



# CoLab

Server Deployment Guide

## Step 1: Install web environment

- Download and install XAMPP for your operating system(<https://www.apachefriends.org/download.html>). XAMPP is an easy to install Apache distribution containing MySQL, PHP, and Perl.

## Step 2: Copy the files

### Windows

- Copy the supplied colab folder to the htdocs of your web environment. For XAMPP the default is stored at 'C:\xampp\htdocs\'

### OS X

- Copy the supplied colab folder to the htdocs of your web environment. For XAMPP the default is stored at '/Applications/XAMPP/xamppfiles/htdocs'
- Ensure the folders '/app/storage' and the '/public/uploads/' within the colab folder have write permissions. You can achieve this by navigating to the colab folder in terminal and running the commands 'sudo chmod 777 app/storage' and 'sudo chmod 777 public/uploads'

### Linux

- Copy the supplied colab folder to the htdocs of your web environment. For XAMPP the default is stored at '/opt/lampp/htocs'
- Ensure the folders '/app/storage' and the '/public/uploads/' within the colab folder have write permissions. You can achieve this by navigating to the colab folder in terminal and running the commands 'sudo chmod 777 app/storage' and 'sudo chmod 777 public/uploads'

## Step 3: Start Apache and MySQL services

- Open up the XAMPP Control Panel and start the Apache and MySQL service

## Step 4: Configure the database

- Open up phpMyAdmin. Create a new database 'colab'
- Import the file 'colab\_default.sql' in the colab folder into the new database.
- Open up the database config file '/app/config/database.php' and replace the mysql username and password with your own settings

## Finished

- You should find your server running on the localhost at <http://localhost/colab/public/>

## Troubleshooting

### XAMPP Installation

For operating system specific instructions and general FAQs, check out the developers website at <https://www.apachefriends.org/>

### Links are not working

Check out the apache configuration file 'httpd.conf' (location varies by operating system and Apache distribution) and replace all values that say 'AllowOverride None' with the line 'AllowOverride All'