Setting up the environment for URL rewrites

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To enable the actual URL rewrites, set up the environment as follows:

- 1. Install the Apache HTTP Server.
- 2. Activate the mod_rewrite module (rewrite requested URLs on the fly).
- 3. Create and allow to use the .htaccess file.

Setting up the environment on Windows

To install the Apache HTTP Server

- 1. Go to https://www.apachefriends.org/download.html.
- 2. Download to your computer the installer of the latest XAMPP version for Windows. For this, click the Download (32 bit) button.
- 3. Start the installation. The XAMPP Setup Wizard opens.

Give the Apache HTTP Server runs by default on the 80 port, make sure Cameo Collaborator (Alfresco Community) is installed on another

- 4. In the Select Components step, specify the components you want to install together with XAMPP:
 - Under Server, select the Apache check box only.
 - Under Program Languages, select the PHP check box only.

🖾 Setup	
Select Components	ເຊ
Select the components you want to install; clear Next when you are ready to continue.	the components you do not want to install. Click
Gerver ✓ Server ✓ Apache ✓ MySQL ✓ MySQL	
FileZilla FTP Server	
Program Languages PHP Perl Program Languages	
phpMyAdmin Webalizer	
XAMPP Installer	
	<back next=""> Cancel</back>

- 5. In the **Installation folder** step, specify where to store the installation files, for example, *C:\xampp*.
- 6. In the BitNami for XAMPP step, click to clear the Learn more about BitNami for XAMPP check box.

7. Wait while the XAMPP installation is completed, make sure the **Do you want to start the Control Panel now?** check box is selected, and click **Fi nish** to open the XAMPP Control Panel instantly.

😆 Setup		
	Completing the XAMPP Setup Wizard Setup has finished installing XAMPP on your computer. ✓ Do you want to start the Control Panel now?	
bitnami	< Back Finish C	Cancel

Dopen the XAMPP Control Panel later, double-click the XAMPP Control Panel icon on your desktop, or select Start > All Programs > XAMPP > XAMPP Control Panel.

8. By default, the Apache Server is not installed as a Windows service. Thus, you have to do this manually via the XAMPP Control Panel. For this, click the red X button near **Apache** and then click **Yes** in the message prompting for your confirmation.

3	XA	MPP Control Panel v	3.2.1				Je Config	
lodules ervice	Module	PID(s) Port(s)	Actions				Netstat	
×	Apache		Start	Admin	Config	Logs	Shell	
	MySQL		Start	Admin	Config	Logs	Sector Explorer	
	FileZilla		Start	Admin	Config	Logs	😴 Services	
	Mercury		Start	Admin	Config	Logs	😥 Help	
	Torncat		Start	Admin	Config	Logs	Quit	
	main] main] main]	Running with Administrator rig XAMPP Installation Directory: Checking for prerequisites		Conf	irm		×	

Sure you run the XAMPP Control Panel as administrator.

9. In case of successful installation, the green V appears near Apache.

lodules -	Module	PID(s)	Port(s)	Actions				Netstat
	Apache			Start	Admin	Config	Logs	Shell
	MySQL			Start	Admin	Config	Logs	Explorer
	FileZilla			Start	Admin	Config	Logs	😴 Services
	Mercury			Start	Admin	Config	Logs	😟 Help
	Tomcat			Start	Admin	Config	Logs	Quit
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- 10. To start the server, do either:
 - Restart your computer.
 - In the XAMPP Control Panel, click the Start button near Apache.

To activate the mod_rewrite module

- 1. Open <XAMPP installation folder>\apache\conf, for example, C:\xampp\apache\conf.
- 2. Open the httpd.conf file for edit.
- 3. Find the following line:

#LoadModule rewrite_module modules/mod_rewrite.so

- 4. Remove the pound (#) sign from that line to uncomment it.
- 5. Find all occurrences of

AllowOverride None

6. Replace them with

AllowOverride All

- 7. Save and close the httpd.conf file.
- 8. Restart your computer.

To create and allow to use the .htaccess file

- 1. Open Notepad.
- 2. Append the new document with the following line this command allows rewriting URLs:

RewriteEngine On

3. Save the document as .htaccess to <XAMPP installation folder>\htdocs (the default Apache website root directory), for example, C:\xampp\htdocs.

. htaccess file cannot be created by right-clicking an empty place in the specified folder and selecting New > Text Document.

4. Close the document.

(!)

Setting up the environment on Linux

To setup the environment for URL rewrites

- 1. Connect to the remote server using SSH or open the terminal directly.
- **2.** Install the Apache HTTP Server.

the Apache HTTP Server runs by default on the 80 port, make sure Cameo Collaborator (Alfresco Community) is installed on another port, for example, 81.

3. Activate the *mod_rewrite* module with the following command:

a2enmod rewrite

- 4. Go to the default Apache website root directory.
- 5. Create the *.htaccess* file.
- 6. Set the file access permission for all non-root users so that they could edit the file.

the non-root users must be in the same users group as the Apache HTTP Server process.

Apache server process runs as the www-data user, the non-root users must be in the www-data users group.

- 7. Open the www-data users group:
- 8. Append the file contents with the following line this command allows rewriting URLs: chown www-data www-data .htaccess RewriteEngine On
- 9. Save and close the file.

Related pages

- Administrator Guide
- Producing an easy-to-remember URL