

Install SQLite

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Let's install SQLite

Source code git repository

<https://github.com/SWE3003-41/SQLite>

The screenshot shows a web browser window displaying the GitHub repository page for `SWE3003-41 / SQLite`. The browser's address bar shows the URL `https://github.com/SWE3003-41/SQLite`. The repository page includes a header with the repository name, a star button, and statistics: 4 unwatched, 8 stars, and 1 fork. Below the header, there are tabs for `Code`, `Pull requests`, `Projects`, `Wiki`, `Security`, `Insights`, and `Settings`. The `Code` tab is selected, showing the repository's file structure and commit history. The commit history table lists the following commits:

Commit	Message	Time
Csoyee Update README.md	Update README.md	11 hours ago
sqlite-source	update sqlite source code v.3.29	yesterday
.gitignore	update sqlite source code v.3.29	yesterday
README.md	Update README.md	yesterday

Below the commit history, the `README.md` file is displayed, showing the title `SQLite` and the subtitle `SQLite installation and Benchmark`. The browser's sidebar on the left shows the `Octotree` logo.

Clone Git Repository

```
$> git clone https://github.com/SWE3003-41/SQLite  
$> cd SQLite/sqlite-source # sqlite source code directory: SQLite/sqlite-source/sqlite-src-3290000
```

+) You can also get SQLite source code from SQLite download page.

1. visit <https://www.sqlite.org/download.html>
2. download alternative source code formats.

Build and Install

PWD: {PATH where you issue clone}/SQLite/sqlite-source/

```
$> mkdir build  
$> cd build  
$> ../sqlite-src-3290000/configure  
$> make  
$> sudo make install
```

Test

PWD: Anywhere !

```
$> sqlite3 --version
```

```
3.29.0 2019-07-10 17:32:03 fc82b73eaac8b36950e527f12c4b5dc1e147e6f4ad2217ae43ad82882a88bfa6
```