

Application Installation Instructions

Installed on Ubuntu 14.04 x64

Using SSH you will need to perform the following commands in order to run the application.

1. `sudo apt-get update`
2. `sudo apt-get upgrade`
3. `sudo apt-get install apache2`
4. `sudo apt-get install php5`
5. `sudo apt-get install mysql-server`
6. `sudo apt-get install php5-mysql`

Verify the installation of php and apache

```
php -v
apache2 -v
```

Install necessary php extensions and restart apache.

1. `sudo apt-get install php5-mcrypt` (required for Laravel)
2. `sudo php5enmod mcrypt`
3. `sudo service apache2 restart`

Upload the site files to the server and extract them.

1. `scp devchecked.com.tar.gz YourUserName@serverIPaddress:~/`

Move the file to the proper directory.

2. `sudo mv devchecked.com.tar.gz /var/www/`

Extract the files.

3. `cd /var/www/`
4. `sudo tar -xpvf devchecked.com.tar.gz`

Verify that the folder exists.

5. `ls -l`

Move the folder contents to the proper directory.

6. `sudo mv devchecked.com/* /var/www/`

Clean up and remove the compressed files.

7. `sudo rm devchecked.com.tar.gz`
8. `sudo rm -r devchecked.com`

Change directory to find the default vhost file.

```
cd /etc/apache2/sites-available/
```

You should now see a configuration file such as:

```
000-default.conf
```

Open this file with your preferred editor

```
sudo vi 000-default.conf
```

Find the line that has:

```
DocumentRoot /var/www
```

And change it to:

```
DocumentRoot /var/www/public
```

Next open the apache2.conf file for editing

```
sudo vi /etc/apache2/apache2.conf
```

Find the 'Directory settings' and in the 3rd entry you should see something like:

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

Change this entry to:

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

To solve permissions issues with Laravel.:

1. `cd /var/www/app/`
2. `sudo chown -R www-data:www-data storage`
3. `cd storage/`
4. `sudo find . -type d -exec chmod 775 {} \; && find . -type f -exec chmod 664 {} \;`

**** Instruction 4 may show errors, this is ok. ****

Sets Permissions for file uploads and directory creation.

Make sure all files are owned by the Apache group and user. In Ubuntu it is the www-data group and user

1. `sudo chown -R www-data:www-data /var/www`

Next enabled all members of the www-data group to read and write files

2. `sudo chmod -R g+rw /var/www`

*The `php mkdir()` function should now work without returning errors

Set the file upload size limit to 50mb (the max a user can have in storage)

```
sudo vi /etc/php5/apache2/php.ini
```

Find the following 2 lines and give them a value of 50M

```
upload_max_filesize = 50M
```

```
post_max_size = 50M
```

```
sudo service apache2 restart
```

Linking the Database

Using sequelPro:

1. create a new database named 'devchecked'
2. Go to File, then Import and choose the devchecked.sql file to import.

In the `app/config/database.php` file, inside of the 'mysql' array you will need to set your database information.

set the host, database, username, and password.

