INSTALLATION INSTRUCTION FOR MAC USING XAMPP

1. Install XAMPP: https://www.apachefriends.org/index.html

2. Copy/extract Open Enventory into Applications/XAMPP/htdocs/ . Write down the folder name because this will be the web address. In this case the folder is named 'open_enventory'
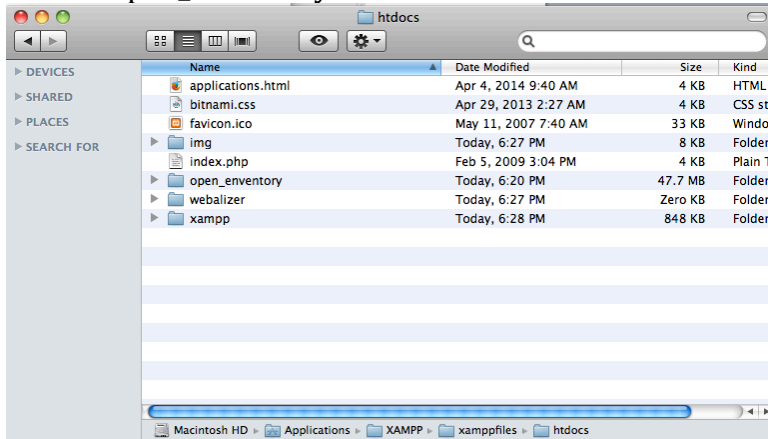
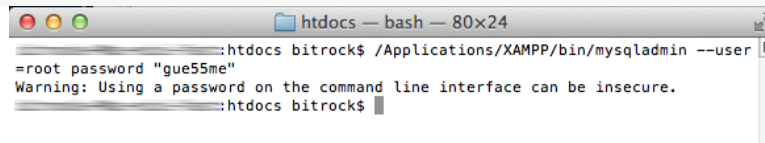3. Open Applications/XAMPP manager. Start MySQL and Apache.
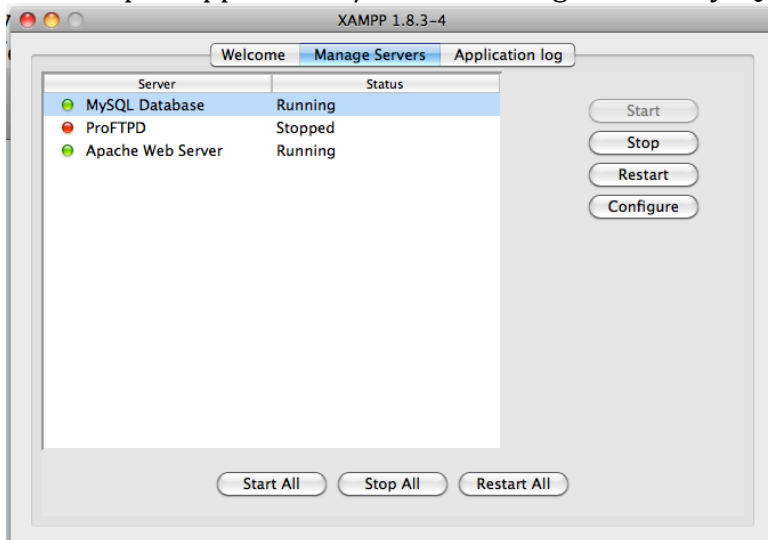
4. Change mysql root password by following these steps:
   a. Ensure that the MySQL/MariaDB server is running. (see step 3)
   b. Open a new terminal.
   c. Use the mysqladmin command-line utility to alter the MySQL/MariaDB password, using the following syntax:

```
mysqladmin --user=root password "newpassword"
```

d. The *mysqladmin* command-line utility is located within the *bin/* subdirectory of the XAMPP installation directory, typically */Applications/XAMPP*.

e. For example, to change the MySQL/MariaDB root password from its default empty value to the password gue55me, you would execute:

```
/Applications/XAMPP/bin/mysqladmin --user=root password "gue55me"
```

```
● ○ ○                htdocs — bash — 80×24
========:htdocs bitrock$ /Applications/XAMPP/bin/mysqladmin --user
=root password "gue55me"
Warning: Using a password on the command line interface can be insecure.
========:htdocs bitrock$
```

f. Or, if a password has already been previously set and you'd like to change it to a new one, you can use the following syntax:
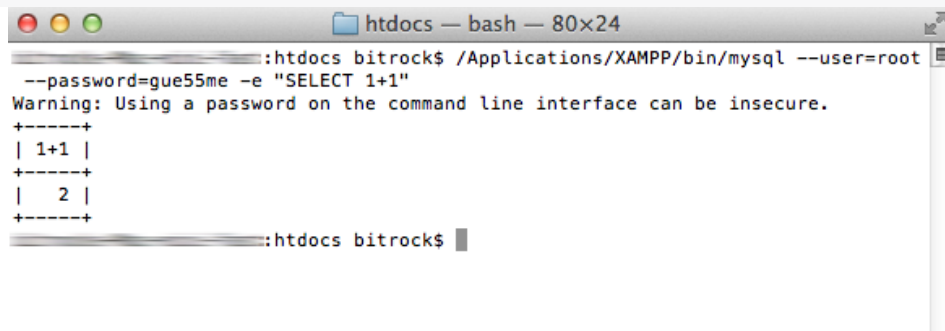
```
mysqladmin --user=root --password=oldpassword password "newpassword"
```

g. For example, to change the root password from 12345 to gue55me, you would execute:

```
/Applications/XAMPP/bin/mysqladmin --user=root --password=12345
password "gue55me"
```

5. Test that your password change has been accepted, by attempting to connect to the MySQL/MariaDB server using the *mysql*command-line client in the same directory. For example, you could use the command below to connect to the server and return the results of a calculation: (make sure you use your own password instead of "gue55me")

```
/Applications/XAMPP/bin/mysql --user=root --password=gue55me -e
"SELECT 1+1"
```

```
● ○ ○                htdocs — bash — 80×24
========:htdocs bitrock$ /Applications/XAMPP/bin/mysql --user=root
 --password=gue55me -e "SELECT 1+1"
Warning: Using a password on the command line interface can be insecure.
+-----+
| 1+1 |
+-----+
|   2 |
+-----+
========:htdocs bitrock$
```
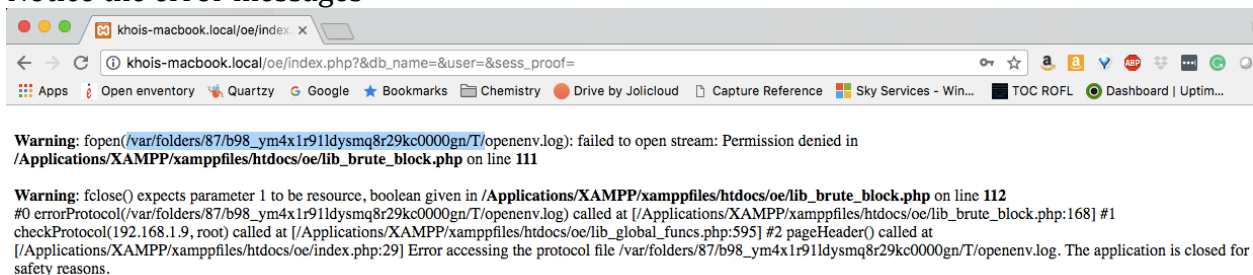
Steps 6 & 7 are for phpmyadmin set up. They are optional. You don't need to do this if you just want to set up Open Enventory

6. Change the permission for Applications/XAMPP/xamppfiles/phpmyadmin so that *you/your_account* have the read and write access, through right click, Get Info (or Cmd-I)

7. Use TextEdit to edit file config.inc.php. Locate
$cfg['Servers'][$i]['auth_type'] = 'config';
and change to:
$cfg['Servers'][$i]['auth_type'] = 'cookie';

8. Using a web browser, go to:
http://localhost/open_enventory/
In Database: put in the name for your database server
Log in with username 'root' and set password
Notice the error messages

Warning: fopen(/var/folders/87/b98_ym4x1r91ldysmq8r29kc0000gn/T/openenv.log): failed to open stream: Permission denied in **/Applications/XAMPP/xamppfiles/htdocs/oe/lib_brute_block.php** on line **111**

Warning: fclose() expects parameter 1 to be resource, boolean given in **/Applications/XAMPP/xamppfiles/htdocs/oe/lib_brute_block.php** on line **112**
#0 errorProtocol(/var/folders/87/b98_ym4x1r91ldysmq8r29kc0000gn/T/openenv.log) called at [/Applications/XAMPP/xamppfiles/htdocs/oe/lib_brute_block.php:168] #1 checkProtocol(192.168.1.9, root) called at [/Applications/XAMPP/xamppfiles/htdocs/oe/lib_global_funcs.php:595] #2 pageHeader() called at [/Applications/XAMPP/xamppfiles/htdocs/oe/index.php:29] Error accessing the protocol file /var/folders/87/b98_ym4x1r91ldysmq8r29kc0000gn/T/openenv.log. The application is closed for safety reasons.

9. Under Warning above notice the place of the temp folder (in this case /var/folders/87/…)

10. Go to that folder containing the openenv.log (in this case: T with the path as following in Finder (file maybe hidden):
/var/folders/87/b98_ym4x1r91ldysmq8r29kc0000gn/T/
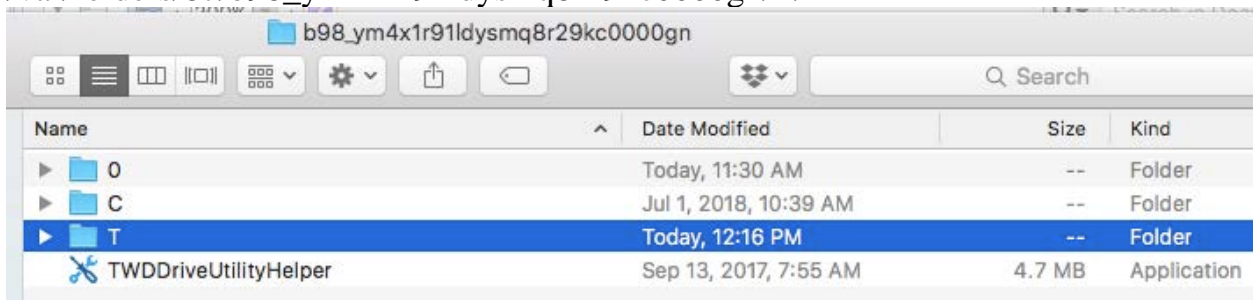
11. Set permission for everyone to Read&Write for this folder (e.g. "T")

12. Look-up file php.ini. Should be in Applications/XAMPP/xamppfiles/etc/
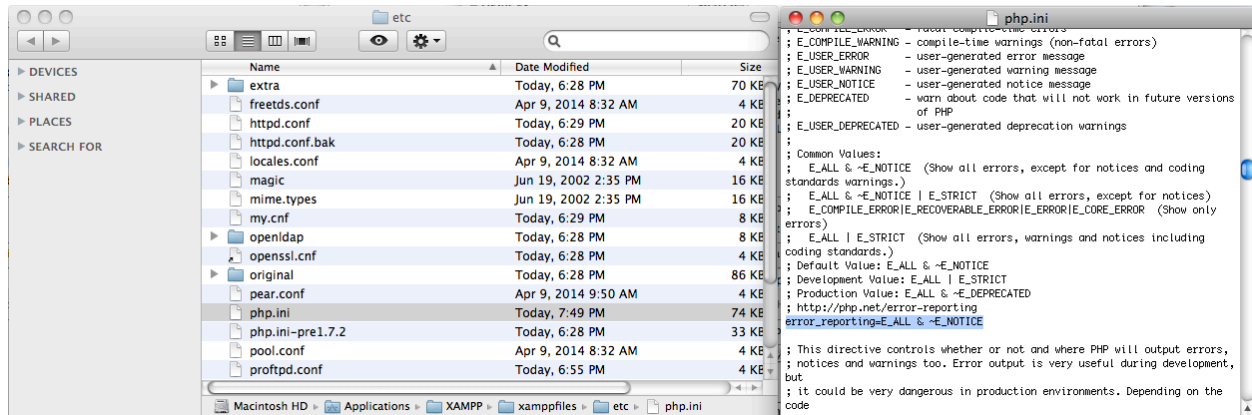
And change to:
error_reporting=E_ALL & ~E_NOTICE

13. Restart Apache and SQL in XAMPP manager

14. Restart the web browser and go the server website at
http://localhost/open_enventory/
In Database: put in the name for your database server
Log in with username 'root' and set password

CHANGE TIME ZONE
1. Edit php.ini with TextEdit
/Applications/XAMPP/xamppfiles/etc/php.ini
Change:
date.timezone=Europe/Berlin
to:
date.timezone=America/Chicago
2. Restart server

CHANGE LOGIN DEFAULT DATABASE TO NONE
1. Edit lib_global_funcs.php with TextEdit
/Applications/XAMPP/xamppfiles/htdocs/open_enventory/
Change:
    if ($db_name=="") {

        $db_name="storage";
to:
    if ($db_name=="") {

        $db_name="";
2. Restart server

SAVE/ BACK-UP DATABASE
1. In Terminal window:

/Applications/XAMPP/xamppfiles/bin/mysqldump -u [*user*] -p [*database*] >
[*Path*]/[*backup_filename*].sql

Replace [*italic_text*] (including the square bracket) with specific info.

2. Type in password and then Enter (nothing will show when you are typing the password)

REBUILD DATABASE ONTO A DIFFERENT SERVER
1. Install XAMPP
2. In Terminal window: