

SeedDMS

This is a tutorial on how to install SeedDMS 4.3 on Debian Jessie with an external MySQL server.

First we have to install all the dependencies:

```
sudo apt-get install apache2 php5 php5-mysql php5-gd php-pear imagemagick poppler-utils catdoc
```

Second we have to install the required pear packages:

```
sudo pear install Log
sudo pear channel-discover pear.dotkernel.com/zf1/svn
sudo pear install zend/zend
```

To have it fully working we need to enable the rewrite module for Apache:

```
sudo a2enmod rewrite
```

In addition we need change the apache config. There should be a part in the `/etc/apache2/apache2.conf` which looks like this:

```
<Directory /var/www/>
    Options Indexes FollowSymLinks
    AllowOverride None
    Require all granted
</Directory>
```

We need to change it to this:

```
<Directory /var/www/>
    Options Indexes FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>
```

Now we can download the SeedDMS files from here: <https://sourceforge.net/projects/seeddms/files/>

For this installation I went with `seeddms-quickstart-4.3.28.tar.gz`. I've downloaded it to `var/www` and extracted the archive. Inside the now generated folder there are 4 folders however one of them is only a symlink:

- data
- pear
- seeddms-4.3.28
- www (symlink to seeddms-4.3.28)

For my installation I've moved the data folder to `var` so that it isn't directly reachable by the webserver. Then I moved the `seeddms-4.3.28` folder to `var/www` and renamed it to `html`

```
sudo mv /var/www/seeddms43x/seeddms-4.3.28 /var/www/html
```

Now I moved the pear folder into the html folder and copied the SeedDMS folder inside the pear folder into the html folder. This is required because it was complaining that it couldn't find the path otherwise.

```
sudo mv /var/www/seeddms43x/pear/ /var/www/html/
```

```
sudo cp /var/www/html/pear/SeedDMS /var/www/html/
```

Don't forget to give all the folders read/write permissions for the user `www-data`.

As a last step we have to change the configuration file (`/var/www/html/conf/settings.xml`) to reflect our changes. It would be a bit much to cover all the changes necessary. Just make sure that all the paths we've changed are correct. The config file itself is very well commented so it shouldn't be a big problem to find all the places requiring a correction. I'll paste however the lines how they look on my system:

```
<server rootDir="/var/www/html/" httpRoot="/" contentDir="/var/data/" stagingDir="/var/data/staging/"
    luceneDir="/var/data/lucene/" logFileEnable="true" logFileRotation="d" enableLargeFileUpload="false"
    partitionSize="2000000" cacheDir="/var/data/cache/" dropFolderDir="">
</server>
```

```
<database dbDriver="mysql" dbHostname="mariadb.21i.local" dbDatabase="seeddmsdb" dbUser="seeddms"
    dbPass="Password" doNotCheckVersion="false">
</database>
```

Now restart the apache service and you should be able to access the installation on <http://dms-ip/>

Resources

<https://myanwyn.blogspot.ch/2014/12/how-to-install-seeddms-on-ubuntu.html>

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