

```
00001: from pymongo import MongoClient
00002:
00003:
00004: '''
00005: Database class to handle transactions, ensure json is formed appropriately, etc.
00006:
00007: '''
00008: class mydb():
00009:
00010:     '''
00011:     Connect to the database
00012:     '''
00013:     def connect(db_name, host='localhost',\
00014:                port=27017, username=None, password=None):
00015:         """ Get named database from MongoDB with/out authentication """
00016:         # make Mongo connection with/out authentication
00017:         if username and password:
00018:             mongo_uri = 'mongodb://%s:%s@%s/%s'
00019:             (username, password, host, db_name)
00020:             conn = MongoClient(mongo_uri)
00021:         else:
00022:             conn = MongoClient(host, port)
00023:
00024:         return conn[db_name]
00025:
00026:
00027:     '''
00028:     Export the database in a given format, bson, json, zipped, tarred as needed.
00029:
00030:     '''
00031:     def export(self, extension="bson",):
00032:
00033:
```