

SQLite

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,ɛs,kju:,ɛl'aɪt ?

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Lies, damned lies, benchmarks.

Small. Fast. Reliable.

Public domain

Demo

Installation


```
apt install sqlite3
```

```
brew install sqlite3
```

```
pkg install sqlite3
```

```
choco install sqlite
```

sqlite.org/download.html

```
./configure && make
```

Four data types

INTEGER

REAL

TEXT

BLOB

Caveat: heavy writing

Caveat: scaling

Features

Relational database

Document database

Columnar database

Zero configuration, but...

Embedded library

Small footprint

ACID compliant

Foreign keys, ha!

Modern SQL

N+1
~~problems~~

Window functions

BLOB API

JSON and JSONB

Language bindings

: memory :

Extensions

Authorization

Compression

Encryption

Full-text search

Geospatial

Transactional DDL

Write-Ahead Log

```
PRAGMA journal_mode = WAL
```

```
PRAGMA foreign_keys = true
```

```
PRAGMA busy_timeout = 5000
```

PRAGMA *synchronous* = NORMAL

SQLite
vs
Big Monsters

Synopsis

sqlite.org

en.wikipedia.org/wiki/SQLite

Inspired?

joriszwart.nl/sqlite