

Arnamoy's website

[Swagatam...](#) > [My Blogs](#) >

How To Install and Run CVSAAnaly2 in Ubuntu 11.10

posted Mar 6, 2012, 8:49 PM by arnamoy bhattacharyya
 [updated Mar 6, 2012, 8:51 PM]

CVSAAnaly is an awesome tool to create mysql databases automatically from git repositories.
 Requirements:

- *RepositoryHandler
- * cvs (optional, for CVS support)
- * subversion (optional, for SVN support)
- * git (optional, for Git support)
- * Python MySQLDB
- * Python SQLite (optional)

RepositoryHandler

from command line, type - `git clone git://git.libresoft.es/git/repositoryhandler`
 This will create a directory called "repositoryhandler" in the directory from which you typed the command. I did it from my homepage.

Then go inside the directory repositoryhandler and type the following
`python setup.py install`

Then add the following line in the .bashrc file (located in your home directory, its hidden, so you have to check "view hidden files" option from nautilus.

```
export
PYTHONPATH=$PYTHONPATH:<path to repositoryhandler>
```

In my case, it was -

```
export
PYTHONPATH=$PYTHONPATH:$HOME/repositi
```

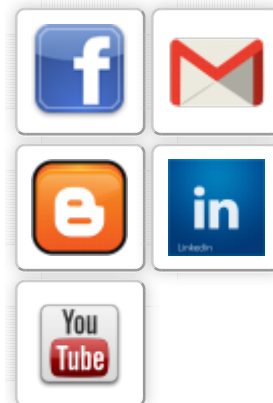
[marketing schools](#)

In this site

[Swagatam...](#)
[My Blogs](#)
[Academics](#)
[My journey so far](#)
[My trusted friend](#)

Quote of the Day

The biggest difference between time and space is that you can't reuse time.



Python MySQLDB

In the command line type - `sudo apt-get install python-mysqldb`

If any username and/ or password is required, give them

CVSanaly

Now you need to install cvsanaly. First use the following command from anywhere. (I did it from my home directory, same as repositoryhandler)

```
git clone git://git.libresoft.es/git/cvsanaly
```

This will create a cvsanaly directory from the folder you ran the command (in my case, home)

"cd" to the cvsanaly directory and run the following command -

```
python setup.py install
```

Python setuptools

You might need to install python setuptools to use cvsanaly. Download the .egg file compatible with your python version from here (python --version)

<http://pypi.python.org/pypi/setuptools#files>

Then run the following command -
`sudo sh <egg-file>`

My version of python was 2.7 and I downloaded the .egg file in my home directory. So from my home directory, I ran the following -

```
sudo sh setuptools-0.6c11-py2.7.egg
```

If I have not mistaken anything, you are good to go.

Download any repository (lets say postgresql) by the following command-

```
git clone git://git.postgresql.org  
/git/postgresql.git
```

This will create a directory named inside the directory from where you ran git clone (in my case, home directory)

Run the following command
`cvsanaly2 -u root -p ****` (where **** is
your mysql password)

But you should get an error saying that you
have to create a database named "cvsanaly"

Run the following command to log into
mysql

```
mysql -u root -p
```

It will ask for your password, give it.

create a database called cvsanaly using the
following command;

```
create database cvsanaly;  
exit
```

Then again go inside the postgresql folder
and type -

```
cvsanaly2 -u root -p ****
```

(where **** is
your mysql password)

If everything goes ok, you will get an
output like this

```
Parsing log for /home/arnie/postgresql (git)  
Executing extensions
```

Then log into mysql again using -

```
mysql -u root -p cvsanaly
```

Give the password when asked

Then see the tables created -

```
show tables;
```

The output will be something like the
following -

```
mysql> show tables;  
+-----+  
| Tables_in_cvsanaly |  
+-----+  
| action_files      |  
| actions           |  
| actions_file_names |  
| branches          |  
| file_copies        |  
| file_links         |  
| files              |  
| people             |  
| repositories       |
```

```
| scmlog          |  
| tag_revisions  |  
| tags           |  
+-----+  
12 rows in set (0.00 sec)
```

Voila...That's it. Your databse is ready for Mining.

Post here if you have any comments.

Comments

You do not have permission to add comments.

[Sign in](#) | [Report Abuse](#) | [Print Page](#) | Powered By [Google Sites](#)