

Panduan pemasangan sWADAH



Pada Windows Server/PC

(Hanya meliputi langkah asas. Untuk langkah keselamatan, anda mungkin memerlukan panduan seorang pakar)

Panduan adalah menggunakan XAMPP, anda disaran untuk tidak menggunakan XAMPP pada persekitaran sebenar.

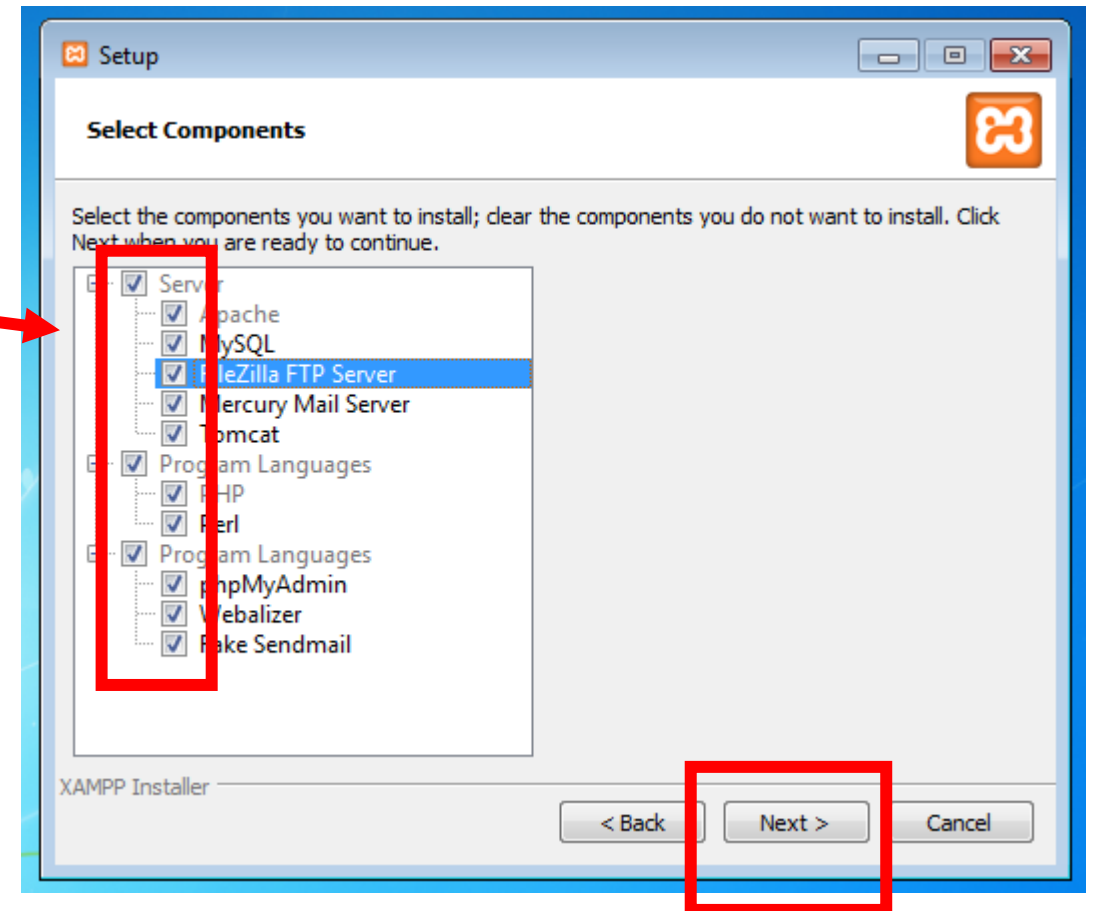
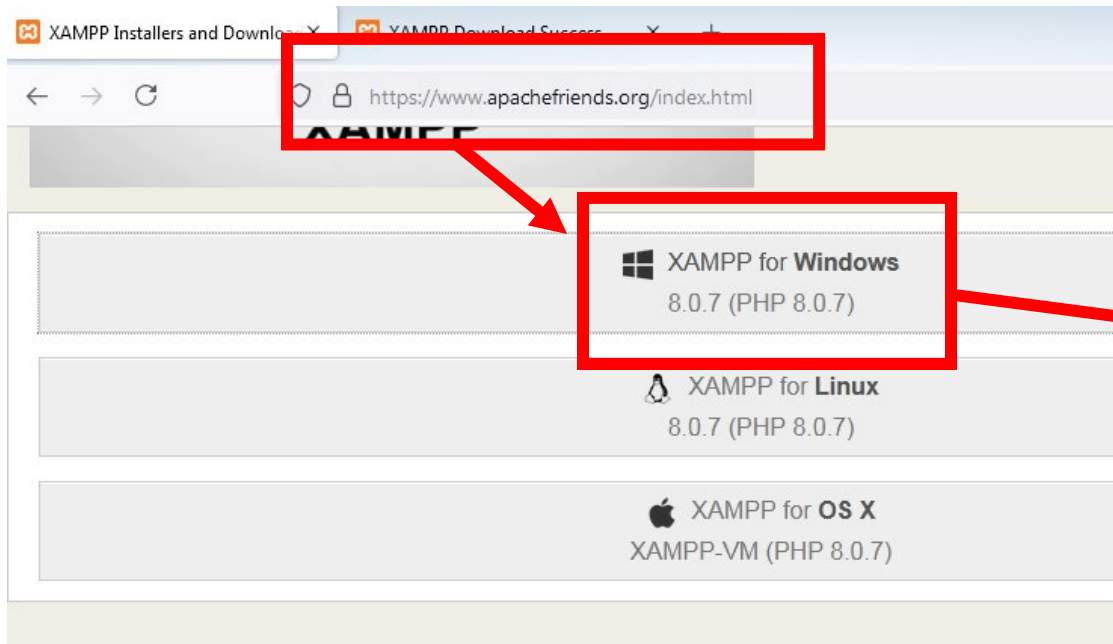


Untuk semua setup/installer

Hanya tekan **Next**, kecuali pada skrin yang ditunjukkan pada panduan ini.

Langkah ini boleh diabaikan sekiranya telah ada PHP, MariaDB dan Apache.

Pemasangan XAMPP -



Pindah terima XAMPP for Windows yang menyokong PHP 8. Biarkan sebagai default installation dan hanya klik Next sehingga ke akhirnya.

Langkah ini boleh diabaikan sekiranya telah ada PHP, MariaDB dan Apache.

Menyemak pemasangan XAMPP

Setelah selesai pemasangan, tanda tick pada **Do you want to start the Control Panel now?** dan klik **Finish**.

Kemudiannya, untuk Module Apache dan MySQL klik pada Actions **Start** sehingga keduanya berwarna hijau.

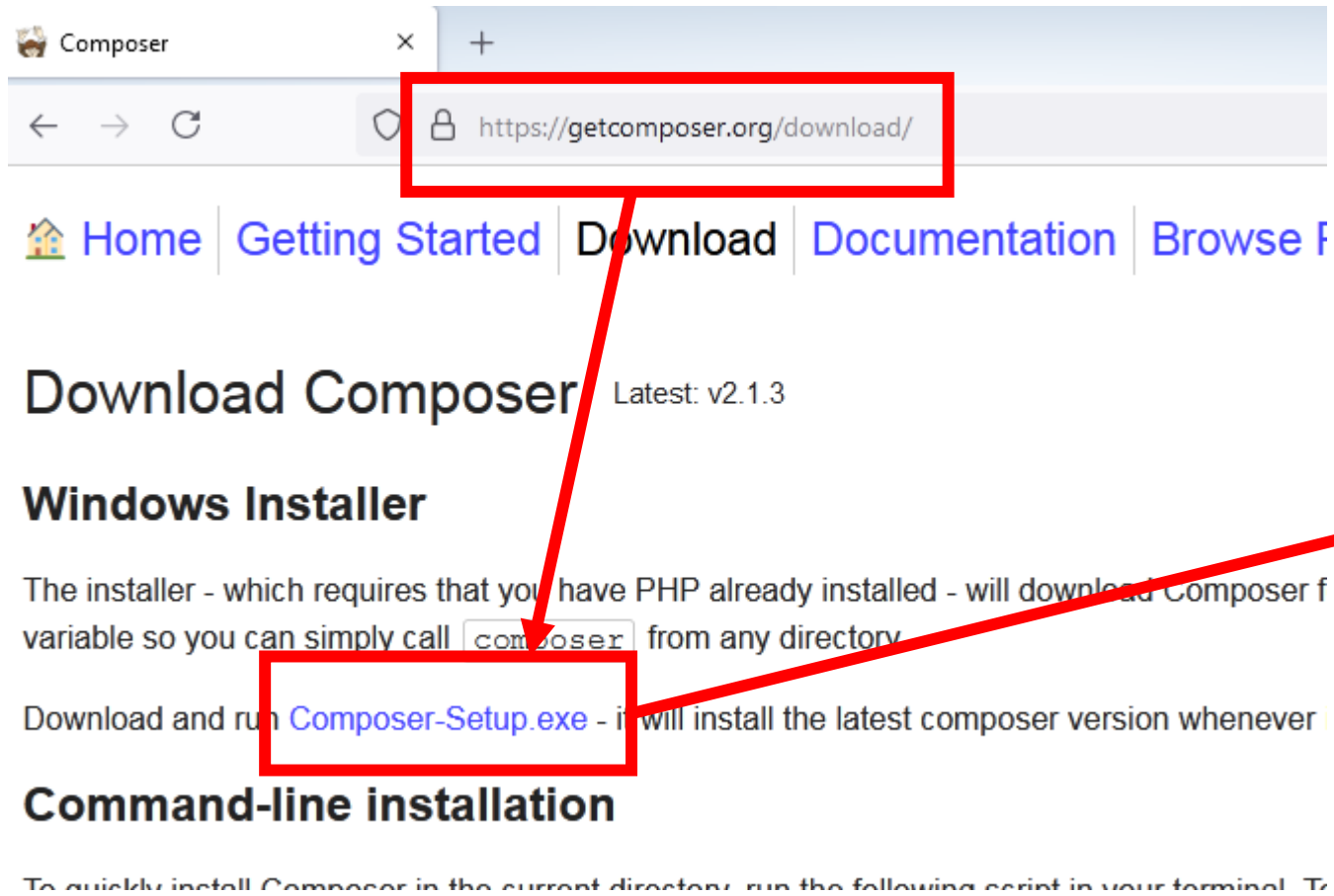
Setelah itu, mara ke <http://localhost/dashboard> untuk memastikan instalasi XAMPP anda berjaya.

Welcome to XAMPP for Windows 8.0.7

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the [FAQs](#) section or check the [HOW-TO Guides](#) for getting started with PHP applications.

Langkah ini boleh diabaikan sekiranya telah ada Composer.

Pemasangan Composer -



The screenshot shows the Composer website's download page. A red box highlights the URL `https://getcomposer.org/download/` in the browser's address bar. A red arrow points from this box to the `Composer-Setup.exe` link in the 'Windows Installer' section. Another red box highlights the `Composer-Setup.exe` link, with a red arrow pointing to the 'Next >' button in the 'Composer Setup' window. A third red box highlights the 'Add this PHP to your path?' checkbox in the 'Settings Check' section, with a red arrow pointing to the same checkbox.

Composer

Home | Getting Started | Download | Documentation | Browse f

Download Composer

Latest: v2.1.3

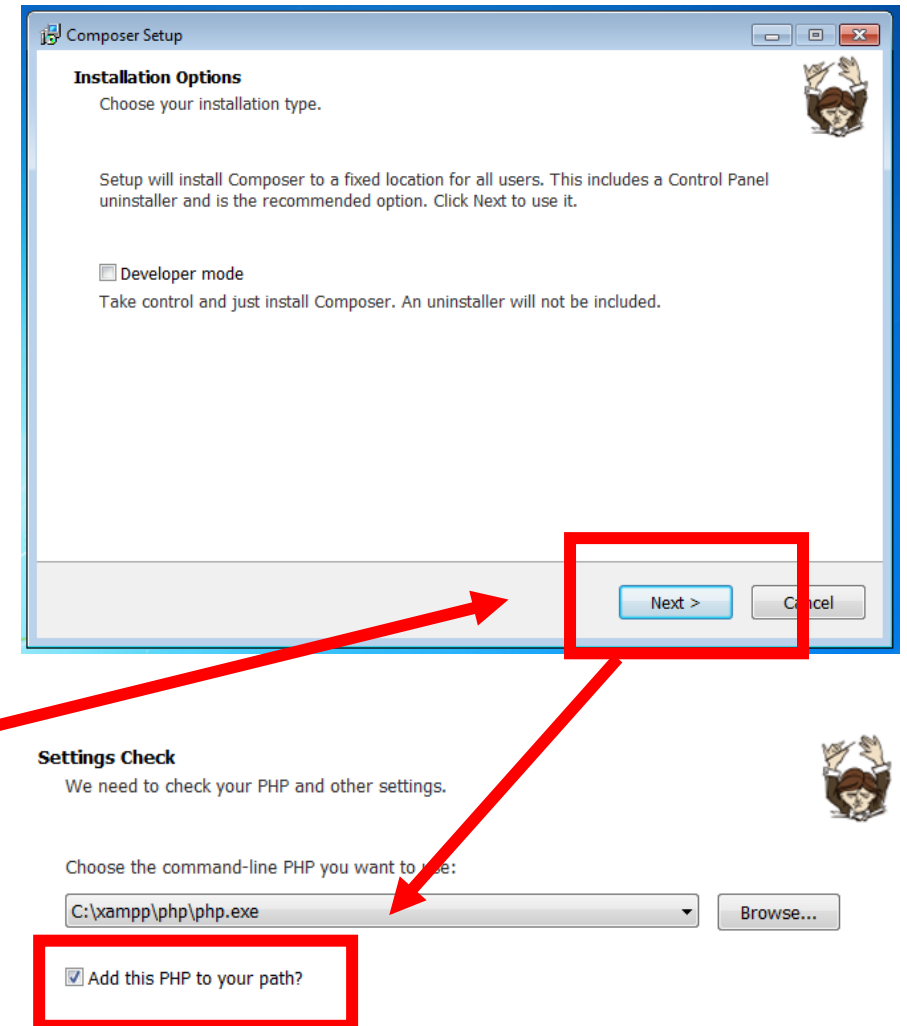
Windows Installer

The installer - which requires that you have PHP already installed - will download Composer f variable so you can simply call `composer` from any directory

Download and run [Composer-Setup.exe](#) - it will install the latest composer version whenever

Command-line installation

To quickly install Composer in the current directory, run the following script in your terminal. To



The screenshot shows the 'Composer Setup' window. A red box highlights the 'Next >' button. A red arrow points from this box to the 'Next >' button in the 'Composer Setup' window. Another red box highlights the 'Add this PHP to your path?' checkbox, with a red arrow pointing to the same checkbox.

Composer Setup

Installation Options

Choose your installation type.

Setup will install Composer to a fixed location for all users. This includes a Control Panel uninstaller and is the recommended option. Click Next to use it.

Developer mode
Take control and just install Composer. An uninstaller will not be included.

Next > Cancel

Settings Check

We need to check your PHP and other settings.

Choose the command-line PHP you want to use:

C:\xampp\php\php.exe Browse...

Add this PHP to your path?

Seterusnya adalah pemasangan Composer, kita akan install dengan hanya menekan butang **Next** dan **tick** pada **Add this PHP to your path?**

Langkah ini boleh diabaikan sekiranya anda telah memindah terima kedua-dua fail pemasangan sWADAH.

Pindah terima fail pemasangan

The screenshot shows the EZpustaka website interface. The browser address bar contains the URL <https://ezpustaka.upsi.edu.my/i/swadah-2/#page-content>. The main heading is "EZpustaka" with navigation links for "START" and "BLOG". The section title is "Download Releases". Below it, a link says "Click [here to view](#) up-to-date releases." To the right, there is a banner for "sWADAH 2021X" with a satellite dish image. Below the banner, text states: "This new version needs at least PHP7.x and fully supported PHP8.x. We are no longer support build that needs PHP5.x (version prior the year 2019)". Underneath, under the heading "New install only:", there are two download buttons: "swadah_2021x_files_install_v2" and "swadah_2021x_database_install_r2".

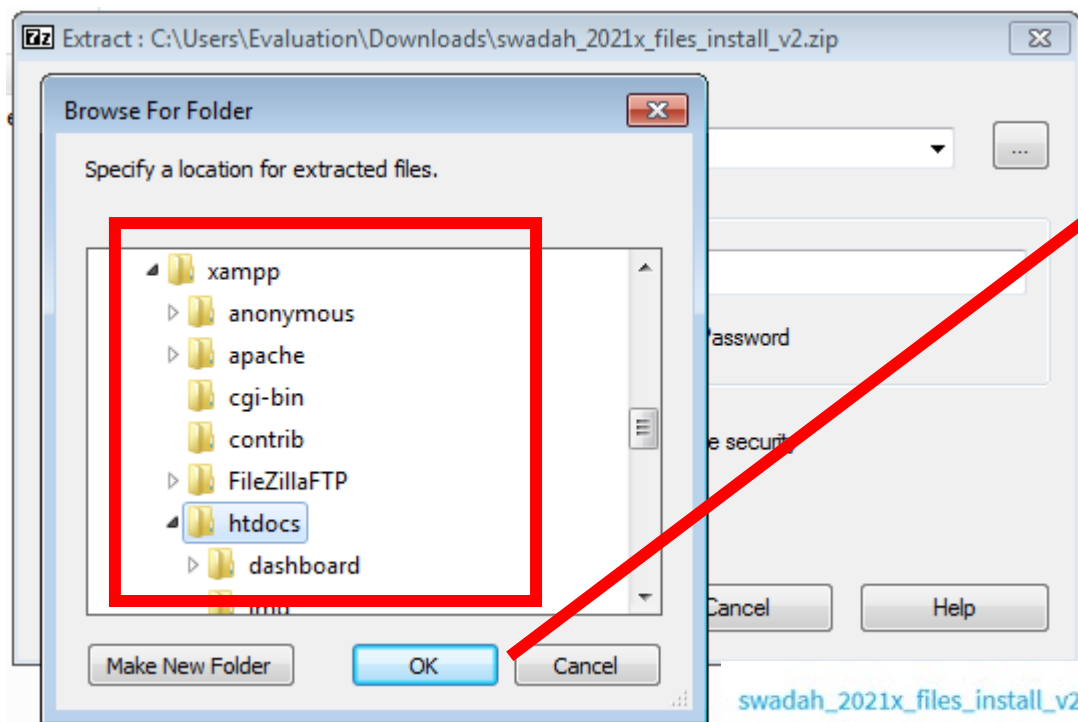
Kita akan memindah dua fail pemasangan sWADAH di <https://ezpustaka.upsi.edu.my>

Langkah di atas telah diringkaskan, pastikan anda berada di laman yang betul.

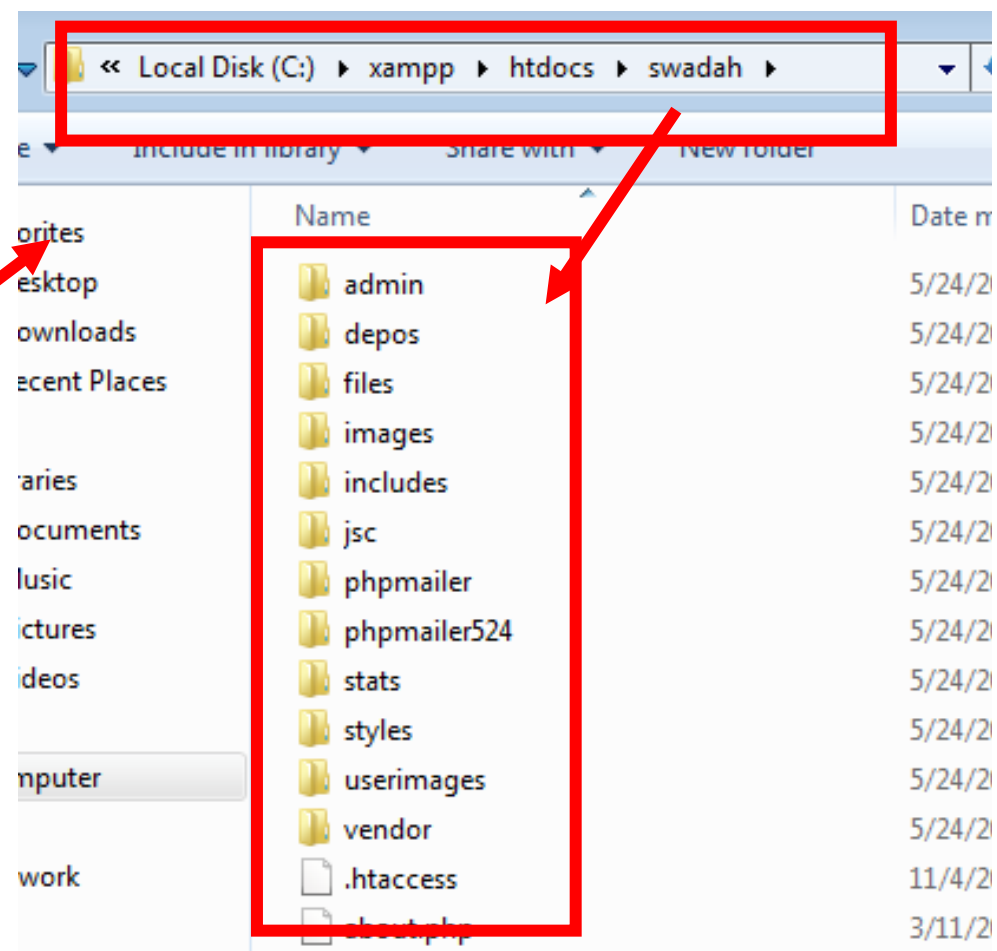
Sehingga ke tahap ini

Anda perlu mengetahui lokasi pemasangan XAMPP anda, jika ikuti langkah asasnya di
C:\xampp

Bagi fail _files_install

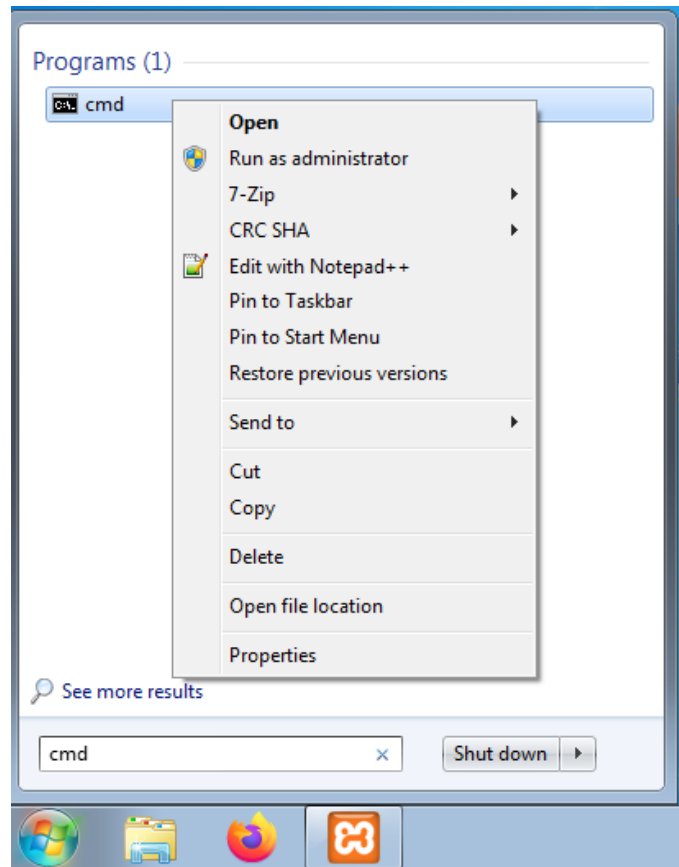


Kita akan extract fail dengan nama _files_install ke lokasi htdocs di dalam folder XAMPP yang telah diinstall tadi. Untuk kes ini di C:\xampp\htdocs



Pastikan kedudukan fail adalah seperti di atas. Ini nanti akan dipanggil menggunakan web browser melalui <http://localhost/swadah>

Mengemaskini komponen dengan Composer



Seterusnya kita akan mengemaskini composer untuk SWADAH. Gunakan cmd dan ikuti langkah yang dimerahkan.

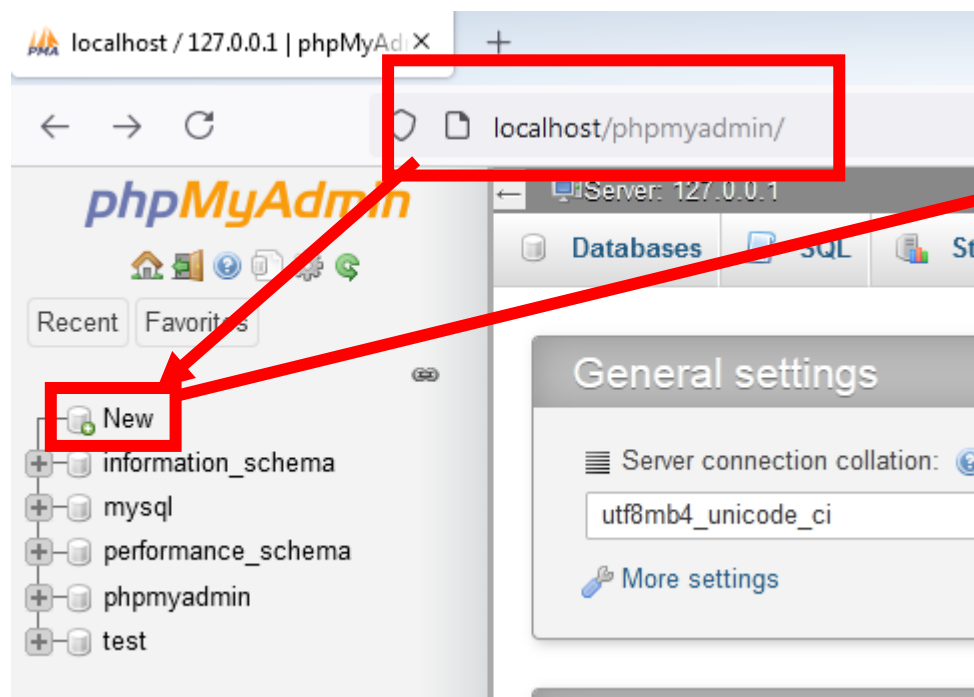
```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd c:\xampp\htdocs\swadah
c:\xampp\htdocs\swadah>composer update
Loading composer repositories with package information
Updating dependencies
Lock file operations: 1 install, 1 update, 1 removal
- Removing tecnickcom/tcpdf (6.3.2)
- Upgrading smalot/pdfparser (v0.14.0 => v1.0.2)
- Locking symfony/polyfill-mbstring (v1.23.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 1 install, 1 update, 1 removal
- Downloading symfony/polyfill-mbstring (v1.23.0)
- Downloading smalot/pdfparser (v1.0.2)
 0/2 [>-----] 0%
 1/2 [=====>-----] 50%
 2/2 [=====] 100%
- Removing tecnickcom/tcpdf (6.3.2)
- Installing symfony/polyfill-mbstring (v1.23.0): Extracting archive
- Upgrading smalot/pdfparser (v0.14.0 => v1.0.2): Extracting archive
 0/3 [>-----] 0%
 2/3 [=====>-----] 66%
 3/3 [=====] 100%
Generating autoload files
1 package you are using is looking for funding.
Use the 'composer fund' command to find out more!

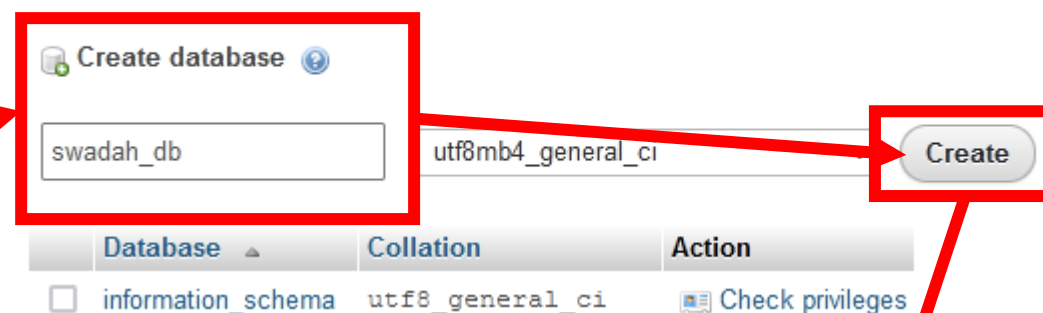
c:\xampp\htdocs\swadah>
```

Kita perlu berada di dalam direktori SWADAH yang telah di-extract tadi. 9

Bagi fail _database_install



Databases



Importing into the database "swadah_db"

File to import:

File may be compressed (gzip, bzip2, zip) or uncompressed.
A compressed file's name must end in `.[format].[compression]`. Example: `.sql.zip`

Browse your computer swadah_2021x_database_install_r2.zip (Max: 40MiB)

You may also drag and drop a file on any page.

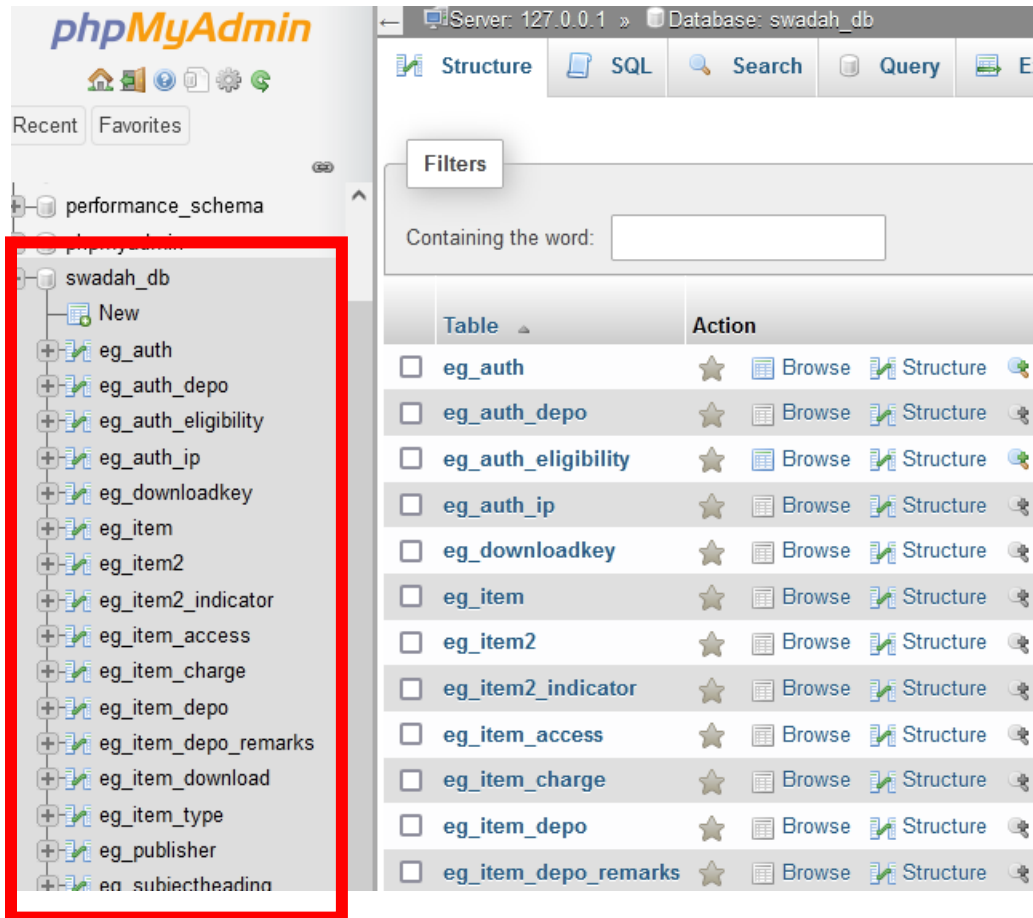
Character set of the file:

Seterusnya kita akan pasang pangkalan data iaitu fail dengan nama `_database_install` tadi. Mara ke <http://localhost/phpmyadmin> pada browser anda. Klik pada new.

Ikuti langkah di atas.

Langkah ini boleh diabaikan kerana ianya untuk memastikan anda memasang pangkalan data swadah_db dengan betul.

Struktur pangkalan data swadah_db



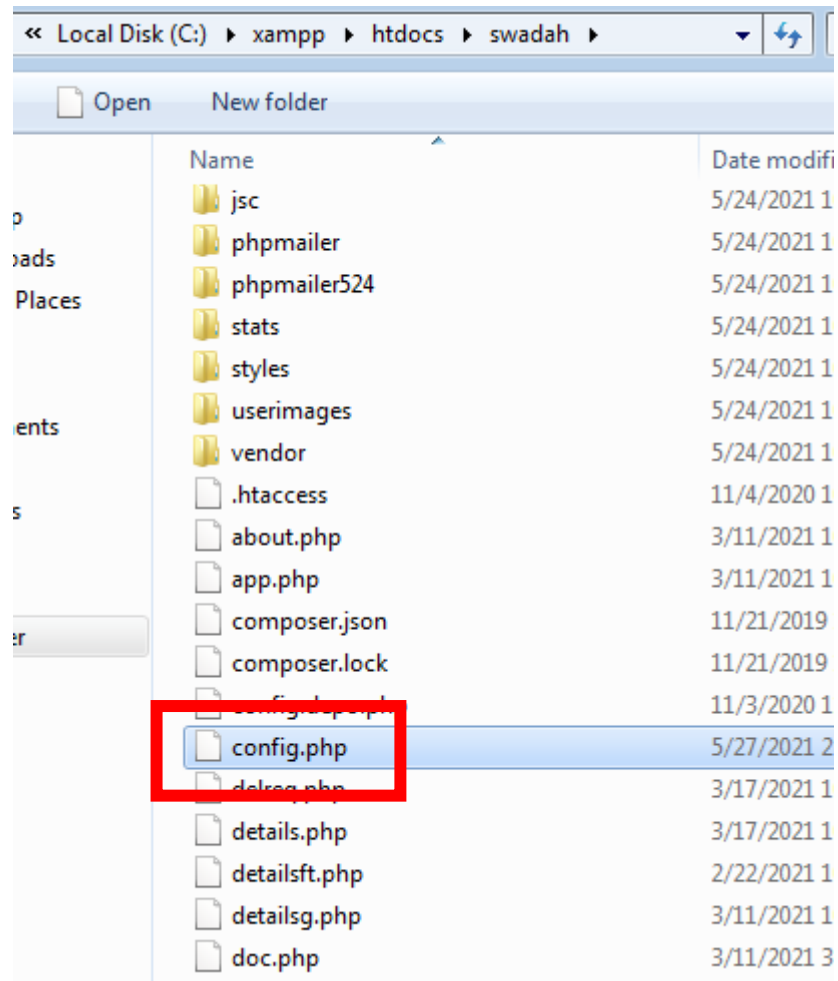
The screenshot displays the phpMyAdmin interface for the 'swadah_db' database. The left sidebar shows a tree view of the database structure, with a red box highlighting the 'swadah_db' folder and its contents. The main area shows a table structure view with columns for 'Table' and 'Action'.

Table	Action
<input type="checkbox"/> eg_auth	★ Browse Structure
<input type="checkbox"/> eg_auth_depo	★ Browse Structure
<input type="checkbox"/> eg_auth_eligibility	★ Browse Structure
<input type="checkbox"/> eg_auth_ip	★ Browse Structure
<input type="checkbox"/> eg_downloadkey	★ Browse Structure
<input type="checkbox"/> eg_item	★ Browse Structure
<input type="checkbox"/> eg_item2	★ Browse Structure
<input type="checkbox"/> eg_item2_indicator	★ Browse Structure
<input type="checkbox"/> eg_item_access	★ Browse Structure
<input type="checkbox"/> eg_item_charge	★ Browse Structure
<input type="checkbox"/> eg_item_depo	★ Browse Structure
<input type="checkbox"/> eg_item_depo_remarks	★ Browse Structure
<input type="checkbox"/> eg_item_download	★ Browse Structure
<input type="checkbox"/> eg_item_type	★ Browse Structure
<input type="checkbox"/> eg_publisher	★ Browse Structure
<input type="checkbox"/> eg_subiectheading	★ Browse Structure

Pemasangan pangkalan data yang lengkap akan seperti di skrin berikut.

Ingat, pangkalan data kita bernama swadah_db

Ubah config.php

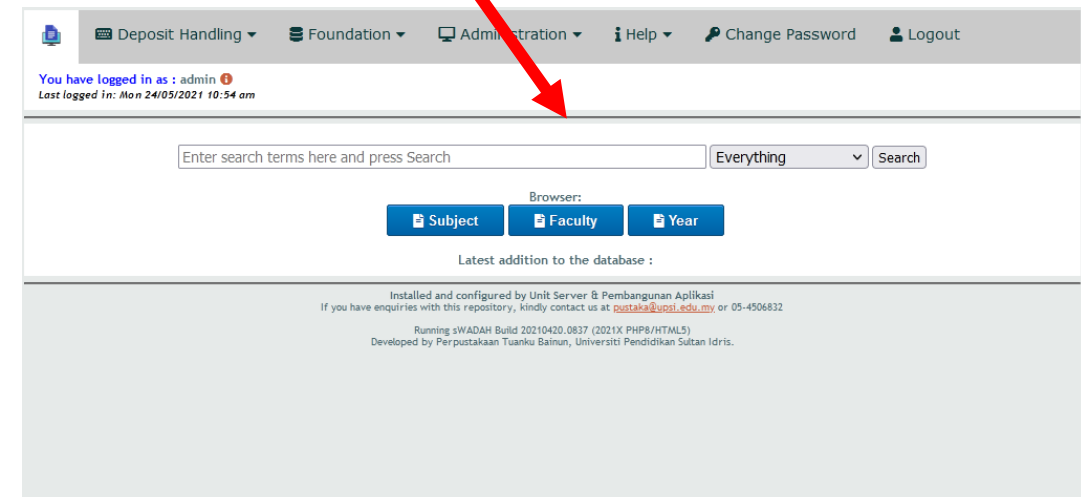
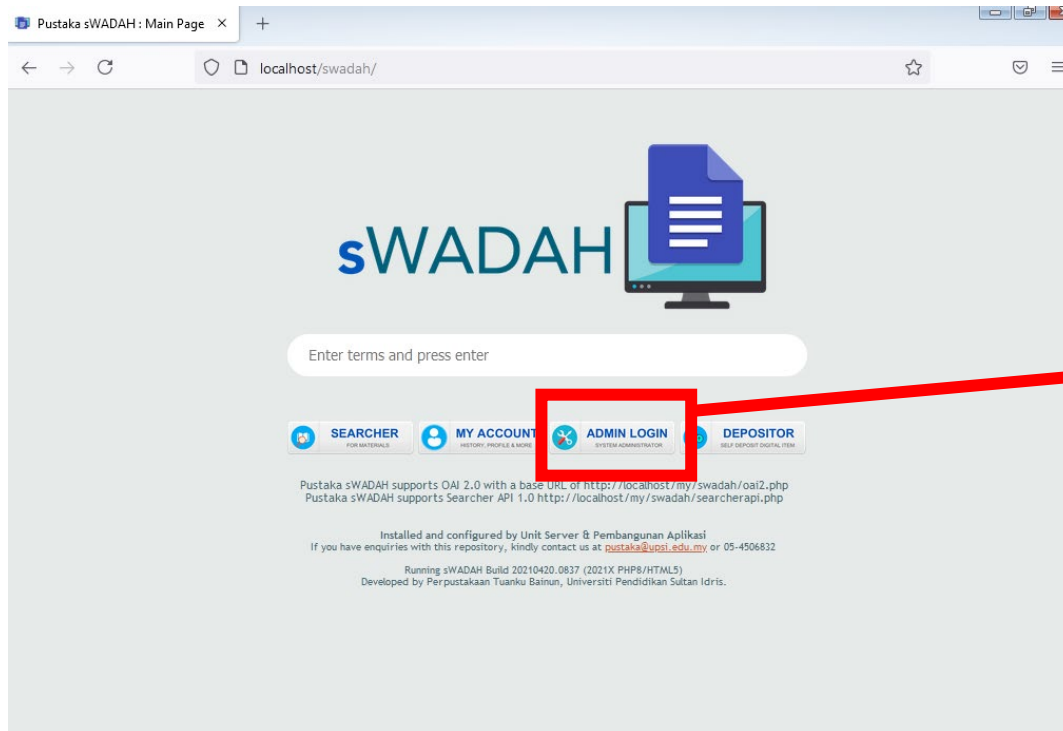


```
config.php
1 <?php
2  /*
3   sWADAH config file build 20210127
4   The following php extension need to be enable in php.ini:
5   bz2,curl,fileinfo,gd or gd2,gettext,intl,mbstring,exif,mysqli,openssl
6   After uncomment the line to enable those above, restart Apache.
7   */
8
9  /*
10  overwrite PHP setting
11  error_reporting(E_ALL & ~E_NOTICE & ~E_DEPRECATED & ~E_STRICT);//dis
12  */
13  ini_set('display_errors', 0);ini_set('display_startup_errors', 0);er
14  ini_set("pcre.backtrack_limit", "10000000");//for PdfToText to proce
15  putenv("TZ=Asia/Kuala_Lumpur");//set time zone
16  date_default_timezone_set('Asia/Kuala_Lumpur');//set time zone
17
18  //database connection properties
19  $dbhost = "localhost";
20  $dbname = "swadah_db";//edit to match your sWADAH database name
21  $dbuser = "root";//insert your database username
22  $dbpass = "";//and the password
23
24  /*
```

Sekarang kita mara ke c:\xampp\htdocs\swadah dan kita akan edit fail config.php

\$dbname perlu merujuk kepada nama pangkalan data buat tadi, namanya adalah swadah_db, \$dbuser adalah root dan \$dbpass biarkan kosong (ini akan timbul soal keselamatan, anda disaran mendapatkan khidmat pakar untuk membuat akaun pengguna khas untuk pangkalan data swadah_db ini dan membuat password untuknya.

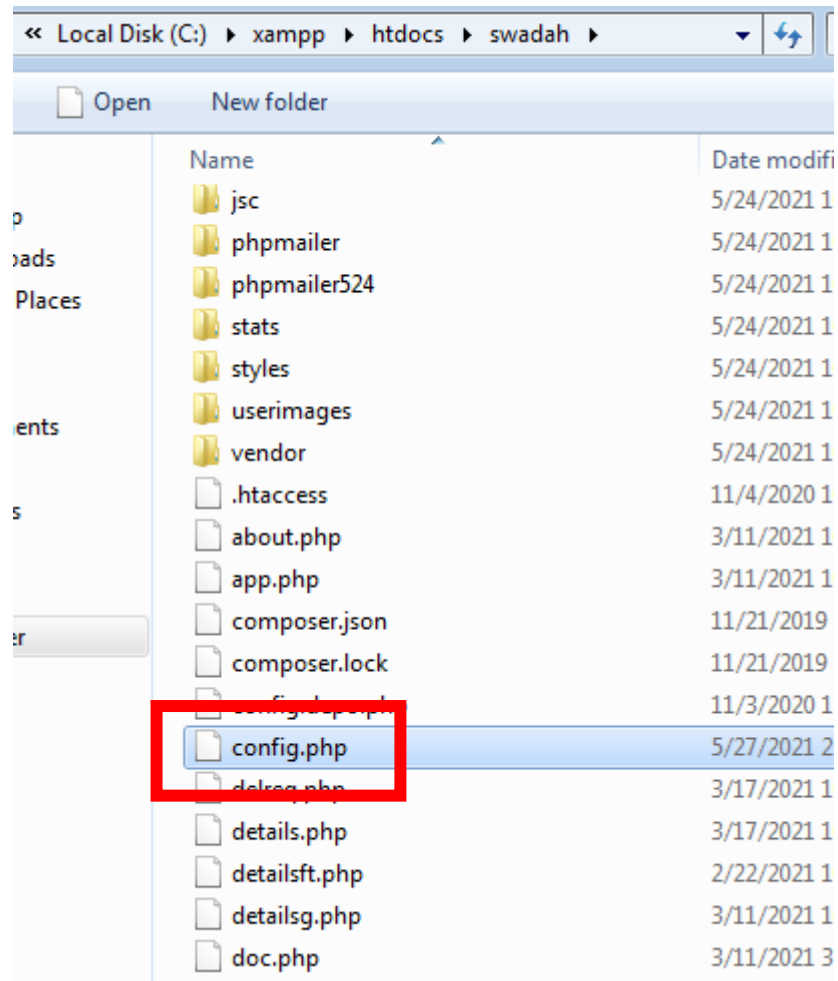
Layari <http://localhost/swadah/>



Untuk menguji pemasangan kita setakat ini, mara ke <http://localhost/swadah/>, klik pada Admin Login dan masukkan admin name = admin dan password = pustaka.

Anda akan dipaparkan dengan skrin utama sekiranya log masuk berjaya.

Pengubahsuaian config.php



Fail config.php perlulah dikonfigurasi dengan baik sebelum menggunakan SWADAH pada persekitaran sebenar.

Anda disaran membaca penerangan setiap satu baris pembolehubah pada fail config.php ini untuk mengetahui maksud pelaksanaan dan tujuan setiap baris.

Tahniah !

Anda telah berjaya membuat pemasangan asas sWADAH.