

# Data Entry and Reporting System – Installation Guide

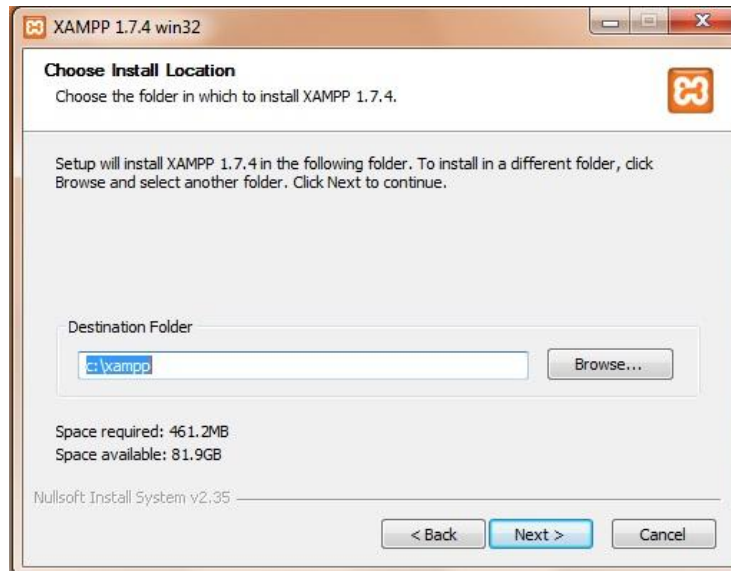
## 1. Install Xampp or Wamp on your system. (Xampp is recommended).

### a. Install Xampp(Windows)

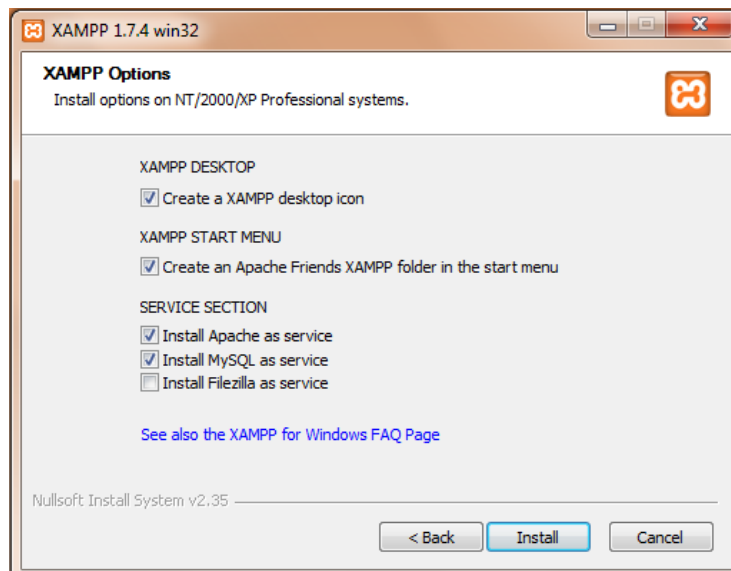
(If you have either of these already installed on your computer skip this)

Download Xampp - <http://www.apachefriends.org/en/xampp.html>

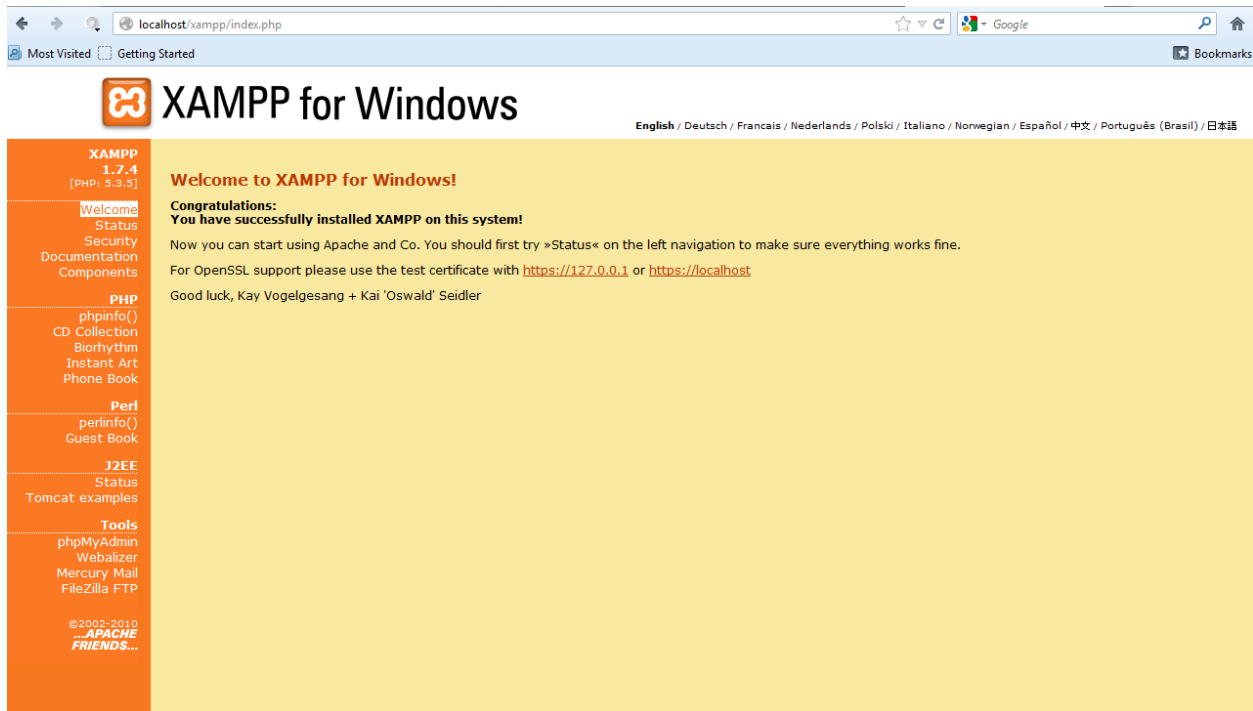
- i. Select the drive in which you want to install XAMPP.



- ii. Make sure you check the checkboxes as shown in the image.



- iii. Type 'localhost' in the browser to test if XAMPP installed properly and server is running.



## b. For Windows Users Only

- i. As windows do not use case sensitive name. Add `lower_case_table_names=2` in mysql setting file; this preserves the lettercase of database and table names.
- ii. Do these steps:
  1. Open your MySQL configuration file: `[drive]\xampp\mysql\bin\my.ini`
  2. Look up for: `# The MySQL server [mysqld]`
  3. Add this right below it: `lower_case_table_names = 2`
  4. Save the file and restart MySQL service

## 2. Create 'db\_webuser' database

- a. Use the webuser.sql file to create the database. This database is required to store the site database information, user information and session information.
- b. Use phpMyAdmin to create a database with name 'db\_webuser' and run the 'webuser.sql' to create tables.

## 3. Create the site database

## 4. Copy the 'ctfsw eb' folder in the following folder

- a. For XAMPP – drive:\xampp\htdocs\ctfsw eb
- b. For WAMPP – drive:\wampp\www\ctfsw eb

## 5. Update Database Config file

- a. Open file ..\ctfsw eb\system\application\config\database.php
- b. DO NOT EDIT the first set (db1) except for the username and password, if different.
- c. Use following set of code for each site database you need to link with the system

```
$db['db_bci']['hostname'] = "localhost";
$db['db_bci']['username'] = "root"; //Put the username for mysql here if other than root
$db['db_bci']['password'] = ""; //Put the password for mysql here if any
$db['db_bci']['database'] = ""; //Put the database name here
$db['db_bci']['dbdriver'] = "mysql";
$db['db_bci']['dbprefix'] = "";
$db['db_bci']['pconnect'] = FALSE;
$db['db_bci']['db_debug'] = TRUE;
$db['db_bci']['cache_on'] = FALSE;
$db['db_bci']['cachedir'] = "";
$db['db_bci']['char_set'] = "utf8";
$db['db_bci']['dbcollat'] = "utf8_general_ci";
```
- d. Replace 'db\_bci' with the name of your choice. This name will be required in the next step to add the database name into the list of databases.
- e. Enter username, password and database name in the required fields.
- f. Please copy the set of lines in 'c.' as many times as plots you want to be able to access.

## 6. Use Admin Panel to add databases and users

- a. Open link - <http://localhost/ctfsweb/index.php/admin>
- b. Use password - 'ctfsadmin\*123' to login into panel.
- c. Add Plot
  - i. Plot Name: This is the site/database name that will be displayed in the dropdown menu on login panel.
  - ii. Database Name: This is the name you used in the last step in place of 'db\_bci'
  - iii. Version of Database: The Data Entry System only works with the 'New' version, while reporting can work with both 'New ' and 'Old'.
- d. Add User
  - i. Username: Username for the login system. Use different username for different users.
  - ii. Password: Password for the login system.
  - iii. Database Name: Select the database name from the list of databases you added using Add Plot form.
- e. Add Link
  - i. This option is helpful for the plots which want to use the system as a website for users.
  - ii. Admin can add download links for the files on the server for users to download. This can be used make database dump or any particular table dump available to users.

## 7. System is now up for use.