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# Ruby on Rails

— Configuración de la base de  
datos —

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# Overview

Qué base de datos está usando nuestra aplicación?

Cómo ver la base de datos!?

# SQLite

Rails utiliza SQLite como base de datos por defecto.

- Autocontenida, server-less, sin configuración, transaccional, relacional.

## FOLDERS

## ▼ ruby-on-rails-intro

▶ modulo-1

▶ modulo-2

▶ modulo-3

## ▼ modulo-4

## ▼ sources

## ▼ fancy\_cars

▶ app

▶ bin

## ▼ config

▶ environments

▶ initializers

▶ locales

application.rb

boot.rb

database.yml

environment.rb

routes.rb

▶ db

▶ lib

▶ log

▶ public

▶ test

database.yml

x

```
1  # SQLite version 3.x
2  #   gem install sqlite3
3  #
4  #   Ensure the SQLite 3 gem is defined in your Gemfile
5  #   gem 'sqlite3'
6  development:
7     adapter: sqlite3
8     database: db/development.sqlite3
9     pool: 5
10    timeout: 5000
11
12  # Warning: The database defined as "test" will be erased and
13  # re-generated from your development database when you run "rake".
14  # Do not set this db to the same as development or production.
15  test:
16     adapter: sqlite3
17     database: db/test.sqlite3
18     pool: 5
19     timeout: 5000
20
21  production:
22     adapter: sqlite3
23     database: db/production.sqlite3
24     pool: 5
25     timeout: 5000
26
```

# Cómo ver la base de datos

```
→ fancy_cars git:(master) x rails db
SQLite version 3.8.11.1 2015-07-29 20:00:57
Enter ".help" for usage hints.
sqlite> █
```

```
sqlite> .help
.backup ?DB? FILE      Backup DB (default "main") to FILE
.bail on|off           Stop after hitting an error.  Default OFF
.binary on|off         Turn binary output on or off.  Default OFF
.clone NEWDB           Clone data into NEWDB from the existing database
.databases             List names and files of attached databases
.dbinfo ?DB?          Show status information about the database
.dump ?TABLE? ...      Dump the database in an SQL text format
                       If TABLE specified, only dump tables matching
                       LIKE pattern TABLE
```

# Comandos básicos

```
→ fancy_cars git:(master) x rails db
SQLite version 3.8.11.1 2015-07-29 20:00:57
Enter ".help" for usage hints.
```

```
sqlite> .tables
```

```
cars                      schema_migrations
```

```
sqlite> .headers on
```

```
sqlite> .mode columns
```

```
sqlite> select * from cars;
```

id	make	color	year	created_at	updated_at
1	Renault	Blue	2008	2016-11-12 02:12:46.825994	2016-11-12 02:14:23.531975
2	Chevrolet	Yellow	2011	2016-11-12 02:14:05.727515	2016-11-12 02:14:32.852183



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sqlitebrowser / **sqlitebrowser**

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Official home of the DB Browser for SQLite (DB4S) project. Previously known as "SQLite Database Browser" and "Database Browser for SQLite". Website at: <http://sqlitebrowser.org>

1,637 commits

12 branches

18 releases

57 contributors

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download



Justinclift Trivial typo fix

Latest commit c6f1373 4 days ago

.github

Add system version requirement in Issue template

a month ago

cmake

cmake: use an external antlr2 if available

2 years ago

distri

Create an AppData file

2 years ago

images

Added the SVG version of the new logo from John T. Haller

3 years ago

libs

Fix last commit

24 days ago

src

Trivial typo fix

4 days ago

tests

tests: merge build of tests within main build

2 years ago

# SQLite browser

- `sudo add-apt-repository -y ppa:linuxgndu/sqlitebrowser`
- `sudo apt-get update`
- `sudo apt-get install sqlitebrowser`



# Base de datos

The screenshot shows a database management interface. At the top, a breadcrumb trail indicates the current location: > Carpeta personal > git > capacitaciones > ruby-on-rails-intro > modulo-4 > sources > fancy\_cars > db. Below this, a file explorer shows the 'migrate' folder and the 'development.sqlite3' database file. The main interface has tabs for 'Database Structure', 'Browse Data', 'Edit Pragmas', and 'Execute SQL'. The 'Browse Data' tab is active, showing the 'cars' table. The table has columns: id, make, color, year, created\_at, and updated\_at. Below the table, there are 'Filter' buttons for each column. The table contains two records: 1 (Renault, Blue, 2008) and 2 (Chevrolet, Yellow, 2011). At the bottom, there are sections for 'Views (0)' and 'Triggers (0)'.

Database Structure Browse Data Edit Pragmas Execute SQL

Table: cars

New Record Delete Record

	id	make	color	year	created_at	updated_at
	Filter	Filter	Filter	Filter	Filter	Filter
1	1	Renault	Blue	2008	2016-11-12 ...	2016-11-12 ...
2	2	Chevrolet	Yellow	2011	2016-11-12 ...	2016-11-12 ...

Views (0)

Triggers (0)

# Entonces

Se utiliza SQLite por defecto

Rails cuenta con un visualizador de DB Sqlite pre construido