

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

2

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Xbox

Xbox Game Bar

Pustaka Swadah

Make sure both are tick





_		\times	Configuration of Control Pan	nel — 🗆 X	
	80	Config	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		
			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 se
924	; See https://github.com/phy
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
926	
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 AN					
harcommand.phar	15/3/2023 7:52 AN					
PPP php	15/3/2023 7:52 AN					
δ pγp	14/7/2023 8:20 AN					
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					

3	XAN	IPP Contro	ol Panel v3	.3.0				Jer Config
Modules Service	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
8:25:25 A 8:25:25 A 8:25:25 A 8:28:10 A 8:28:15 A 8:29:07 A	M [main] M [main] M [main] M [main] M [Apache] M [Apache] M [mysql]		Modules eck-Timer nel Ready ervice ! ervice					

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

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$\leftarrow \rightarrow G$ (i)	localhost/phpmyadmi A 🔍 🏠 🚺	€= @ %	• …	2
PhpMyAdmin A A A A A A A A A A A A A A A A A A A	Server: 127.0.0.1 Databases SQL SQL User accounts General settings Server connection collation: utBmb4_unicode_ci More settings Appearance settings Clanguage	Export Maria Import Database server Server 127.0.0.1 via Server type: MariaD Server connection: S W Server version: 10.4 mariadb.org binary of Protocol version: 10 User: root@localhos Server charset: UTF	a TCP/IP B SSL is not being use .28-MariaDB - listribution	ed
	English v Monthead Theme pmahomme v View all	Web server • Apache/2.4.56 (Wint PHP/8.1.17 • Database client vers 8.1.17 • PHP extension: mys • • • PHP version: 8.1.17	ion: libmysql - mysc	qind

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

– 📑 Server local						4			5
Databases	SQL	🐁 Status	User accounts	🖶 Export	🖶 Import	🥜 Settings	Replication	Variables	~
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Databas	00								
						_			
🕞 Create data	abase 😡								
		_							
swadah_db		utf8mb4	_general_ci	× (Create				
		2				_	Search		
Check all	📑 Drop						Search	1	

Then, click on the Import Tab

Structure [SQL 🔍 Search 🗐 Query 🚍 Export	ort 🖬 Import 🤌 Operations 📧 Privileges 🖓 Routines 🔻 More
Importing into the database "swadah	h_db" 1. Make sure it is 'Importing into the database "swadah_d
File to import: File may be compressed (gzip, bzip2, zip) or uncompressed. A compressed file's name must end in .[format].[compression]. Exam	ample: .sql.zip
Upload a file Select file to import Browse your computer: (Max: 250MiB) Choose File swadah 2022Y LTS database install.sgl.zip	2. Choose file swadah_2022Y_LTS_database_install.sql.zip You will need to know the location of the file in your PC.
Choose File swadah_2022Y_LTS_database_install.sql.zip You may also drag and drop a file on any page. Character set of the file:	
utf-8	~

It will become like this:

phpMyAdmin		←	;] (
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Recent Favorites			
69		FI	lter
E- performance_schema	•		
🖃 🗊 swadah_db		Co	onta
⊕-₩ eg_auth	d		
€-₩ eg_auth_depo			Та
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€ Meg_forgotpassword_depo			eç
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€-1⁄2 eg_item2			eç
€-M eg_item2_indicator			eç
⊕-₩ eg_item_access		_	
€ Meg_item_charge			eç
€ Meg_item_depo			eç
eg_item_depo_remarks			~
⊕ → eg_item_download		U	eç
eg_item_feedback			eç
• g_item_type			eç
eg_publisher		_	
eg_stat_year			eç
eg_subjectheading			eç
eg_userlog			
⊕ eg_userlog_det			eç

← 🗊 Server: localhost » 🍵 Database: swadah_db										
	Structure 🔄 SQL 🔍	Se	arch 🗊	Query 🔜	Export	Import	🥜 Oper	rations	🔍 Pr	rivileges
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	eg_forgotpassword_depo	*	Browse	M Structure	👒 Search	👫 Insert	🚍 Empty	🔵 Drop	0	InnoD
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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 STEP 2: 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:) → xa	ampp > htdocs > swadał	ı> \	C	Search swada
Name	^	Date modified	Тур	e
📒 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	HT	ACCESS File

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



Cocal Disk (C:) > xampp > htdocs > swa	idah > 🕓
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.

<pre>13 14 15 15 16 17 17 18 1//set time zone for this sWADAH installation 19 19 19 20 21 22 24 24 25 26 26 26 26 26 27 20 20 21 22 24 25 26 26 27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</pre>
25 \$dbuser = "swadahuser";//username to access 13 26 \$dbpass = "swadahpassword";//password the u 14 27 Extra note: You might want to copy value you want to change and put 15 so that you don't have to revalue config.php everytime there is new
17181818191819191910101112131415181718171818181819
ote of caution: Using root and empty 19 putenv("TZ=Asia/Kuala_Lumpur");//set time zone reference: <a database<br="" for="" host="" href="https://data_data_data_data_data_data_data_dat</th></tr><tr><th>ease Google on how to change them.
23
24
24
25
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27
Sdbhost = " ip="" localhost":="" mariadb="" mysql="" or="" set="" the="">\$dbname = "swadah db";//database name to access \$dbuser = "root";//username to access the database \$dbpass = "";//password the username above New value 24 24 25 26 27 New value

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 0 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		A Not secure 10.11	0.1.68/swadah/index2.php		ন 🛛 🦁 🛆	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	n terms here and press Se	earch		Everything	Search						
Browse by: <u>Subject</u> <u>Faculty</u> <u>Year</u> Latest addition to the database :													
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													

Congratulation you have done it!

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