CS·CART®

Installation on a Local Computer

Web server environment

CS-Cart is developed to meet most server configurations ranging from shared hosting accounts to dedicated servers. In fact, there are only two core things that your host must have to run CS-Cart:

- **PHP** version **5.1** or greater;
- **MySQL** version **4.1** or greater.

This makes CS-Cart compatible with almost every server that supports PHP and MySQL. However, we recommend **Apache** or any interchangeable alternative as the most robust and stable server for your web store.

Other requirements and recommendations include:

- **mod_security** module for Apache is disabled;
- **safe_mod** is disabled;
- **file_uploads** is enabled;
- **cURL** is enabled;

    This PHP extension is required to ensure support for secure connections and some payment systems, including PayPal, Authorize.Net and Google Checkout, as well as real-time shipping rate calculators for FedEx and DHL/ Airborne;

- **GD library** is installed;
- **.htaccess** directory-level configuration file (if available) has the following directives allowed: DirectoryIndex, Deny, Allow, Options, Order, AddHandler, RewriteEngine, RewriteBase, RewriteCond and RewriteRule.

Server operating system

With respect to the server operating systems, we recommend a Unix-based operating system like **FreeBSD** or **Linux Red Hat**, but a Windows-based server will do. Our commitment to Unix-like systems is confirmed by their well-known scalability, better security capabilities and higher performance level.

These instructions are the same for all CS-Cart editions and apply to CS-Cart Community, CS-Cart Professional and CS-Cart Multi-Vendor.

CS-Cart is a model server-side software program, and you need to arrange an adequate web server environment even if you install CS-Cart on a local machine. This environment must include an HTTP server (Apache is recommended) together with PHP and MySQL. This task does not really require great technical knowledge or significant experience, but it may become annoying and unreasonable for non-techies, especially when it comes to configuring the server.

That is why we suggest a simple workaround allowing you to deploy a full-functioning web server on your local machine as if you installed a regular stand-alone application. This is to use **XAMPP**, an easy-to-install web server package containing the Apache HTTP server, MySQL database and PHP interpreter. All you need is to download the latest distribution package for your operating system and run the standard installation procedure. Once you deploy a web server on a local computer, CS-Cart will take you only a few minutes to install.

In this tutorial, you will learn how to install XAMPP on a Windows machine. If you use a different operating system, please refer to the instructions on the official website for the XAMPP project at http://www.apachefriends.org/en/xampp. html .

2.1. Deploying a Local Web Server

The instructions below describe the installation of XAMPP on a Windows machine. If you use a different operating system, please refer to the corresponding instructions on the official website for the XAMPP project at http://www. apachefriends.org/en/xampp.html .
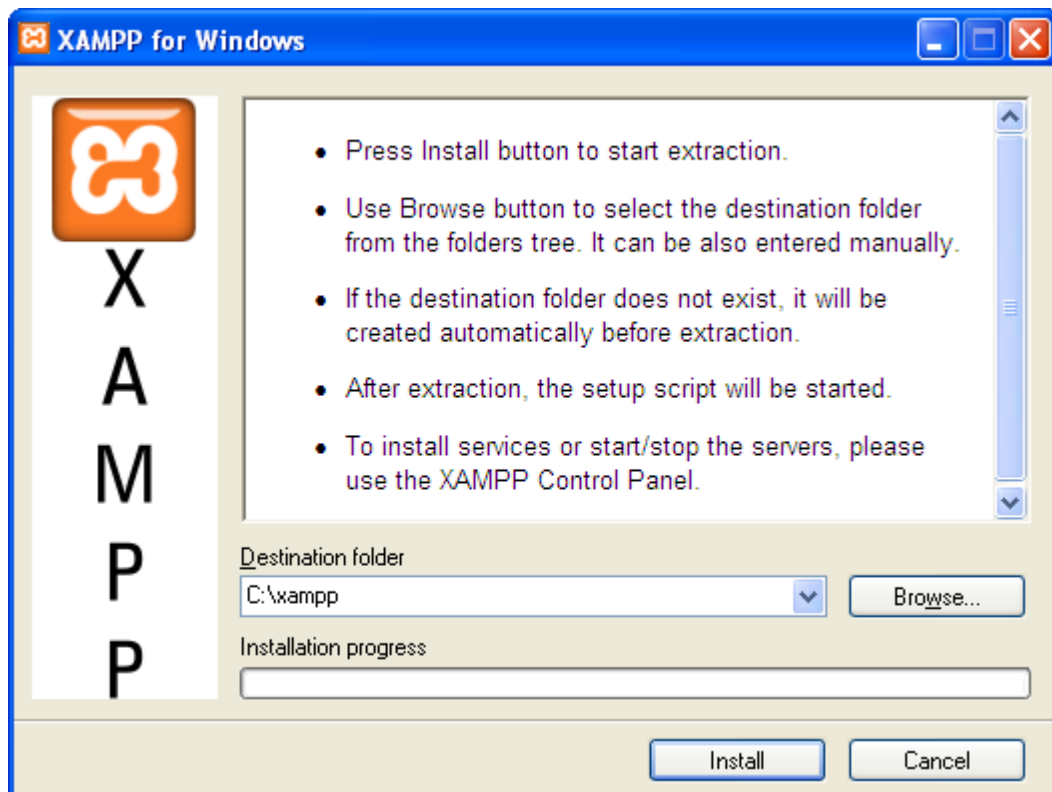
Downloading and Installing XAMPP

To install XAMPP on a local Windows machine:

1. Download a self-extracting RAR archive (EXE) from the following URL: http://www.apachefriends.org/en/xampp-windows.html#641.
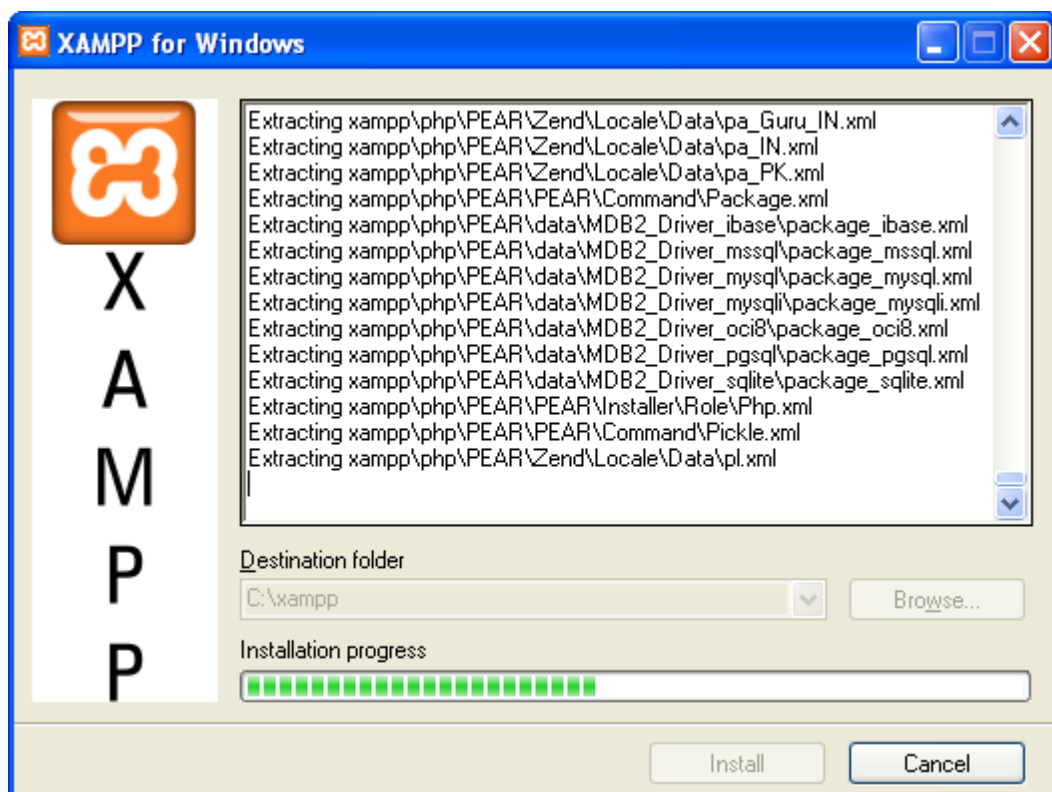
    If prompted, specify a download directory that you can easily locate and access. Otherwise, the file will be saved to the default download directory of your web browser.

2. After the download is complete, open the directory containing the downloaded file EXE file and run the file. This will launch the XAMPP installer.

3. At the first step, specify the destination folder for the XAMPP files. We recommend that it be a folder outside the standard `<windows_partition>\Program Files` directory as there may be missing or insufficient write permissions. For example, `C:\xampp`.
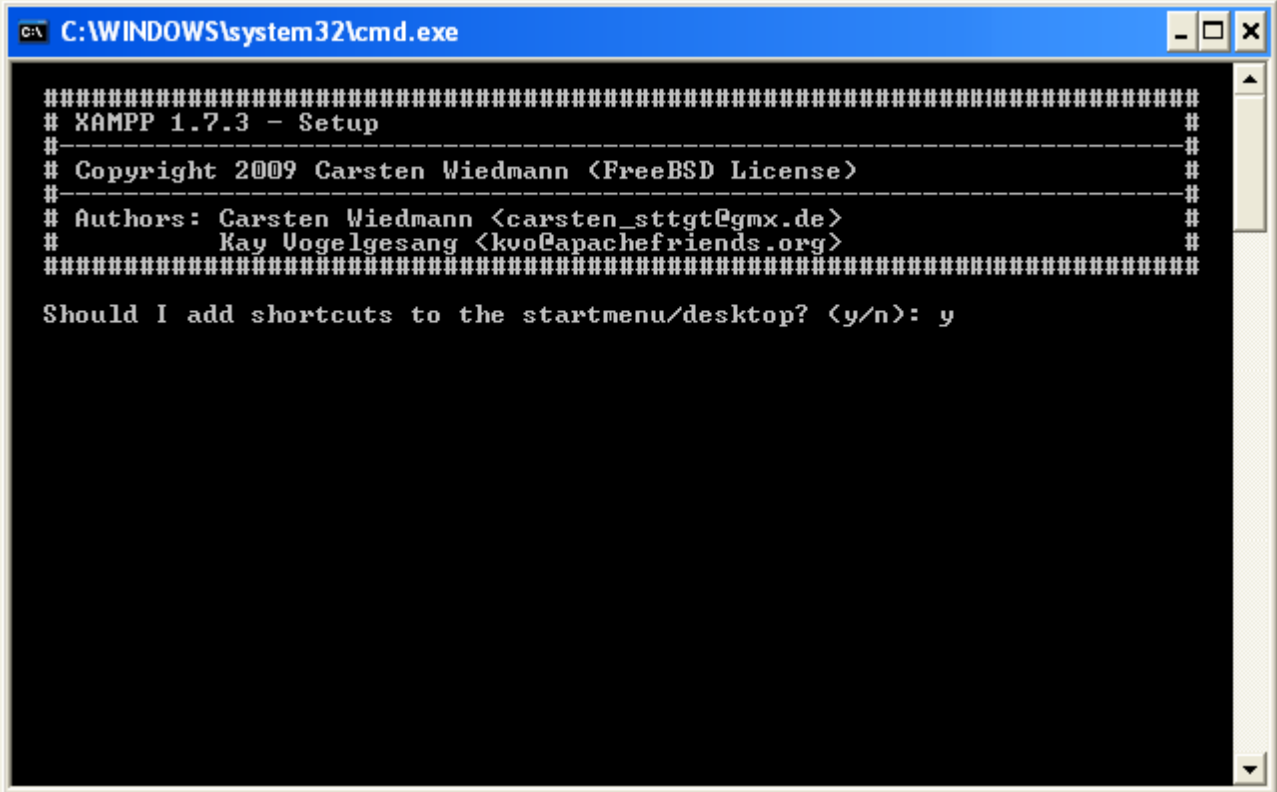
4. Click on **Install**.

The wizard will start extracting XAMPP to the destination folder displaying the progress.

Once the files have been extracted, the wizard will automatically launch a console application helping you configure XAMPP on your computer.
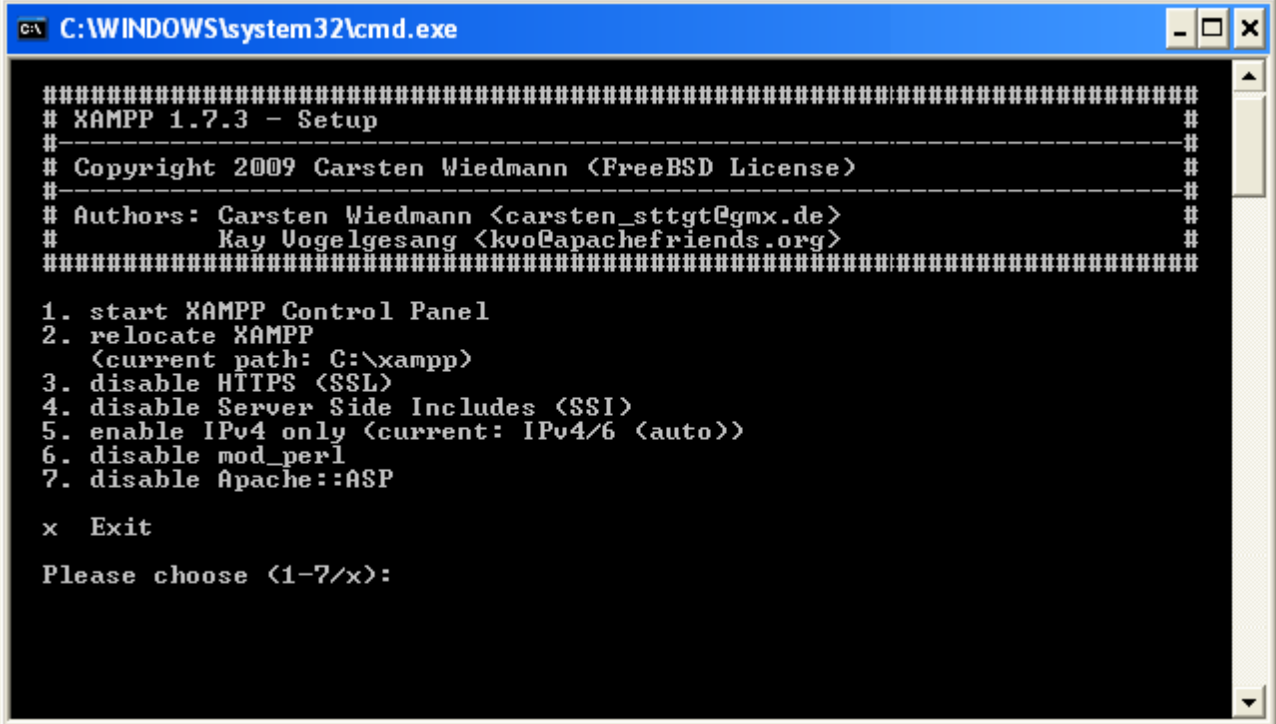

5. Follow the instructions on the screen until you see a message that XAMPP is ready to use.

6. At the final step, enter **x** to quit the installer without launching XAMPP.

```
 C:\WINDOWS\system32\cmd.exe                                _ □ ✕

 ##############################################################
 # XAMPP 1.7.3 - Setup                                        #
 #------------------------------------------------------------#
 # Copyright 2009 Carsten Wiedmann (FreeBSD License)          #
 #------------------------------------------------------------#
 # Authors: Carsten Wiedmann <carsten_sttgt@gmx.de>           #
 #          Kay Vogelgesang <kvo@apachefriends.org>           #
 ##############################################################

 1. start XAMPP Control Panel
 2. relocate XAMPP
    (current path: C:\xampp)
 3. disable HTTPS (SSL)
 4. disable Server Side Includes (SSI)
 5. enable IPv4 only (current: IPv4/6 (auto))
 6. disable mod_perl
 7. disable Apache::ASP

 x  Exit

 Please choose (1-7/x):
```
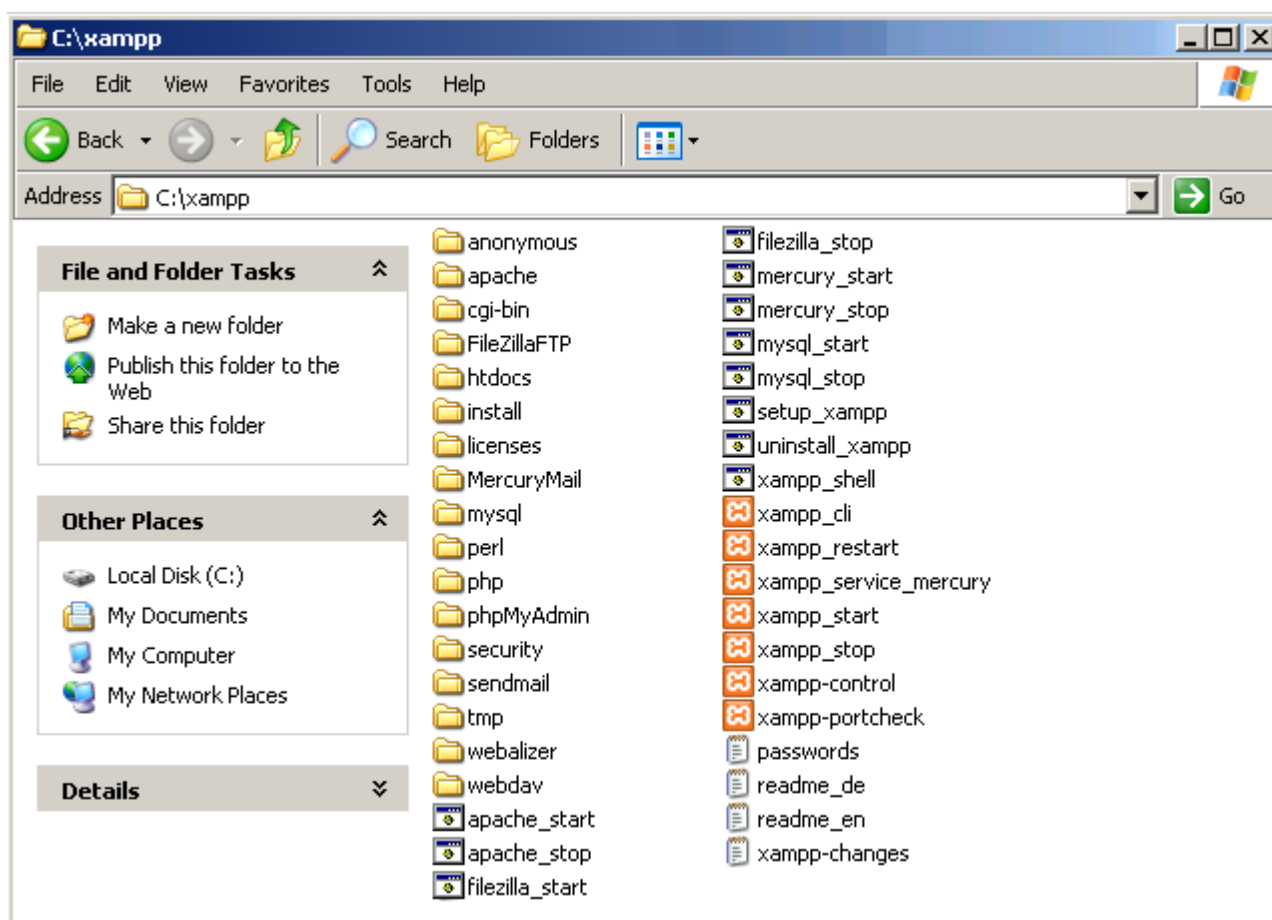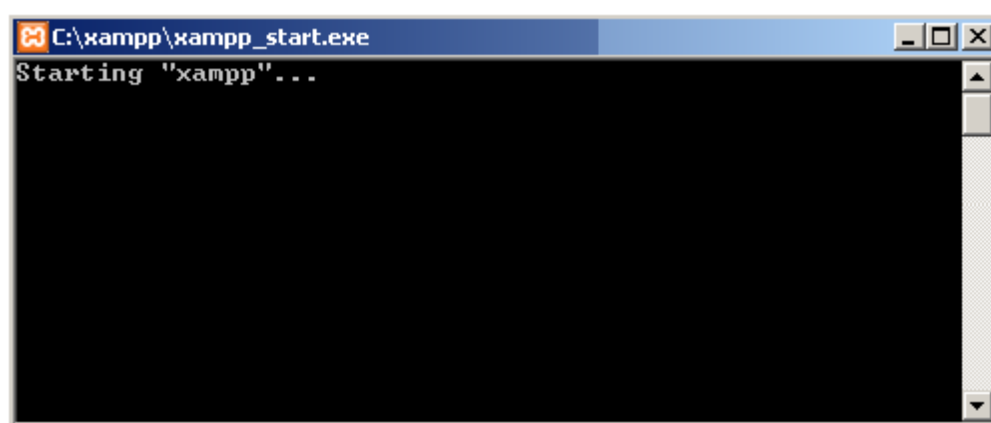
Running XAMPP

To launch the web server together with the required services:

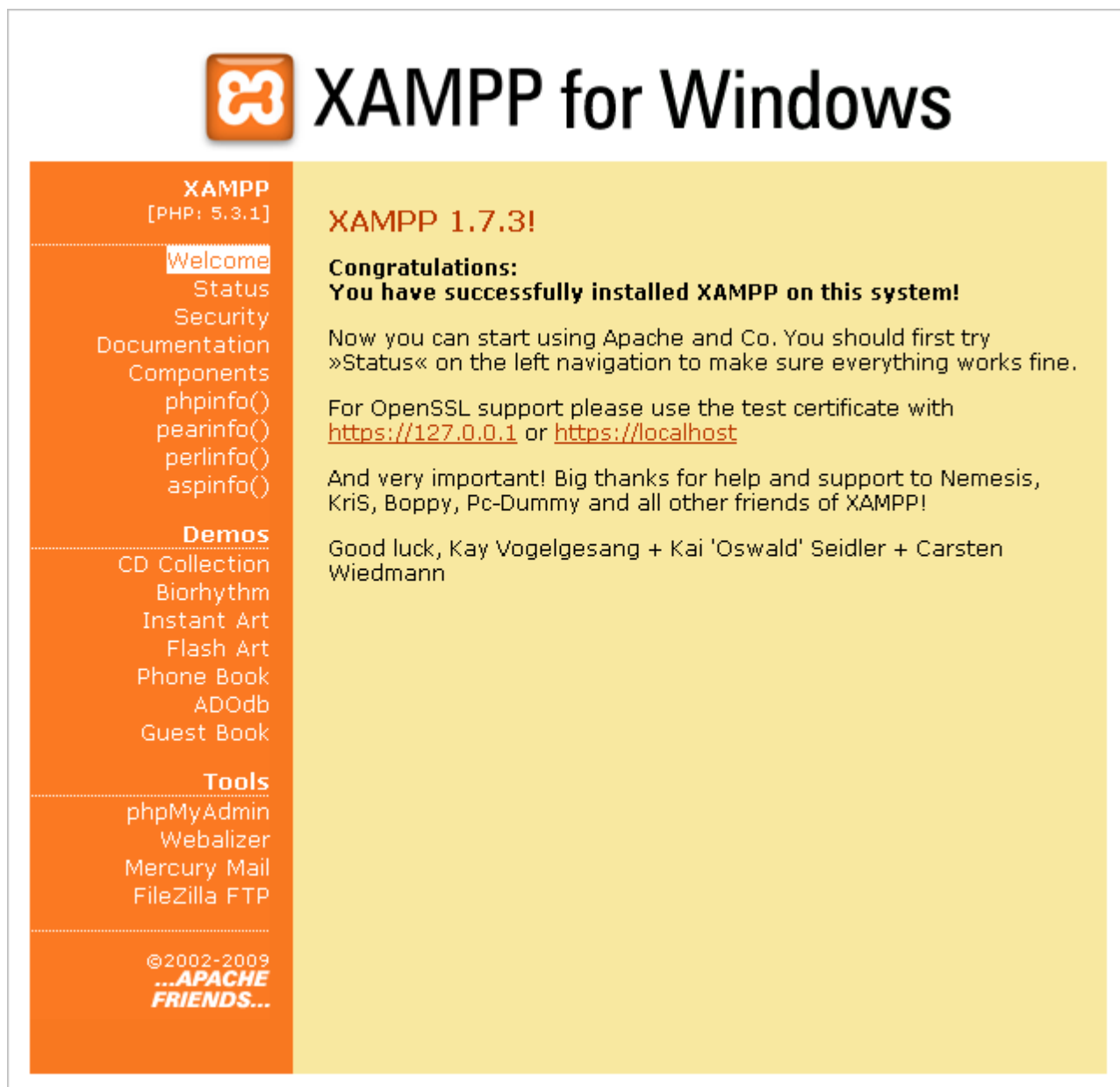1. Open the folder on your local system containing the XAMPP files.

2. Run the executable file **xampp_start.exe**

XAMPP will start launching the necessary services. Wait until the console window disappears from the screen.

Important! If Windows Firewall is turned on, you may be asked to decide how to handle the Apache and MySQL services launched by XAMPP. Select to unblock them.

3. Now the web server is up and running on your local machine. To check this, open `http://localhost/xampp/` or `http://127.0.0.1/xampp/` in your web browser. You should see the following welcome screen:

2.2. Installing CS-Cart

The instructions below describe the installation of CS-Cart on a local web server supported by XAMPP.

Important! Do not follow these instructions if you are installing CS-Cart on a remote server. Instead, use the instructions at http://www.cs-cart.com/installation.html .
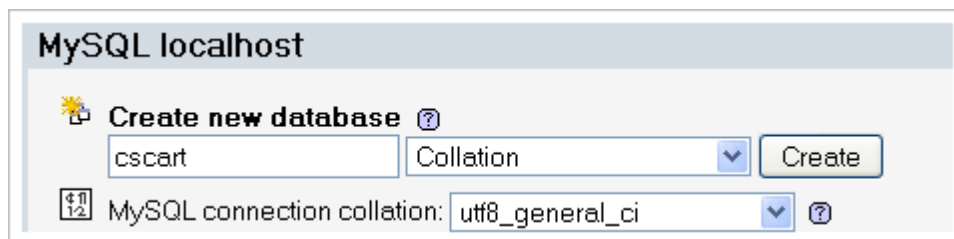
Before the Installation

There are a few things that you need to have and do before you begin installing CS-Cart. These are:

- **Download** the latest release of CS-Cart from the File Area section of your Help Desk account or from the CS-Cart website, if you are installing the trial version.
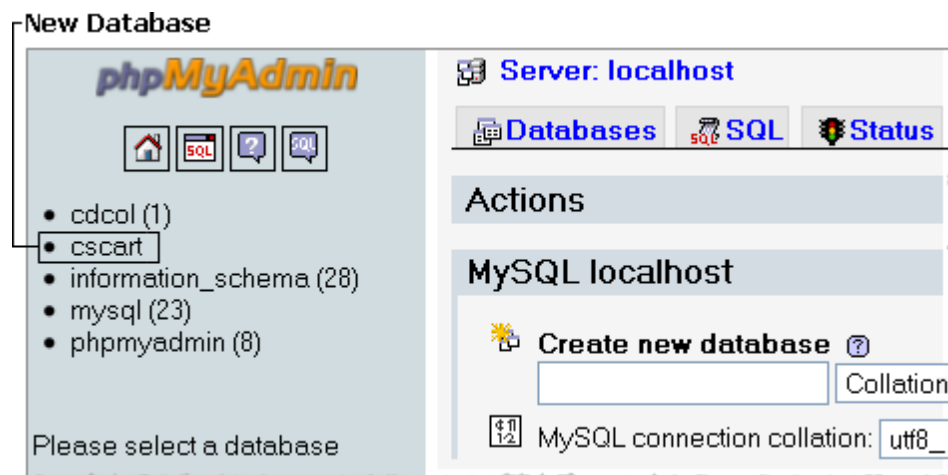- Create a **MySQL database** for CS-Cart.

Creating a Database

To create a MySQL database for CS-Cart:

1. Run XAMPP as described in Deploying a Local Web Server.

2. In your web browser, open the **phpMyAdmin** database management system which is available at `http://localhost/phpmyadmin/`.

3. In the MySQL localhost section, enter the name of the new database and click the **Create** button.

4. Once the new MySQL database is created, it will be listed on the left of the screen among the other databases.

Installation

To install CS-Cart on a local web server:

1. Create the new folder `cscart\` in the directory `<xampp_install_path>\htdocs`. For example, `C:\xampp\htdocs\cscart`.

2. Extract the distribution package with the latest CS-Cart release to the newly created directory. Make sure you retain the original file and directory structure.

> **Note:** To extract the compressed archive, use any file archive manager with support for TAR format, including
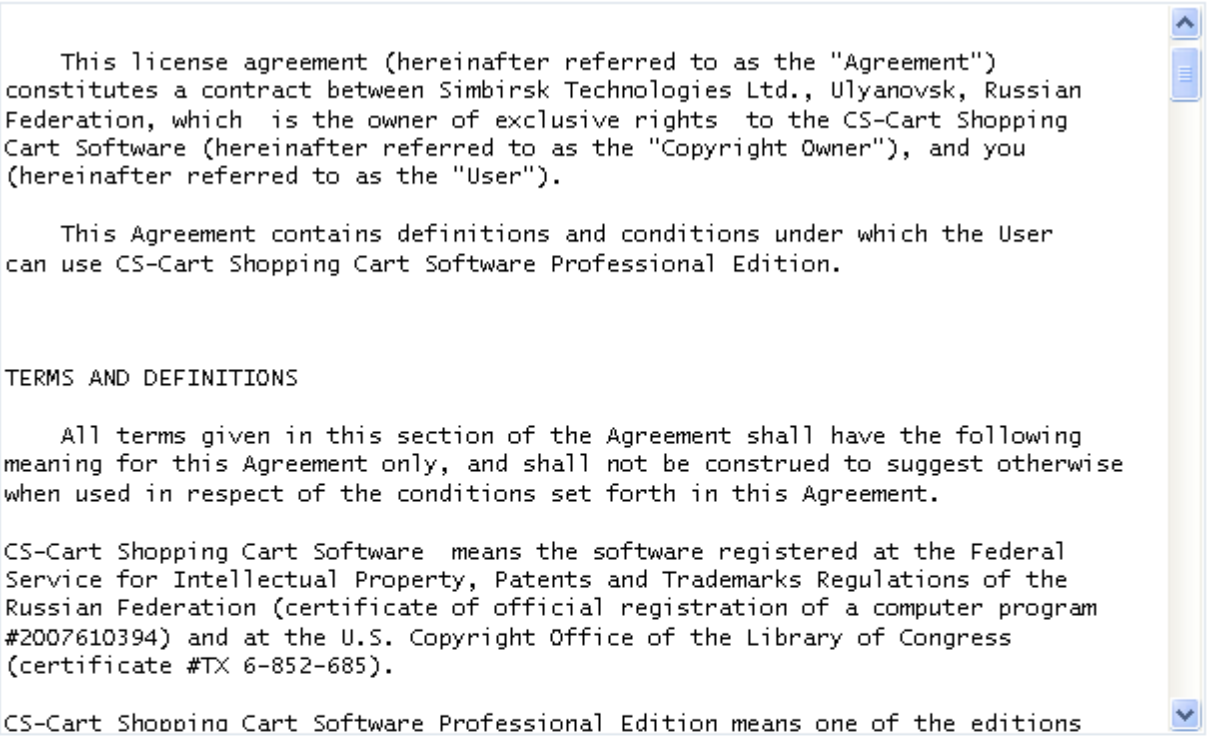
WinRAR, WinZIP, etc.

3. Run XAMPP as described in <u>Deploying a Local Web Server</u>, if you have not already.

4. In your web browser, open the URL `http://localhost/cscart/install`.

This will open the Installation Wizard that will guide you through the installation. It is important to complete every step of the Wizard until you see a screen saying that the installation is complete.

Step 1: License Agreement

Please thoughtfully read the CS-Cart License Agreement, and select the check box below the text of the Agreement to confirm that you agree with the conditions of the Agreement. If you do not agree with any part of the Agreement, stop the installation by closing the current page of the web browser.

```
      This license agreement (hereinafter referred to as the "Agreement")
constitutes a contract between Simbirsk Technologies Ltd., Ulyanovsk, Russian
Federation, which  is the owner of exclusive rights  to the CS-Cart Shopping
Cart Software (hereinafter referred to as the "Copyright Owner"), and you
(hereinafter referred to as the "User").

      This Agreement contains definitions and conditions under which the User
can use CS-Cart Shopping Cart Software Professional Edition.


TERMS AND DEFINITIONS

      All terms given in this section of the Agreement shall have the following
meaning for this Agreement only, and shall not be construed to suggest otherwise
when used in respect of the conditions set forth in this Agreement.

CS-Cart Shopping Cart Software  means the software registered at the Federal
Service for Intellectual Property, Patents and Trademarks Regulations of the
Russian Federation (certificate of official registration of a computer program
#2007610394) and at the U.S. Copyright Office of the Library of Congress
(certificate #TX 6-852-685).

CS-Cart Shopping Cart Software Professional Edition means one of the editions
```

☐ I accept CS-Cart Software License Agreement

[Next >]

Click on **Next** to continue.

Step 2: Checking Server Environment

At this step, the Wizard checks that your web server meets the minimum system requirements to run CS-Cart. The default XAMPP configuration does not support the cURL PHP extension, so it has the Failed status. Yet, this

makes no difference for the local installation as you will not be able to test online payment methods and real-time shipping rate estimation anyway.

Click on **Next** to continue.

Step 3: Host And Database Settings

At this step, you need to provide the details of your web server host and MySQL server as well as specify your License number and define other parameters.

The fields in this form mean as follows:

- Server host name - Leave the default value.
- Server host directory - Leave the default value.
- Secure server host name - Leave the default value.
- Secure server host directory - Leave the default value.
- MySQL server host - Leave the default value.
- MySQL database name - Enter the name of the database that you created for CS-Cart (e.g., `cscart`).
- MySQL user - Enter the username "root" (without quotation marks).
- MySQL password - Leave blank if you did not set up a password or enter the password if you did.
- Secret key to encrypt orders data - Leave blank. This field is normally expected to contain a custom sequence of alphanumerical symbols to be used as the key for the Blowfish encryption algorithm to conform to the Protect Cardholder Data part of PCI Data Security standards.

- Administrator e-mail - Email address of the store administrator at which you will receive email notifications.
- License number - Your CS-Cart license number. You may leave this field blank as the local installation is suitable for test and development purposes only, which does not require a license.
- Additional languages - Select the languages that must be available in the store.
- Install demo data - If selected, the Wizard will import a sample product catalog and some other demo data so you can test the store.

Click on **Next** to continue.

Step 4: Updating the Database

The installation script updates the CS-Cart configuration, creates database tables and populates the database with demo data if you have selected to do so.
Click on **Next** to continue.

Step 3.5: Choosing a Skin

At this step, you need to choose a skin for the storefront by selecting the skin name from the drop-down box. A preview of the selected skin is available below the box.

Click on **Next** to continue.

Step 3.6: Installing the Skin

Now the Wizard is installing the skin that you have selected at the previous step.

Click on **Next** to continue.

Step 3.7: Summary

This is the final step of the Wizard where the script reports of the successful installation and provides links to the storefront and the Administration panel as well as your credentials to access the Administration panel. Pay special attention to the alphanumeric code included in the message. This is the authorization code (Auth code) to run the installation script again.

Congratulations! The installation has been done successfully.

If you need to reinstall the software, you will be prompted to enter your authentication code: 3ZTM30GM

Attention! It is strongly recommended to remove or rename the **install** directory and rename default **admin.php** script (check the Knowledge base) for security reasons now.

Also it is recommended to change the access permissions for the **config.local.php** file. It should have 644 (read/write for the file owner and read for others) permissions.

Click on the link below to access the **customer front-end**:
http://localhost/cscart/index.php

Please use the following link to access the **administrator panel**:
http://localhost/cscart/admin.php

The default administrator username and password are as follows:
Username: **admin**
Password: **admin**

**Thank you for choosing CS-Cart.
We wish you success in your e-business.**