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jsondatabase 0.1.1

A flat file database for json objects.   **Downloads** ↓

jsondb [![Build Status][travis-image]][travis-build]

This is a utility for managing content in a database which stores
content in JSON format.

Installation

This package can be installed from [PyPi](https://pypi.python.org/pypi/jsondatabase) by
running:

```bash
pip install jsondatabase
```

Note, the package name and the import name are different.
Import the package using `import jsondb`.

Usage

```python
from jsondb.db import Database
db = Database("mydata.db")
```

The database has an attribute which works similar to
[jQuery's `data`][jquery-data] attribute.

```python
# Getting all data
db = Database("mydata.db")
print(db.data())
```

```python
# Getting a stored value
db = Database("mydata.db")
print(db.data(key="user_count"))
```

**It is important to note that a key will be created regardless of whether it
exists as long as a value is provided.** The database has the same functionality
as a dictionary.

```python
# Setting a value
db = Database("mydata.db")
db.data(key="user_count", value=241)
```

```python
# Passing in a dictionary value
db = Database("mydata.db")
data = {
"user_id": 234565,
"user_name": "AwesomeUserName",
```

```python
"is_moderator": True,
}
db.data(dictionary=data)
```

```python
# Deleting a value
db = Database("mydata.db")
db.delete("my_key")
```

The database also supports a dictionary-like syntax for retrieving, setting, and removing values.

```python
db = Database("mydata.db")

# Retrieving a value
value = db["key"]

# Setting a value
db["key"] = value

# Removing a key
del db["key"]

# Checking if a key exists
"key" in db
```

Performance
If performance is an issue with large databases then the `python-cjson` module can be installed. jsondb will automatically detect this and use cjson instead.

[jquery-data]: http://api.jquery.com/data/
[travis-build]: https://travis-ci.org/gunthercox/jsondb
[travis-image]: https://travis-ci.org/gunthercox/jsondb.svg

History

`See release notes
<https: github.com="" gunthercox="" jsondb="" releases="">`_

File	Type	Py Version	Uploaded on	Size
jsondatabase-0.1.1-py2.py3-none-any.whl (**md5**)	Python Wheel	2.7	2015-10-28	6KB
jsondatabase-0.1.1.tar.gz (**md5**)	Source		2015-10-28	4KB

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Author: Gunther Cox
Home Page: https://github.com/gunthercox/jsondb
Keywords: jsondb

License: BSD
Categories
      Development Status :: 2 - Pre-Alpha
      Intended Audience :: Developers
      License :: OSI Approved :: BSD License
      Natural Language :: English
      Programming Language :: Python :: 2
      Programming Language :: Python :: 2.6
      Programming Language :: Python :: 2.7
      Programming Language :: Python :: 3
      Programming Language :: Python :: 3.3
      Programming Language :: Python :: 3.4
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