object at 0x109532cc8>
```

Now let's find what we have inserted.
```
>>> collection.find_one( {"name" : "Michael Lynn"})
{'_id': ObjectId('5c804f5472a4ae82cb34b928'), 'name': 'Michael Lynn',
'twitter_handle': '@mlynn}
```
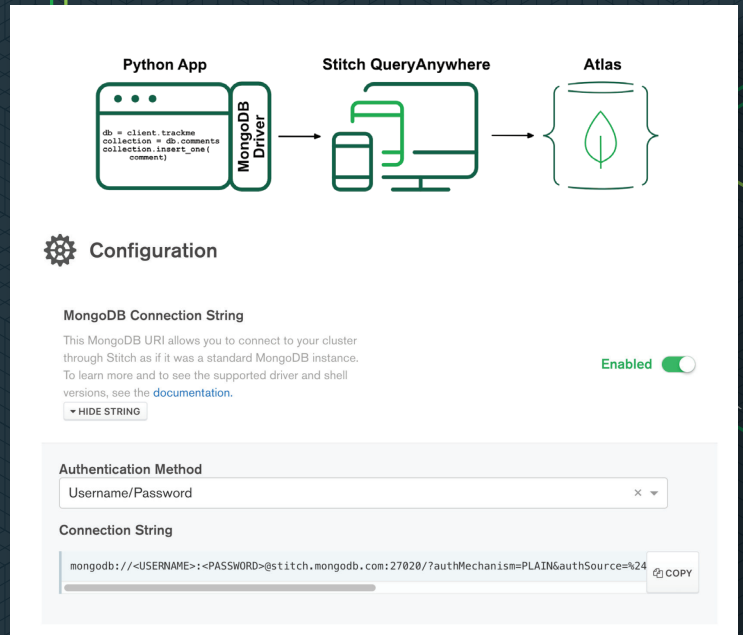
Now let's delete the document we inserted.
```
>>> collection.delete_one({"name" : "Michael Lynn"})
<pymongo.results.DeleteResult object at 0x109532388>
>>> collection.find_one( {"name" : "Michael Lynn"})
>>>
```

Join the Conversation

To enable wire protocol connections:

▪ From the left-hand menu of the Stitch UI, navigate to the **Atlas Clusters > Configuration** page.

▪ Set the toggle for **MongoDB Connection String** to **Enabled**.

▪ Click **Save**.


```
>>> import pymongo
>>> from pymongo import MongoClient
>>> client =
MongoClient('mongodb://<user>:<pass>@stitch.mongodb.com:27020/?authMechanism=PL
AIN&authSource=%24external&ssl=true&appName=pycon-vnqzi:mongodb-atlas:local-use
rpass')

>>> db = client["HR"]
>>> employee = db["employees"].find_one()
>>> pprint(employee)
{'_id': ObjectId('5ae782e48f25b9dc5c51c4a5'),
 'email': 'Lucas.Lewis.0271@company.com',
 'employeeId': 85427162,
 'manager': {'email': 'Daniel.Wilson.0474@company.com',
             'id': 328892725.0,
             'name': {'first': 'Daniel', 'last': 'Wilson'}},
 'name': {'first': 'Lucas', 'last': 'Lewis'},
 'password': 'SuperSecretPassword123',
 'role': 'PM',
'salary': 200000}
```