

Windows[®]

New Installation Only

Installing sWADAH

On Windows 10/11



Requirement

A computer installed with
XAMPP x64 8.0 or above,
Composer 2.3 or above,
Notepad++







Install XAMPP

- Download at <u>https://www.apachefriends.org/</u>
- Make sure version 8.0 and above only
- Follow on screen instructions (see next slide)





Untick Do you want to start the Control Panel now ? and click Finish.

NEXT PAGE

Start Menu > XAMPP > XAMPP Control Panel Right Click > More > Run as administrator

分 Pin to Start

More 🗊 Uninstall 分 Pin to taskbar

Run as administrator

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Open file location

XAMPP Control Panel

XAMPP htdocs folder

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Xbox

Xbox Game Bar

Pustaka Swadah

Make sure both are tick





_		\times	Configuration of Control Pan	nel — 🗆 X	
	<i>b</i> 0	onfig	Editor: notepad.exe		
	(etstat	Browser (empty = system default)		
Logs		Shell	Autostart of modules Autostart of modules Apache MySQL Mercury Autostart	Tomcat	
Click Config a	it top right o	corner.	Control Panel. Start Control Panel Minimized Enable Tomcat output window Check default ports on startup Show debug information Change Language	Service and Port Settings	
			User Defined Files	Log Options	
			-	X Abort Save	

Tick both Apache and MySQL and click Save.

Before we start our services.

- Go to C:/xampp/php
- Open file named php.ini
- Go to line 931
- Remove the ; in front of extension=gd
- Save the file.

님 php.ini	×
920	extension=bz2
921	-
922	; The ldap extension must be
923	; otherwise it results in s
924	; See https://github.com/phj
925	;extension=ldap
926	
927	extension=curl
928	;extension=ffi
929	;extension=ftp
930	extension=fileinfo
931	;extension=gd
932	extension=gettext

님 php.ini	×
923	; otherwise it results i
924	; See https://github.com
925	;extension=ldap
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927	extension=curl
928	;extension=ffi
929	;extension=ftp
930	<u>extension=fil</u> einfo
931	extension=gd
932	extension=gettext
933	;extension=gmp
934	;extension=intl

> This PC > Local Disk (C:) > xampp > php >	`
Name	Date modified
🐁 phar.phar	15/3/2023 7:52 AM
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Type: Configuration settings	15/3/2023 7:52 AN
Date modified: 14/7/2023 8:20 AM php.ini-production	15/3/2023 7:52 AN

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×	Tomcat			Start	Admin	Config	Logs		luit
8:25:25 AI 8:25:25 AI 8:25:25 AI 8:25:25 AI 8:28:10 AI 8:28:15 AI 8:29:07 AI 8:29:10 AI	M [main] M [main] M [main] M [Apache] M [Apache] M [Mysql] M [mysql]	All prerequis Initializing M Starting Che Control Pane Installing ser Successful! Installing ser Successful!	ites found odules ck-Timer el Ready vice vice						

Finally, click Start on both Apache and MySQL.

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021] E XAMPP Control Panel v3.3.0 Modules Service Module PID(s) Port(s) Actions 7516 Apache 80, 443 Stop MySQL 8776 \checkmark 3306 Stop × FileZilla Start Mercury Start X Tomcat Start 8:28:10 AM [Apache] Installing service... 8:28:15 AM [Apache] Successful! 8:29:07 AM [mysql] Installing service... 8:29:10 AM [mysql] Successful! 8:38:01 AM [Apache] Attempting to start Apache service... 8:38:12 AM [Apache] Status change detected: running 8:38:13 AM [mysql] Attempting to start MySQL service... 8:38:14 AM [mysql] Status change detected: running

Done !

To test if our XAMPP installation is successful, open a browser and type http://localhost/

Welcome to XAMPP x + - □ × ← ○ 1 localhost/dashboard/ A Q ☆ □ ♀ ⊕ ⊗ ● … ↓ Apache Friends MENU ≡ MENU ≡

Welcome to XAMPP for Windows 8.1.17

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.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others.

Start the XAMPP Control Panel to check the server status.

Install Composer Download Composer-Setup.exe at <u>https://getcomposer.org/</u>



Install Notepad++

- Download at <u>https://notepad-plus-plus.org/downloads/</u>
- Follow on screen instructions.
- Installation is straight forward.
- Just hit NEXT button and FINISH till the end.



Download required files to install sWADAH

wadah_2022Y_LTS_database_install.sql.zip

wadah_2022Y_LTS_files_install.zip

We will begin by installing database.

It's easy



- The file required is
 swadah_2022Y_LTS_database_install.sql.zip
- We will be using PHPMYADMIN.
- Open your browser and type http://localhost/phpmyadmin

$\leftrightarrow \rightarrow C$ ()	localhost/phpmyadmi A 이 이 않는 다		₩	(
Comparison of the second secon	Server: 127.0.0.1 Databases SQL SQL Status User accounts General settings Server connection collation: utf8mb4_unicode_ci More settings Appearance settings	Export Impo Database • Server: 12: • Server type • Server con • • • Protocol ve • • Server col	Prime Settings SETVEF 7.0.0.1 via TCP/IP a: MariaDB nection: SSL is not I sion: 10.4.28-MariaE g binary distribution arsion: 10 glocalhost rset: UTF-8 Unicodd	▼ More being used DB - e (utf8mb4)
	English Theme pmahomme View all	Web serv • Apache/2.4 PHP/8.1.17 • Database of 8.1.17 • PHP exten • PHP version • PHP version	EF 4.56 (Win64) OpenS 7 Llient version: libmys sion: mysqli @ cur on: 8.1.17	SL/1.1.1t sql - mysqlnd I 🛞 mbstring

In the **Databases** tab, we will create **swadah_db** database. Click **Create** afterward.

– 📑 Server: local	ost							N	
Databases	SQL (🚹 Status	User accounts	🖶 Export	📕 Import	🤌 Settings	Replication	Variables	~
Databas	eS abase 😡 –								
swadah_db		utf8mb4	L_general_ci	~	Create				
Check all	Drop					-	Search		

Then, click on the Import Tab

Structure [SQL 🔍 Search 🗊 Query 🚍 Export	🖬 Import 🥜	Operations	Privileges	Routines	▼ More
Importing into the database "swadah	1. Ma	ake sure it is	'Importing into	o the database	e "swadah_db
File to import: File may be compressed (gzip, bzip2, zip) or uncompressed. A compressed file's name must end in .[format].[compression]. Exam	nple: .sql.zip				
Upload a file Select file to import Browse your computer: (Max: 250MiB) Choose File swadab 2022Y, LTS, database, install sal zip	2. Choose file : You will nee	swadah_202 ed to know t	22Y_LTS_datab he location of t	ase_install.sql the file in your	.zip PC.
You may also drag and drop a file on any page. Character set of the file:					
utf-8					~

It will become like this:

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Congratulations! You have install sWADAH database.

Now will be installing

sWADAH file system

swadah_2022Y_LTS_files_install.zip

Moving sWADAH into place STEP 1: Extract the installation file



Moving sWADAH into place <u>STEP 2:</u> Move the extracted file to C:/xampp/htdocs



Moving sWADAH into place STEP 3: Rename the folder in destination to only swadah



STEP 4:

Go into the swadah folder and make sure the hierarchy are like this \rightarrow

≪ Local Disk (C:) → x	ampp > htdocs > swada	h> √	C Search swada
Name	^	Date modified	Туре
🚞 sw_admin		14/7/2023 9:11 AM	File folder
sw_brows		14/7/2023 9:11 AM	File folder
📒 sw_depos		14/7/2023 9:11 AM	File folder
📁 sw_images		14/7/2023 9:11 AM	File folder
sw_includes		14/7/2023 9:11 AM	File folder
🚞 sw_javascript		14/7/2023 9:11 AM	File folder
🚞 sw_stats		14/7/2023 9:12 AM	File folder
📁 sw_styles		14/7/2023 9:12 AM	File folder
🚞 sw_tools		14/7/2023 9:12 AM	File folder
🚞 vendor		14/7/2023 9:12 AM	File folder
htaccess .		14/7/2023 9:08 AM	HTACCESS File

Moving sWADAH into place STEP 5: Copy config.default.php and rename it to config.user.php



 Local Disk (C:) → xam 	npp > htdocs > swadał	י × ו
Name	^	Date modified
config.default.php		14/7/2023 9:08 AM
config.user.php		14/7/2023 9:08 AM

Moving sWADAH into place STEP 6: Set database connection in config.user.php and save it.

🔚 config.user.php 🗵	
13 14 Extra note: You might want to copy value you 15 so that you don't have to revalue config.php 16 -*/	a want to change and put peverytime there is new
<pre>17 18 //set time zone for this sWADAH installation 19 putenv("TZ=Asia/Kuala_Lumpur");//set time zo 20 date_default_timezone_set('Asia/Kuala_Lumpur 21</pre>	n one reference: <u>https://e</u> c');//set php time zone
<pre>21 22 //database connection properties 23 Sdbhost = "localhost"://set the ip or host f 24 \$dbname = "swadahdb";//database rame to acc</pre>	Configuer.php X
<pre>25 \$dbuser = "swadahuser";//username to access 26 \$dbpass = "swadahpassword";//password the u 27 Old value</pre>	13 14 Extra note: You might want to copy value you want to change and put it 15 so that you don't have to revalue config.php everytime there is new but 16 +*/
	17 18 //set time zone for this sWADAH installation 19 putenv("TZ=Asia/Kuala_Lumpur");//set time zone reference: <u>https://en.w</u> 20 date default timezone_set('Asia/Kuala_Lumpur');//set php_time_zone_ref.
ase Google on how to change them.	<pre>20 date_default_timezone_set("Asia/Ruala_Lumpur");//set php time zone refo 21 22 //database connection properties 23 Sdbhost = "localhost"://set the ip or host for mariadb/mysql database 24 Sdbhost = "guadah_dh"://database name to access</pre>
	<pre>24 stablame = swadah_db*;//database hame to access 25 \$dbuser = "root";//username to access the database 26 \$dbpass = "";//password the username above 27 Now value 24</pre>

Moving sWADAH into place

STEP 7: We are going to test our sWADAH on browser. Navigate to http://localhost/swadah



If you have entered wrong input for database connection, it will prompt out error in connection.

Next: Updating components with composer We will be using Command Prompt.

• Mara ke C:\xampp\htdocs\swadah

Administrator: Command Prompt Microsoft Windows [Version 10.0.22621.1702] (c) Microsoft Corporation. All rights reserved.

- C:\Windows\System32>cd C:\xampp\htdocs\swadah
- C:\xampp\htdocs\swadah>
- Taipkan composer update dan tekan Enter

Output:

C:\xampp\htdocs\swadah>composer update Loading composer repositories with package information Info from https://repo.packagist.org: <mark>#StandWith</mark>Ukraine Updating dependencies Lock file operations: 0 installs, 3 updates, 0 removals - Upgrading phpmailer/phpmailer (v6.6.0 => v6.8.0) - Upgrading smalot/pdfparser (v2.2.1 => v2.5.0) - Upgrading symfony/polyfill-mbstring (v1.25.0 => v1.27.0) Writing lock file Installing dependencies from lock file (including require-dev) Package operations: 0 installs, 3 updates, 0 removals - Downloading phpmailer/phpmailer (v6.8.0) - Downloading symfony/polyfill-mbstring (v1.27.0) - Downloading smalot/pdfparser (v2.5.0) - Upgrading phpmailer/phpmailer (v6.6.0 => v6.8.0): Extracting archive - Upgrading symfony/polyfill-mbstring (v1.25.0 => v1.27.0): Extracting archive - Upgrading smalot/pdfparser (v2.2.1 => v2.5.0): Extracting archive Generating autoload files packages you are using are looking for funding. Use the `composer fund` command to find out more! No security vulnerability advisories found C:\xampp\htdocs\swadah>_

Congratulation you have installed sWADAH.

Next we will be configuring config.user.php for first time use.

• To log in, navigate to http://localhost/swadah/in.php



First time login credential:

Admin name: admin Password: pustaka

• After logging in, you'll be greet with this page:

С ▲ Not secure | 10.110.1.68/swadah/index2.php \triangleright Д < Please change AES KEY. All functions will not be available until you change this value. Follow instruction in config.default.php. Please keep this page running. After changing, refresh this page.

IMPORTANT: Without leaving this page, edit \$password_aes_key in the config.user.php file to
something random. This is set only once and please do not change this again in the future. Save it, and
refresh the page above.

NOTES: Even though the instruction above stated changing value for config.default.php, but as we have already made a copy of it, renamed to config.user.php, we will be using that instead.

• After refresh the page, you'll need to change the default password for admin.

۵	Change Password	Logout						
Please input your new password alongside with it confirmation :								
		New Password: New Password (Again):						
		Update						
	Installed and configured by sWADAH Support Unit If you have enquiries with this repository, kindly contact us at <u>contactus@gmail.com</u> or 01-2345678							
		Change Password						
		You will need to change your password before using this system.						
		Οκ						

• After changing your password, please login again (http://localhost/swadah/in.php) and you will be presented with this page:

۵ Þ	C		▲ Not secure 10.1	10.1.68/swadah/index2.php		ন্দ 🛛 🦁 🔺	New	IP	*	ß	Ξ
¢	📟 Deposi	t Handling 🔻	Foundation 🔻	☐ Administration ▼	i Help 🔻	Change Password	💄 Logout				
You have logged in as : admin () Last logged in: Tue 21/06/2022 10:20 am Current Session ID: 2d1mbo4iaoabg860spmuhhinjj											
Running sWADAH Build 20220615.1300 (2022Y LTS) Developed by Perpustakaan Tuanku Bainun, Universiti Pendidikan Sultan Idris.											
		Enter search terms here and press Search			Everything	Search					
Browse by: <u>Subject</u> <u>Faculty</u> <u>Year</u> Latest addition to the database :											
			If you t	Installed and configured by starter enquiries with this repository, kindly conta	WADAH Support Unit	com pr 01 2245470					

Congratulation you have done it!

Finally, you may change values inside config.user.php and configure sWADAH according to your own needs.