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Install SQLite3 in Ubuntu

Posted May 11, 2007

Filed under: rails, ubuntu |

1. Install Sqlite3

```
sudo apt-get install sqlite3 libsqlite3-dev
sudo gem install sqlite3-ruby
```

2. To create a data base, we only need to create a empty file.

```
touch database_name_dev.db
touch database_name_test.db
touch database_name_prod.db
```

3. Configure Ruby on Rails Modificar el archivo config/database.yml:

```
development:
  adapter: sqlite3
  database: db/database_name_dev.db

test:
  adapter: sqlite3
  database: db/database_name_test.db

production:
  adapter: sqlite3
  database: db/database_name_prod.db
```

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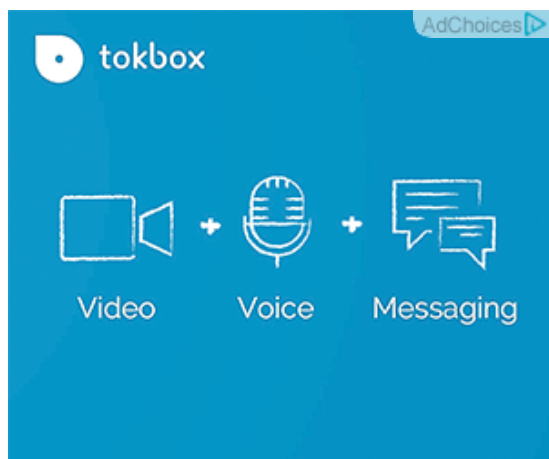
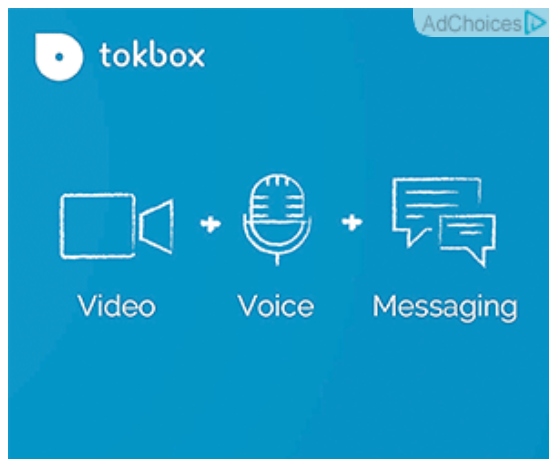
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28 comments so far

Nuno Caldeira on December 7, 2007



very usefull.. thank you

Reply

Chris on June 1, 2008



Just what I needed, thanks!

Reply

pat on July 1, 2009



thanks! just used this, complete success!

Reply

kishore on July 15, 2009



Thank you it solved my problem too..

Reply

XhtmlWeaver on October 2, 2009



Very neat instruction for sqllite3 for ubuntu/debian. Great!

Reply

chamira on December 4, 2009



thanks you for this, i needed to install libsqlite3-dev for the Ruby gem sqlite3-ruby to install correctly.

Reply

Dextersmart on January 7, 2010



This was exactly what I needed. Thanks for the solution.

Reply

Dheeraj.k on April 18, 2010



```
krishna@ubuntu:~$ sudo gem install sqlite3-ruby
sudo: gem: command not found
```

Reply

Lolcat on August 25, 2010



```
(note i use ruby 1.8 therefore I use rubygems1.8)
Firstly did you install ruby gems ?
sudo apt-get install rubygems1.8
Now lets find gems!
sudo dpkg -L rubygems1.8 | grep /usr/bin
```

... so we see its called gem1.8 and *not* gems , which explains command not found.

Lets make a link from /usr/bin/gem1.8 to /usr/bin/gems

```
sudo ln -s /usr/bin/gem1.8 /usr/bin/gems
```

now finally run gems -v to check it is working.

Reply

RyanonRails on October 23, 2010



Some people might needs to run apt-get install libsqlite3-ruby to get all of the dependencies.

Reply

SeanW on October 28, 2010



Thanks RyanonRails!

Your advice (+ the one to apt-get ruby-dev in order to install gems properly) saved my day. Later this week trying to install on Windows7.

Reply

someone on November 16, 2010



Amazing, Thanks! xD

Reply

UnderTech09 on September 15, 2011



;need some help here...

how to install libmysqlclient.so.15 in ubuntu?

when i run my mysql with the server game, i got an error

* error while loading shared libraries: libmysqlclient.so.15: cannot open share object file: no such file or directory.

anyone can help up with this problem?

thanks in advance..

Reply

Pedro Del Gallego on September 15, 2011



Not sure what are your problem, but first try this

<http://automation.binarysage.net/?p=1311>

Reply

Pedro Del Gallego on September 15, 2011



You could also probably symlink the version 16 files with the version 15 filenames and get away with it

[Upender on November 18, 2011](#)



very thanks..

Reply

[shirish herwade on December 23, 2011](#)



very useful

Reply

[Asma on March 25, 2012](#)



sudo: gem: command not found 😞

Reply

[Pedro](#) on April 24, 2012



You need to install ruby gems, but only if you are planning to use ruby or ruby on rails

Reply

[Robbie Done](#) on April 24, 2012



worked a treat 😊

Reply

[Pedro](#) on April 24, 2012



Great, nice to see that 5 years later is still useful.

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[webhostingtop3.com](#) on July 30, 2013



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[Mark on December 20, 2013](#)



Not so far I have found new cool tool to work with SQLite on ubuntu - Valentina Studio. Its free edition can do things more than many commercial tools!!

I very recommend check it. <http://www.valentina-db.com/en/valentina-studio-overview>

Reply

[rasoolsb](#) on May 1, 2014



Fabulous.... Moooooaaaahhhh 😊

Reply

[Johnb231](#) on August 18, 2014



Howdy would you mind sharing which blog platform you're working
edcfbbekedce

Reply

[How To Fix Gem Sqlite3 Dll Errors - Windows Vista, Windows 7 & 8](#) on
October 20, 2014

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[Fix Sudo Gem Install Mysql Error Windows XP, Vista, 7, 8 \[Solved\]](#) on
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sudo gem install sqlite3-ruby sudo: gem: command not found... [...]

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[sfhsn](#) on June 14, 2015



```
var __machform_url = 'http://eu.nimbocraft.com/form/embed.php?id=11943';  
var __machform_height = 941;
```

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