
KvsqLite

AYMEN Mohammed

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Kvsqlite is easy, sample and powerful key-value database backed by sqlite3.

FEATURES

- Fast and easy-to-use database
- Simultaneously **asynchronous** or **synchronous** calls
- Store any data supported by [pickle](#)

INSTALLATION

```
pip install kvsqlite
```

From github (dev version)

```
pip install git+https://github.com/AYEMNJD/Kvsqlite
```



```
from kvsqllite import Client # For sync version do: from kvsqllite.sync import Client
import asyncio

async def main():
    async with Client("kv.sqlite") as db:

        key = "123-456-789"
        result = await db.set(key, "Hello world. Bye!")

        if await db.exists(key):
            get_key = await db.get(key)

            print(get_key) # Hello world. Bye!

            await db.delete(key)
        else:
            print("Key not found", result)

        await db.close()

asyncio.run(main())
```


TESTS

KvsqLite tests available at `test/`, which you can run it by:

```
python3 -m pytest test/ -v
```

Note: Make sure that `pytest` and `pytest-asyncio` is installed.

BENCHMARKING

Kvsqlite benchmarking available at `benchmark/`, which you can run it by:

```
python3 benchmark/benchmark_kvsqlite.py --query-count 100000
```

Note: Make sure that `psutil` is installed.
