

OrangeHRM Web Installation Guide for Windows



All rights reserved. Published in the United States of America. This publication is protected by copyright, and permission must be obtained from the publisher prior to any prohibited reproduction, storage in retrieval system, or transmission in any form or by any means, electronic mechanical, photocopying, and recording or likewise. For more information regarding permissions to please contact us on info@orangehrm.com.

This document is an effort by the OrangeHRM Training Department.

OrangeHRM is a web based application that has been written in PHP language and it uses a MySQL database to store data. It runs on PHP enabled Apache web server. Provided that both Apache and MySQL are running, you can access OrangeHRM via your web browser.

To install OrangeHRM in your PC, you need to have Apache, MySQL and PHP already installed. All these software products are free and open-source.

Installing each of them manually can be tedious. So we recommend XAMPP/WAMPP which is a free software pack that installs Apache, MySQL, PHP and some more useful software utilities.

Step 1:

Install the environment for OrangeHRM (Apache, MySQL and PHP) using XAMPP/WAMPP.

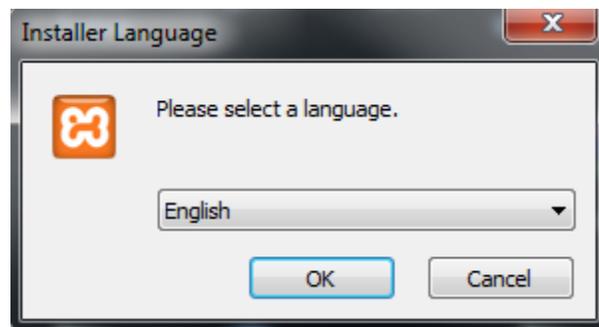
Download XAMPP for Windows at, <http://www.apachefriends.org/en/xampp-windows.html>

Download WAMPP (recommended version - 2.0 and above) for Windows at, <http://www.wampserver.com/en/download.php>

Go to the folder that XAMPP was downloaded in your PC and double click on the XAMPP icon to install.

Install XAMPP using the following the simple steps in the XAMPP installation guide.

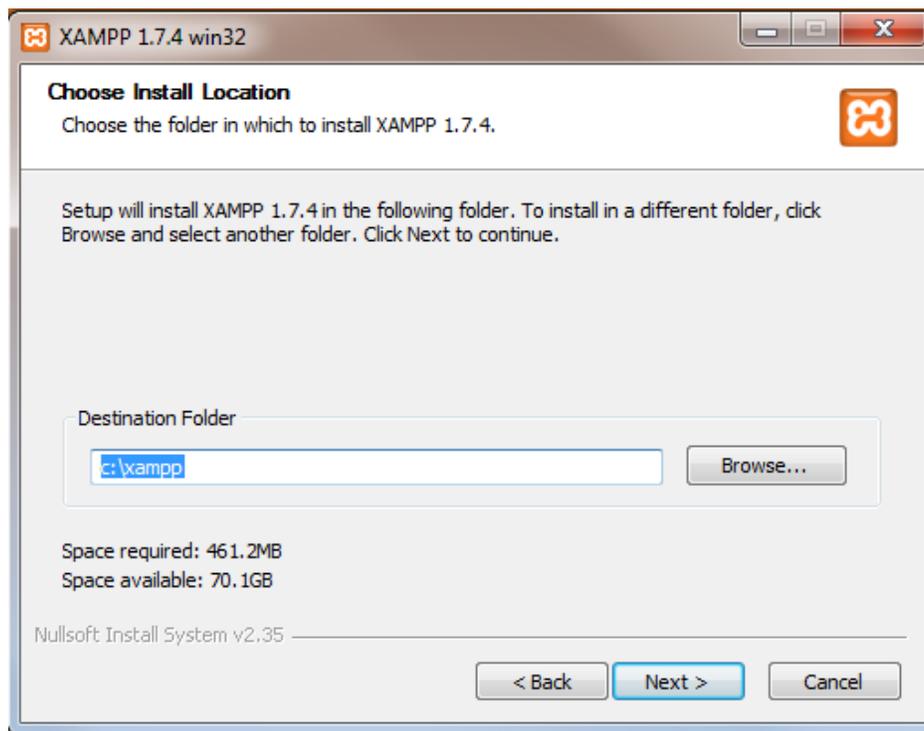
Select your preferred Language



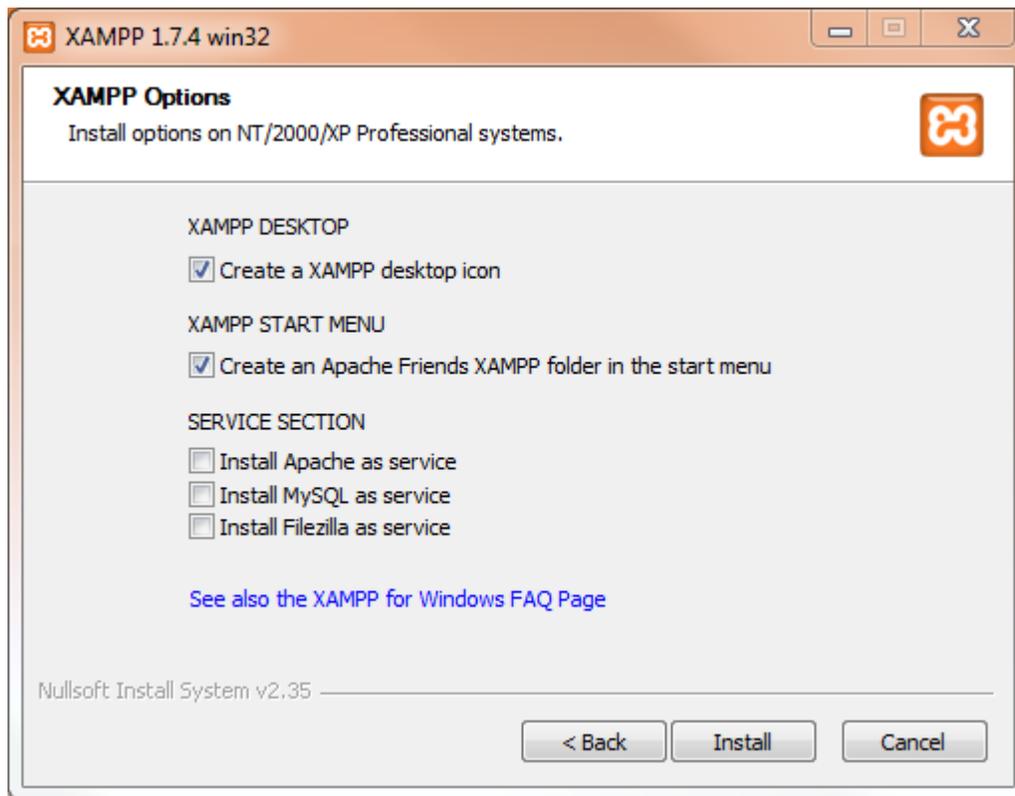
Click Next to proceed with your installation.



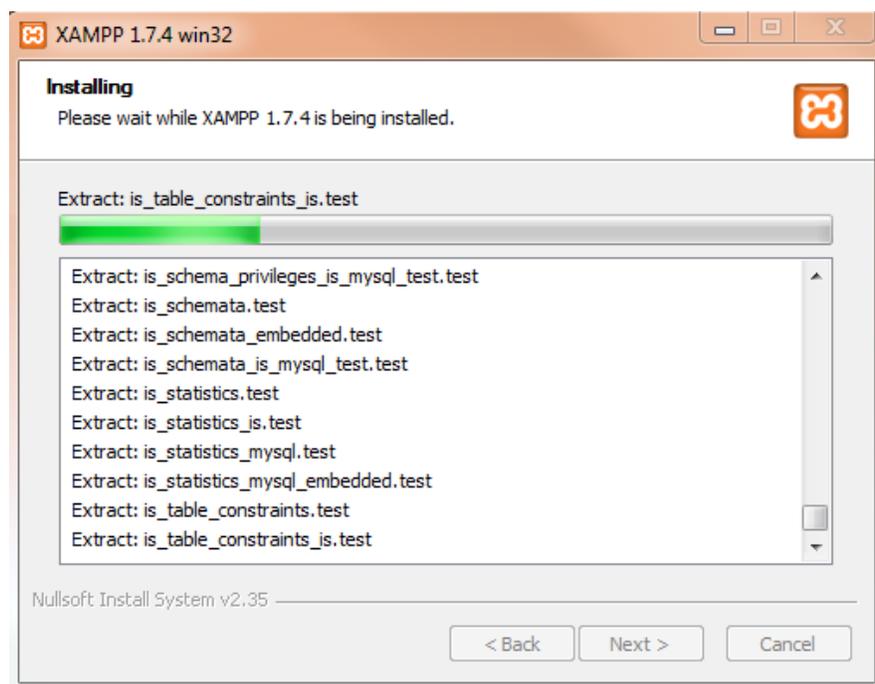
Select the destination folder that XAMPP needs to be saved in. (By default your destination folder to save XAMPP will be C:\)



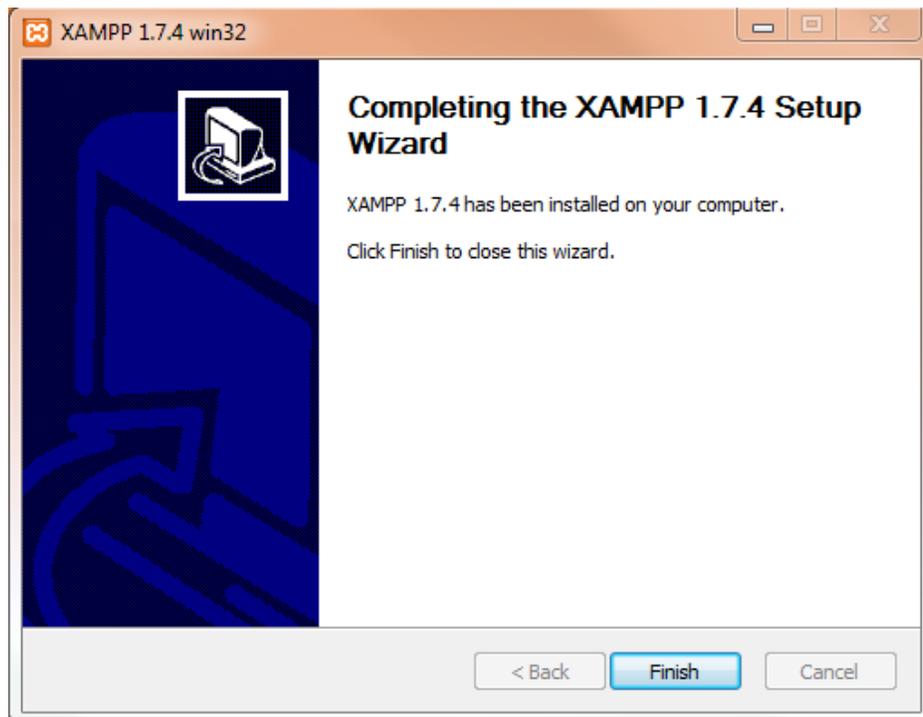
With the default checked options, click install.



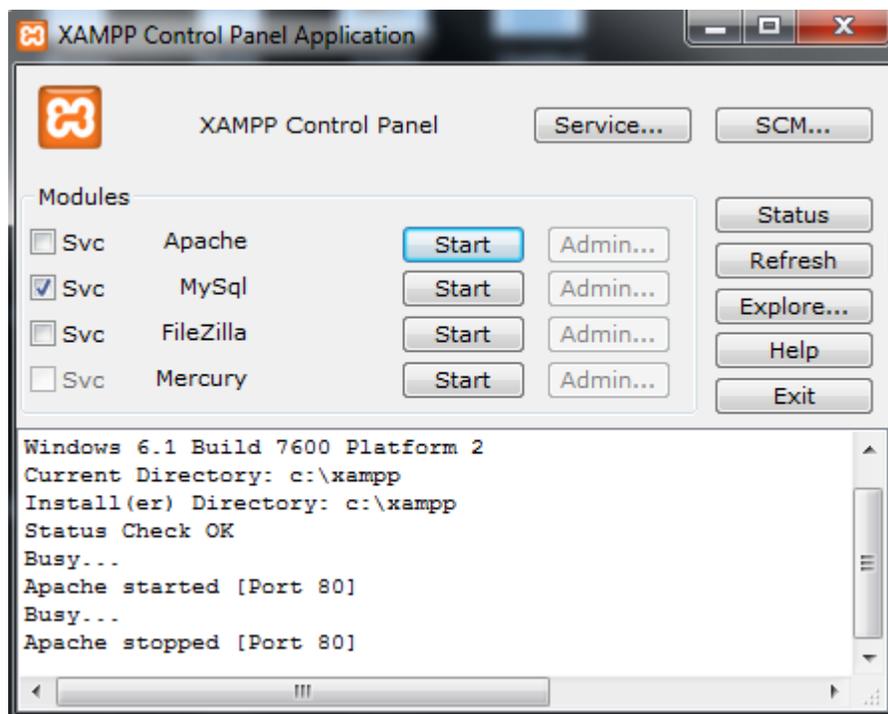
XAMPP will be installed in your PC. This may take a few minutes depending on the speed of your PC.



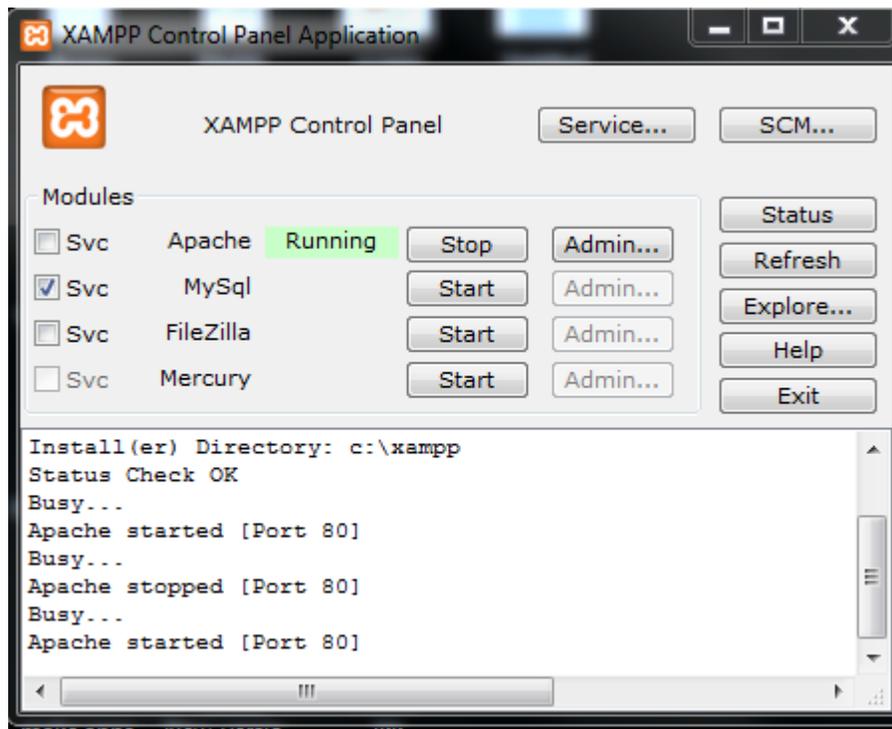
Click finish to complete your installation.



Once the XAMPP installation is complete, this XAMPP control panel will appear on your desktop.

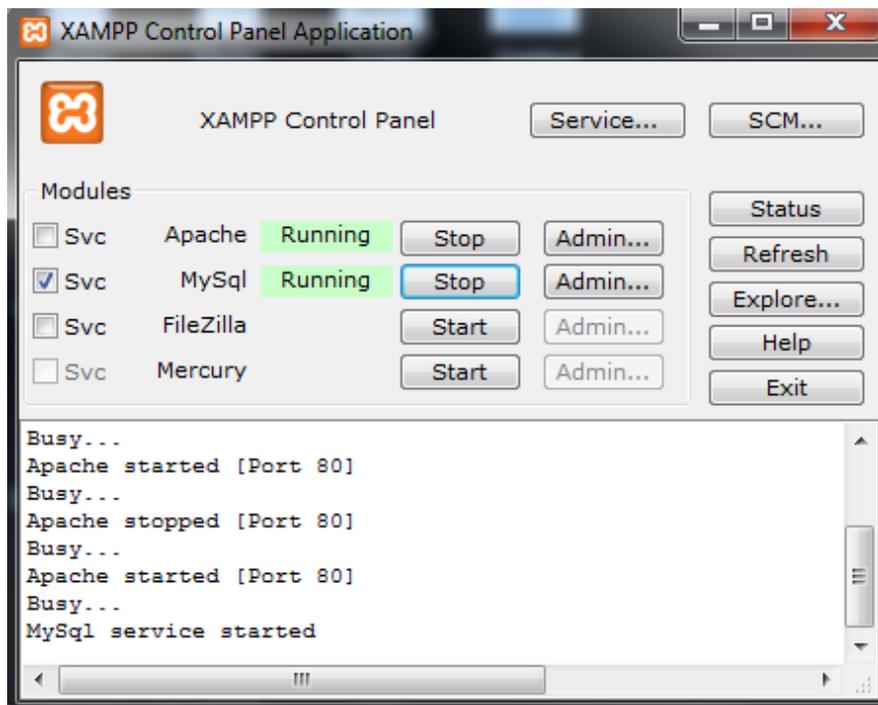


On the XAMPP control panel, to run Apache, click Start.



* A firewall message may appear, asking for permission to block/unblock Apache. Click "unblock" to allow Apache to run in your PC.

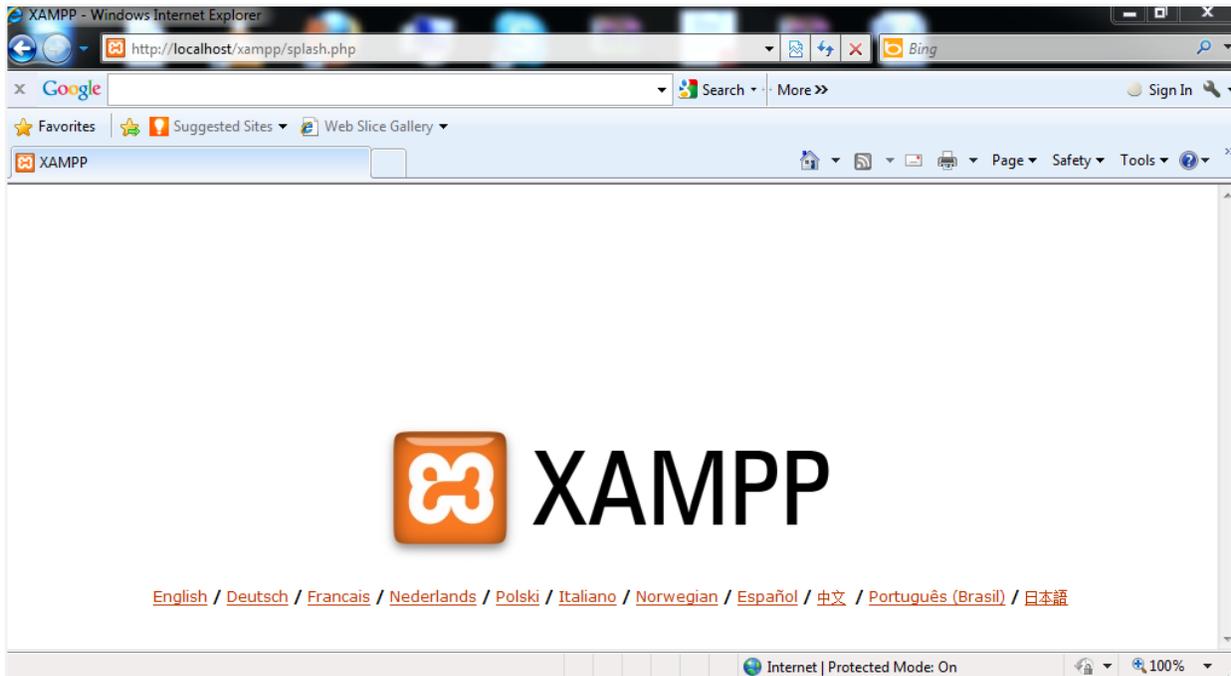
On the XAMPP control panel, to run MySQL, click the start button.



Before proceeding to the next step, check if Apache and MySQL are in running status on your XAMPP control panel.

If you have installed WAMPP, make sure that Apache and MySQL are in running status.

Then start your browser, and go to the following URL: <http://localhost/xampp/splash.php>



If the XAMPP homepage appears on your web browser, you have successfully installed XAMPP.

Step 2:

Now you may download OrangeHRM by visiting <http://orangehrm.com/download.php>

Download OrangeHRM ✓ Recommend 1k Follow @orangehrm · 2,350 followers

Latest Stable Releases
These releases have been tested by our QA team and has approved for active usage.

SaaS/Cloud	2.6.11 - EXE for Windows	2.6.11 - Windows (.zip)	2.6.11 - Linux (.tar.gz)
			
Try it for Free ↓	DOWNLOAD ↓	DOWNLOAD ↓	DOWNLOAD ↓
The most easy and best way to evaluate OrangeHRM.	One click installation, for novice users. Includes AMP Stack.	For advanced Windows users. Does not include AMP stack. Follow the Installation Guide .	For Linux users. Does not include AMP stack. Follow the Installation Guide .

If you are a Windows user, download Windows (.zip)

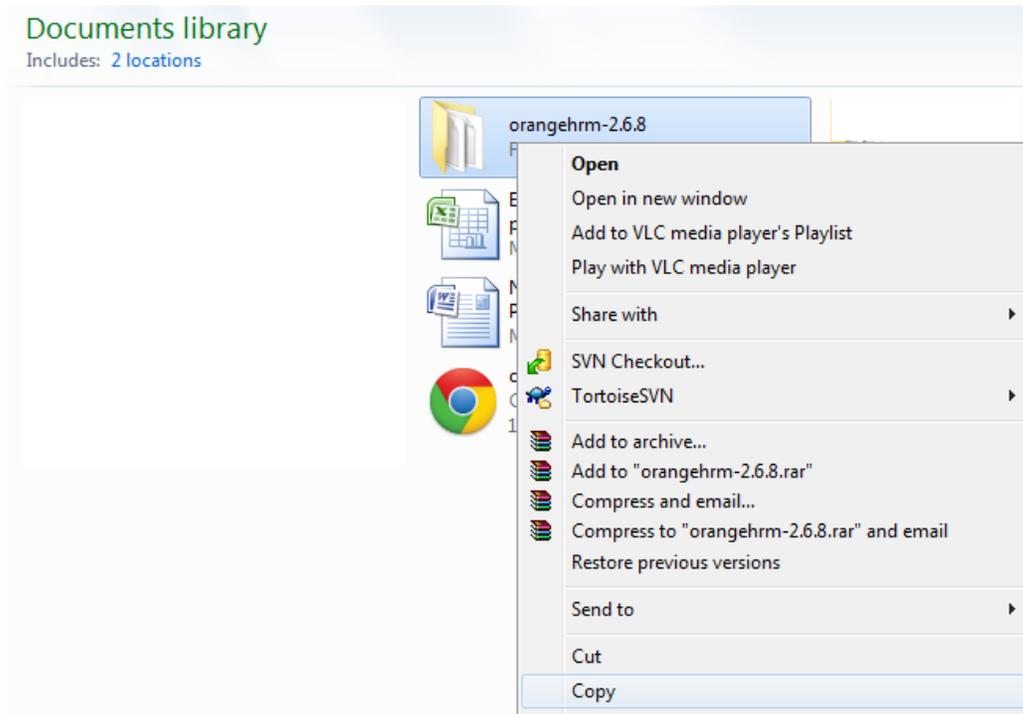
If you are a Linux user, download Linux (.tar.gz)

Once you fill up your registration details, OrangeHRM will automatically start downloading from Sourceforge (OrangeHRM product repository).

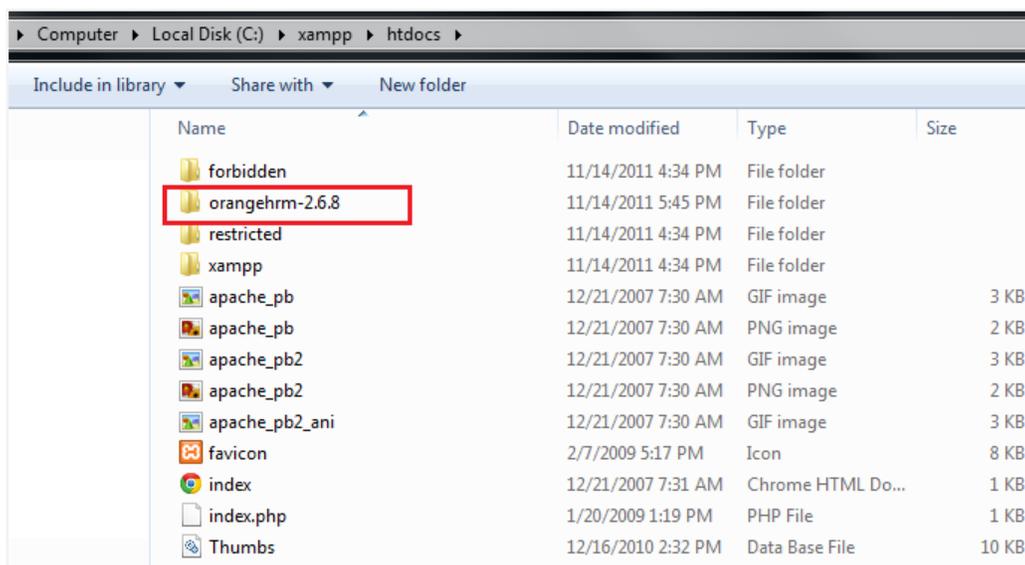
Step 3:

Once download is complete, go to the destination folder where OrangeHRM was downloaded in your PC.

Copy the OrangeHRM folder.



Paste the OrangeHRM folder in the htdocs folder.



If you have installed WAMPP, paste the OrangeHRM folder in the www folder.

Step 4:

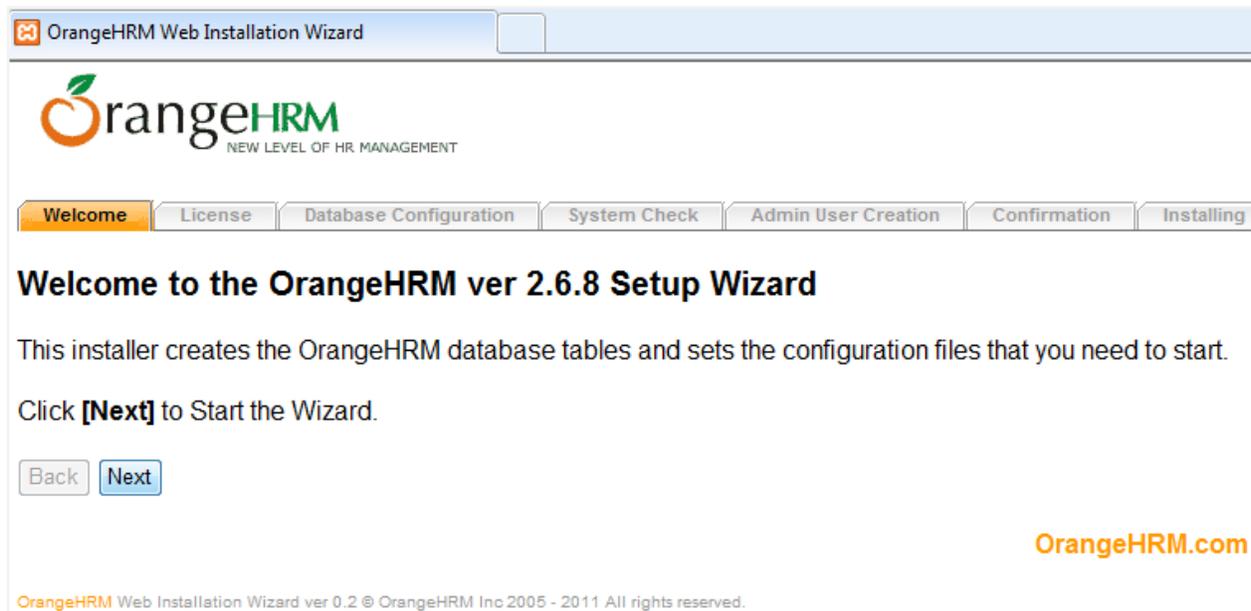
Copy and paste the name of the OrangeHRM version that you have downloaded in the following URL: <http://localhost/orangehrm-2.6.8>

 orangehrm-2.6.8	10/7/2011 3:03 PM	File folder
 orangehrm-2.6.8-beta.1	8/26/2011 11:01 AM	File folder
 orangehrm-OrangeHRM-HRO-portal-1.0	5/30/2011 11:18 AM	File folder
 SVN	9/5/2011 11:01 AM	File folder
 xampp	8/6/2009 12:00 AM	File folder

OR

Type the IP address of your PC instead of the OrangeHRM version name.

Click "Next" to begin OrangeHRM installation.



The screenshot shows the 'OrangeHRM Web Installation Wizard' window. At the top, the title bar reads 'OrangeHRM Web Installation Wizard'. Below the title bar is the OrangeHRM logo and tagline 'NEW LEVEL OF HR MANAGEMENT'. A progress bar at the bottom of the title bar shows the following steps: 'Welcome' (highlighted in orange), 'License', 'Database Configuration', 'System Check', 'Admin User Creation', 'Confirmation', and 'Installing'. The main content area displays the heading 'Welcome to the OrangeHRM ver 2.6.8 Setup Wizard'. Below the heading, the text reads: 'This installer creates the OrangeHRM database tables and sets the configuration files that you need to start. Click [Next] to Start the Wizard.' At the bottom left, there are two buttons: 'Back' and 'Next'. At the bottom right, the text 'OrangeHRM.com' is displayed. At the very bottom, a small footer reads: 'OrangeHRM Web Installation Wizard ver 0.2 © OrangeHRM Inc 2005 - 2011 All rights reserved.'

Click "I accept" to agree and proceed with the installation.

Welcome License Database Configuration System Check Admin User Creation Confirmation

Step 1: License Acceptance

Please read the license and click **[I Accept]** to continue.

```
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it.  By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users.  This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it.  (Some other Free Software Foundation software is covered by
the GNU Library General Public License instead.)  You can apply it to
your programs, too.
```

Back I Accept

OrangeHRM Web Installation Wizard ver 0.2 © OrangeHRM Inc 2005 - 2011 All rights reserved.

Configure your database by entering a preferred Database Host Name

(All the data that is populated into the system later, will be stored under this Database Host Name).

Select the two check boxes based on your requirements. Click "Next" to proceed.

Welcome License Database Configuration System Check Admin User Creation Confirmation Installing

Step 2: Database Configuration

Please enter your database configuration information below. If you are unsure of what to fill in, we suggest that you use the default values.

Database Configuration

Database to Use	New Database
Database Host Name	localhost
Database Host Port	3306
Database Name	orangehrm_mysql
Privileged Database Username	root *
Privileged Database User Password	*
Use the same Database User for OrangeHRM	<input checked="" type="checkbox"/>
OrangeHRM Database Username	orangehrm #
OrangeHRM Database User Password	#
Enable Data Encryption	<input checked="" type="checkbox"/>

Back Next

The System will check for minimum system requirements to install OrangeHRM in your PC.

Once the system check is complete, click "Next".

[Welcome](#) | [License](#) | [Database Configuration](#) | **System Check** | [Admin User Creation](#) | [Confirmation](#) | [Installing](#) | [Regi](#)

Step 3: System Check

In order for your OrangeHRM installation to function properly, please ensure that all of the system check items listed below are green. If any are red, please take the necessary steps to fix them.

Component	Status
PHP version	OK (ver 5.3.5)
MySQL Client	ver 4.1.x or later recommended (reported ver mysqlnd 5.0.7-dev - 091210 - \$Revision: 304625 \$)
MySQL Server	OK (ver 5.5.8)
MySQL InnoDB Support	Default
Write Permissions for "lib/confs"	OK
Write Permissions for "lib/logs"	OK
Write Permissions for "symfony/apps/orangehrm/config"	OK
Write Permissions for "symfony/cache"	OK
Write Permissions for "symfony/log"	OK
Maximum Session Idle Time before Timeout	OK
Register Globals turned-off	OK
Memory allocated for PHP script	OK
Web server allows .htaccess files	OK

[Back](#) | [Re-check](#) | [Next](#)

OrangeHRM Web Installation Wizard ver 0.2 © OrangeHRM Inc 2005 - 2011 All rights reserved.

You may create an administrator account to login to the system by entering the preferred Username and Password.

[Welcome](#) | [License](#) | [Database Configuration](#) | [System Check](#) | **Admin User Creation**

Step 4: Admin User Creation

After OrangeHRM is configured you will need an Administrator Account to Login into Please fill in the Username and User Password for the Administrator login.

Admin User Creation

OrangeHRM Admin Username

OrangeHRM Admin User Password

Confirm OrangeHRM Admin User Password

[Back](#) | [Next](#)

OrangeHRM Web Installation Wizard ver 0.2 © OrangeHRM Inc 2005 - 2011 All rights reserved.

This is the final step of your installation. This will show a summary of the previous steps in the installation. Click Install.

Welcome License Database Configuration System Check Admin User Creation **Confirmation** Installing Reg

Step 5: Confirmation

All information required for OrangeHRM installation collected in the earlier steps are given below. On confirmation the installer will create the database, database users, configuration file, etc. Click **[Install]** to continue.

Details

Host Name	localhost
Database Host Port	3306
Database Name	orangehrm_mysql
Privileged Database User-name	root
OrangeHRM Admin User Name	Admin
Data Encryption	Data Encryption is on. Employee Social Security Number and Employee Basic Salary would be encrypted. Please backup encryption key located at lib/confs/cryptokeys/

Back Cancel Install Install

OrangeHRM Web Installation Wizard ver 0.2 © OrangeHRM Inc 2005 - 2011 All rights reserved.

Once installation is complete, click "Next".

Welcome License Database Configuration System Check Admin User Creation Confirmation **Installing**

Step 6: Installing

Installation completed successfully. Click **[Next]** to continue.

Database Creation	Done
Create Database Tables	Done
Fill default data into the database	Done
Create Database User	Done
Create Default User	Done
Write Configuration File	Done

Back Next

OrangeHRM Web Installation Wizard ver 0.2 © OrangeHRM Inc 2005 - 2011 All rights reserved.

Once you have successfully installed OrangeHRM, register yourself to receive additional support and services from OrangeHRM.

Welcome License Database Configuration System Check Admin User Creation Confirmation Installing **Registration** [\[Help ?\]](#)

Step 7: Registration

You have successfully installed OrangeHRM, please take a moment to register.

Benefits of Registration

- Upgrades to new releases
- Receive patches for bug fixes
- Notification of new software updates
- Prioritize your support queries
- Receive OrangeHRM newsletter and other useful updates

Detail

First name	<input type="text" value="George"/>
Last name *	<input type="text" value="Smith"/>
Company*	<input type="text" value="Tech World Co."/>
Email*	<input type="text" value="george@techworld.com"/>
Telephone	<input type="text" value="897652789"/>
Comments	<input type="text"/>
Updates/Newsletter	<input checked="" type="checkbox"/>

* Required Fields

OrangeHRM Web Installation Wizard ver 0.2 © OrangeHRM Inc 2005 - 2011 All rights reserved.

Now you may login to the OrangeHRM system

Welcome License Database Configuration System Check Admin User Creation Confirmation Installing **Registration** [\[Help ?\]](#)

Step 7: Registration

You have successfully installed OrangeHRM, please take a moment to register.

Benefits of Registration

- Upgrades to new releases
- Receive patches for bug fixes
- Notification of new software updates
- Prioritize your support queries
- Receive OrangeHRM newsletter and other useful updates

Registration information was collected, and Successfully sent to OrangeHRM.com

Step 5:

Login to the OrangeHRM system by using the Administrator account that you created during the installation process.



The login panel features a large circular graphic on the left with the text "HR for ALL" and an orange logo. To the right, there is a "LOGIN Panel" header, a "Username" input field with a user icon, a "Password" input field with a lock icon, and a yellow "LOGIN" button.

OrangeHRM ver 2.6.8 © OrangeHRM Inc. 2005 - 2011 All rights reserved.



Welcome to the OrangeHRM system.



Welcome Admin [Change Password](#) [Logout](#)

ADMIN PIM LEAVE TIME BENEFITS RECRUITMENT PERFORMANCE REPORTS BUG TRACKER HELP

No Employees Available in the System

Employee Information

Employee Name	<input type="text" value="Type for hints..."/>	Id	<input type="text" value="Type Employee id..."/>	Employment Status	All
Supervisor Name	<input type="text" value="Type for hints..."/>	Job Title	All	Sub Unit	All

Search Reset

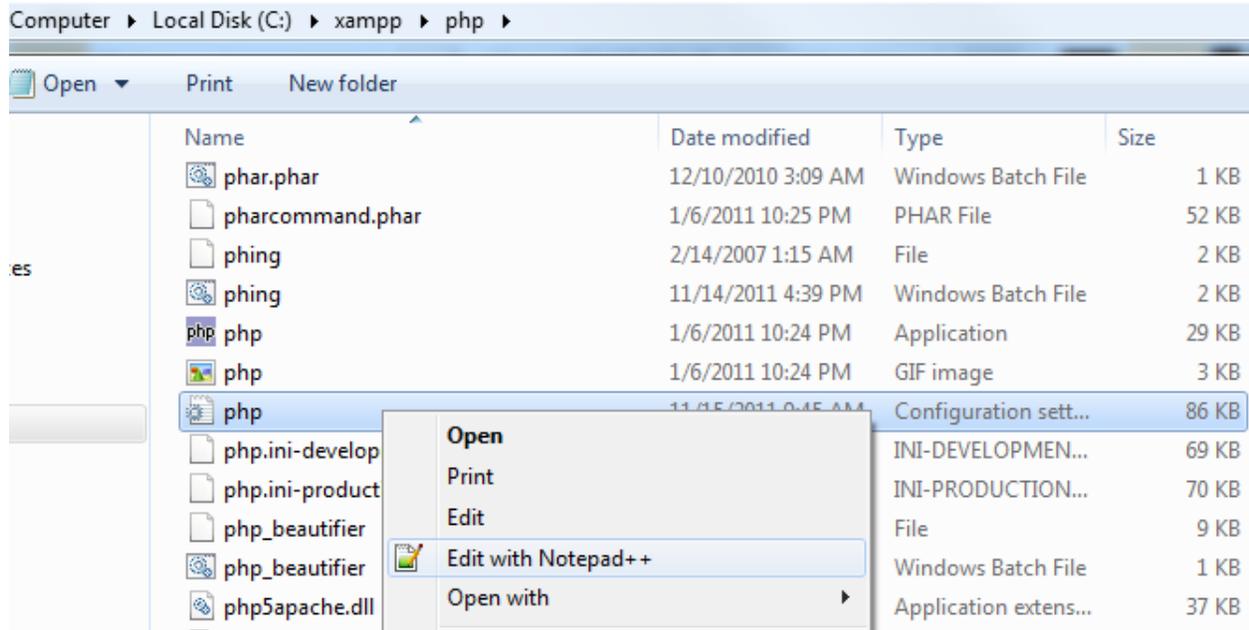
Add

Id First (& Middle) Name Last Name Job Title Employment Status Sub Unit Supervisor

Execution Time-out

While installing OrangeHRM, the process may time out and a blank page may appear on your browser.

To overcome this error, go to xampp and open php using an editor. (Eg: Notepad++)



Change the following as shown below “max_execution_time = 200” and “max_input_time = 200”

```
438
439 ; Maximum execution time of each script, in seconds
440 ; http://php.net/max-execution-time
441 ; Note: This directive is hardcoded to 0 for the CLI SAPI
442 max_execution_time = 200
443
444 ; Maximum amount of time each script may spend parsing request data. It's a good
445 ; idea to limit this time on productions servers in order to eliminate unexpectedly
446 ; long running scripts.
447 ; Note: This directive is hardcoded to -1 for the CLI SAPI
448 ; Default Value: -1 (Unlimited)
449 ; Development Value: 60 (60 seconds)
450 ; Production Value: 60 (60 seconds)
451 ; http://php.net/max-input-time
452 max_input_time = 200
453
454 ; Maximum input variable nesting level
455 ; http://php.net/max-input-nesting-level
456 ;max_input_nesting_level = 64
```

For any further inquires please write to info@orangehrm.com.