

# FreeBSD Administration - Support #866

## Install SEO Tool Suite on FreeBSD

11/09/2016 03:11 PM - Daniel Curtis

<b>Status:</b>	Closed	<b>Start date:</b>	11/09/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Curtis	<b>% Done:</b>	100%
<b>Category:</b>	Web Server	<b>Estimated time:</b>	1.00 hour
<b>Target version:</b>	FreeBSD 10	<b>Spent time:</b>	0.50 hour

### Description

This is a guide on setting up SEO Tool Suite on FreeBSD

## Prepare the Environment

- Make sure the system is up to date:

```
pkg update && pkg upgrade
```

- Install a few dependencies:

```
pkg install git python py27-pip libxml2 py27-lxml
```

## Install MySQL Server

- Start by installing the mariadb100-server and mariadb100-client packages:

```
pkg install mariadb100-{server,client}
```

- Copy a base MySQL configuration to use:

```
cp /usr/local/share/mysql/my-small.cnf /var/db/mysql/my.cnf
```

- Enable and start mysql at boot:

```
echo 'mysql_enable="YES"' >> /etc/rc.conf  
service mysql-server start
```

- Prepare the database for use by running the secure installation:

```
mysql_secure_installation
```

- **NOTE:** Choose a strong root password and answer yes to all questions.

## Create Databases and Users

- Login to MySQL and create appropriate databases and users.

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

- and run the following SQL queries to create the **seositedb** database and **seosuiteuser** user:

```
CREATE DATABASE seositedb CHARACTER SET utf8;

CREATE USER 'seosuiteuser'@'localhost' IDENTIFIED BY 'SuperSecretPassword';

GRANT ALL PRIVILEGES ON seositedb.* TO 'seosuiteuser'@'localhost';

FLUSH PRIVILEGES;

quit
```

## Install SEO Tools Suite

- Clone the seosuite from GitHub:

```
git clone https://github.com/saymedia/seosuite.git
cd seosuite
```

- Run the python packager to install seosuites dependencies:

```
pip install -r requirements.txt
```

- Import the SQL schema into mysql:

```
cat schema.sql | mysql -useosuiteuser -p seositedb
```

- Create the config files from the examples:

```
cp testurls.example testurls
cp config.yaml.example config.yaml
```

- Edit the seosuite config:

```
vi config.yaml
```

- And make sure the database settings are correct:

```
db:
  host: localhost
  user: seosuiteuser
  pass: SuperSecretPassword
  name: seositedb
gdata:
  user: seo@example.com
  pass: password
```

- Run seocrawl

```
./seocrawler.py http://www.example.com
```

## Resources

- <https://github.com/saymedia/seosuite>

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## History

### #1 - 11/09/2016 03:30 PM - Daniel Curtis

- *Description updated*
- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

### #2 - 12/03/2016 12:50 PM - Daniel Curtis

- *Status changed from Resolved to Closed*