Ruby on Rails

Configuración de la base de datos

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.

```
File Edit Selection Find View Goto Tools Project Preferences Help
FOLDERS
                                              database.yml
▼ ruby-on-rails-intro
                                                  # SOLite version 3.x
 ▶ modulo-1
                                                      gem install sqlite3
 ▶ modulo-2
 ▶ modulo-3
                                                      Ensure the SQLite 3 gem is defined in your Gemfile
 ▼ modulo-4
                                                      gem 'sqlite3'
                                                  development:
   ▼ sources
                                                    adapter: sqlite3

▼ fancy cars

                                                    database: db/development.sqlite3
      ▶ app
                                                    pool: 5
      ▶ bin
                                             10
                                                   timeout: 5000
      ▼ config
                                             11
        environments
                                                  # Warning: The database defined as "test" will be erased and
                                             12
                                                 # re-generated from your development database when you run "rake".
                                             13
        ▶ initializers
                                                  # Do not set this db to the same as development or production.
        ▶ locales
                                             15
                                                 test:
          application.rb
                                             16
                                                    adapter: sqlite3
          boot.rb
                                                   database: db/test.sqlite3
                                             17
                                                   pool: 5
                                             18
          environment.rb
                                             19
                                                   timeout: 5000
                                             20
          routes.rb
                                             21
                                                  production:
      ▶ db
                                                    adapter: sqlite3
      ▶ lib
                                                    database: db/production.sglite3
                                             23
      ▶ log
                                             24
                                                    pool: 5
      public
                                             25
                                                    timeout: 5000
       tect
```

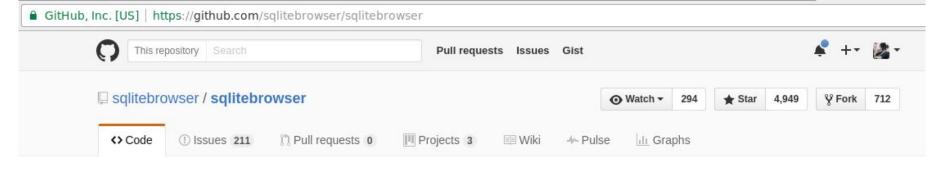
Cómo ver la base de datos

```
→ 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> ■
```

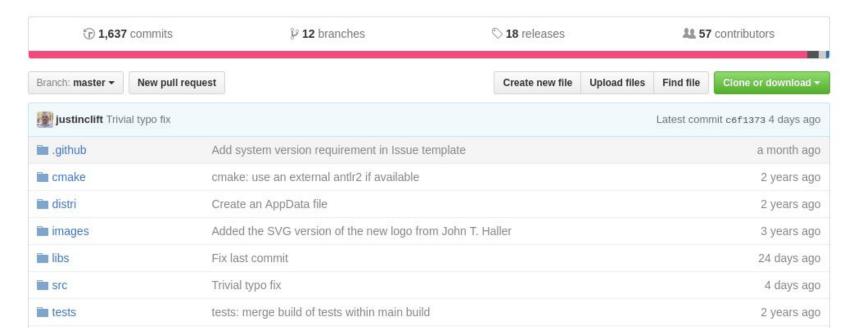
```
sqlite> .help
                      Backup DB (default "main") to FILE
.backup ?DB? FILE
.bail on|off
                       Stop after hitting an error. Default OFF
.binary on|off
                      Turn binary output on or off. Default OFF
clone NEWDB
                      Clone data into NEWDB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

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



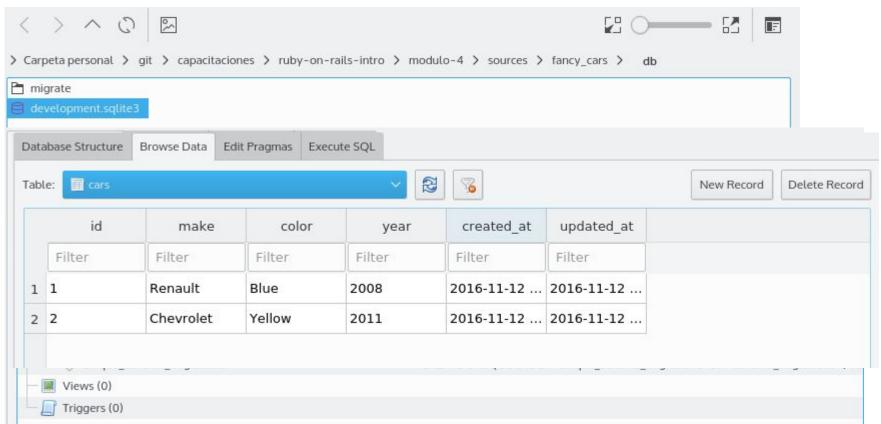
Official home of the DB Browser for SQLite (DB4S) project. Previously known as "SQLite Database Browser" and "Database Browser for SQLite". Website at: http://sqlitebrowser.org



SQLite browser

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

Base de datos



Entonces

Se utiliza SQLite por defecto

Rails cuenta con un visualizador de DB Sqlite pre construido