# **OPENEVSYS**

# **INSTALLATION MANUAL**

Published: 2013-10-31 License: None for the manual.

OpenEvSys is free software: you can redistribute it and/or modify it under the terms of the GNU Affero General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

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# PLEASE NOTE

This manual is intended to provide technical advice to organisations and individuals who want to install and host OpenEvSys on their own computers or servers.

If you want to find out more about the events documentation system and the various functions of the OpenEvSys, the OpenEvSys user's manual will help you on the way.

# INTRODUCTION

The OpenEvSys database tool was developed for <u>Human Rights Information and Documentation Systems</u>, <u>International (HURIDOCS</u>) by <u>Respere</u> in the years 2008-2009. This database tool builds on HURIDOCS's earlier database systems, which have been used by human rights organisations around the world for over 20 years.

OpenEvSys is a database for the management and documentation of human rights violations. Any human rights organisation can download and use it for free on its own computers, or contact HURIDOCS for secure online hosting.

OpenEvSys stands for Open Events System. It is built upon the Events methodology for recording violations, and the "who did what to whom" data model. An event can best be understood as a basket, containing information on violations, victims, perpetrators, sources and interventions. It can also be called "incident" or "case".

# About OpenEvSys

OpenEvSys allows you to do the following tasks:

- Record, browse and retrieve information on events, victims and perpetrators.
- Analyse your data, produce reports and graphs, and thereby detect trends and patterns of abuse on basis of the cases that you recorded.
- Manage and track your interventions, such as medical aid, legal assistance, etc.
- Secure digital storage of related documents: testimonies, affidavits, audio-visual files.

OpenEvSys has many features, including:

- Built upon standards developed by international experts: the HURIDOCS Events Standard Formats and 48 Micro-thesauri
- Easy-to-customise formats, fields and terms, so that you can adapt the system to your own needs
- Easy browsing of your data: events, persons, violations, documents. Can handle hundreds of thousands of events, persons and violations.
- Powerful multi-entity advanced search, to identify patterns and trends in your data
- Multi-lingual translated into English, French, Spanish, Arabic, Bahasa Indonesia, Khmer, Turkish other languages are on the way.
- Customisable user roles and permissions
- Free and Open Source software you can freely use and modify OpenEvSys, there are neither licenses nor vendor lock-in.

## Technology and hosting

OpenEvSys is built as a <u>PHP</u> / <u>MySQL</u> web application. This offers many ways of hosting it: on a standalone computer, on your server and LAN, or on your web server, so that you can share information on violations in a secure and standardised way over the Internet if needed.

HURIDOCS can also provide hosting and support, which includes

- Hosting on our server based in Switzerland
- SSL encryption with security certificate (https://)
- Daily offline backup of your data to protect against loss
- In case of technical problems, technical support by an expert developer usually within 24 hours
- Automatic installation of upgrades and bug-fixes

For more details see <a href="http://www.huridocs.org/openevsys-hosting/">http://www.huridocs.org/openevsys-hosting/</a>

#### Status:

The software is stable, mature and ready for use. The most recent release (August 2013) is Version 2.1.

#### Who is OpenEvSys for?

OpenEvSys is designed for use by organisations who need a software tool to manage information on violations. These include international and national non-governmental organisations, advocacy networks and national human rights institutions. Typically, these organisations or networks have the following characteristics:

- They have a team of information workers.
- They require staff across various departments, different organisations or geographical locations to have direct access to information about violations.
- They are beginning to incorporate Internet-based tools into their public information and advocacy work.

#### Who uses OpenEvSys?

OpenEvSys has been successfully deployed and used by NGOs and NHRIs in among others Cambodia, Indonesia, the Philippines, Turkey and Zimbabwe. Some groups monitor specific types of human rights violations while others have a more general focus. We cannot identify the users further, for reasons of confidentiality.

# **1. INSTALLATION IN GENERAL**

This page gives some general guidance on how to install OpenEvSys.

# **1.1 Requirements**

Because OpenEvSys runs through your web browser, it will run on almost any computer that supports a JavaScript-enabled web browser. In addition, OpenEvSys will work on the Microsoft Windows Vista, Windows 7 and Windows 8 operating systems, on a Mac or on a Linux operating system.

The installation of OpenEvSys on your local computer requires some technical skills. You will be working with some concepts, such as webservers, that you are maybe not familiar with. Getting OpenEvSys running safely and securely in an organisational context, over the Internet or a Local Area Network will certainly require the support of a skilled IT person, such as a webmaster or a server technician.

To use OpenEvSys, you will need to install the most recent versions of the following software on your computer:

- PHP 5: the programming language that OpenEvSys is written in.
- MySQL 5: the software that actually stores data for OpenEvSys

o Your MySQL will need innoDB support enabled by default (on some webhosts, it is not enabled, so check your my.cnf)

o Gettext support will speed up localisation features o Enabling ADOdb support will speed up the application

• Apache: a webserver which enables you to use OpenEvSys in your Internet browser.

You will also need these tools installed on your computer:

- A JavaScript and cookie-enabled browser such as <u>Mozilla Firefox 19</u> (or later) or <u>Microsoft</u> Internet Explorer 10 (or later)
- An archiving tool, such as <u>WinZip</u>, <u>WinRar</u> or <u>7-Zip</u>

# **1.2 Installation Steps (Local)**

## Download OpenEvSys application

The OpenEvSys application can be downloaded from GitHub: <u>Download OpenEvSys</u>

The file you will download is an archive containing all the files that the OpenEvSys application needs to work.

- For Microsoft Windows XP or Vista, choose the archive ending with .zip
- For UNIX systems, choose the archive ending with .tar.gz
- For Ubuntu or Debian Linux, choose the archive ending with .deb

All commits (modifications in the source code) are listed on <a href="https://github.com/huridocs/OpenEvSys/commits/master">https://github.com/huridocs/OpenEvSys/commits/master</a>

All OpenEvSys download files are all digitally signed with an MD5 sum, which is a unique number for that particular file. You can use this number to verify the file you have on your computer has not been tampered with during download. To learn how to do this, visit <u>this webpage</u>.

## Install supporting technologies

To run OpenEvSys, you will first need to install a local "webhost stack" on your computer. This installs PHP5, MySQL 5 and Apache for you, and allows your computer to behave like a web server.

If you are using Windows Vista or 7 you can do this easily using one of the below:

• XAMPP Apache 1.8.2:

- Download XAMPP directly from ApacheFriends: <u>http://www.apachefriends.org/en/xampp-windows.html</u>
- Download size is about 102 Mb
- The installation instructions for XAMPP are at <u>http://www.apachefriends.org/en/xampp-windows.html#522</u>
- WAMPserver 2.2
  - Download WAMPServer directly from wampserver.com: <u>http://www.wampserver.com/en/#download-wrapper</u>
  - Download size is about 34 Mb
  - The installation instructions for WampServer are at the bottom of <a href="http://www.wampserver.com/en/">http://www.wampserver.com/en/</a>

#### If you are using an Apple Mac:

- MAMP
  - o Download MAMP from <a href="http://www.mamp.info/en/downloads/">http://www.mamp.info/en/downloads/</a>
  - Download size is 146 Mb
  - The installation instructions for MAMP are at http://documentation.mamp.info/en/mamp/installation

If you are using Linux, use the LAMP version of XAMPP or your local package manager to install the necessary components.

#### Extract the application

Once you have the proper software installed and running, download OpenEvSys and extract the folder into your web hosts' document root:

#### c:/wamp/www c:/xampp/htdocs

For security reasons, you should only expose the "www" folder within the OpenEvSys package, but if you are simply running this locally, this should not be a major concern.

#### Grant directory permissions

You will need to make sure that the following folders have write access by granting the relevant permissions (read more on this here if you are using Windows: <u>http://windows.microsoft.com/en-us/Windows7/What-are-permissions</u> or here if you use Linux: <u>http://www.tuxfiles.org/linuxhelp/filepermissions.html</u>):

- APPROOT/media This is where the uploaded documents will get saved
- APPROOT/conf The web installer needs write access to this directory to create the configuration file.
- APPROOT/res/locale You need to give permission to this directory if you are using the application features to translate and manage languages

## Run the Web installer

Access the www directory through your browser (often "localhost/openevsys/www" but this is dependent on the directory structure you have created).

You will be prompted to fill out information about database, admin and system identification settings. Give the installer the information to access your database (the Host will likely be "localhost" and the username and password will be what you set it up as when you installed MySQL). In addition, create a password for the administrative account.

Try to create a safe, hard-to-crack password to protect your information (for more information on password

security, visit <u>http://security.ngoinabox.org/chapter 3 1</u>). The system identifier value is, by default, random: it identifies this instance of OpenEvSys: you can choose any value you want. Then click "install".

As the installer indicates, you should now go and make the /conf/sysconf.php file read-only to protect from potential modifications which may cause problems when running OpenEvSys.

Click to continue, and login with username "admin" and the password you inputted during installation.

# 2. INSTALLATION ON WINDOWS

# 2.1 Install WAMP Server

This document describes in detail how to install OpenEvSys 2.0 on a Microsoft Windows Vista or Windows 7 computer using WAMPServer.

It is designed to get you moving, and allow you to try out OpenEvSys for yourself. If it does not work, there is a problem with Windows, not OpenEvSys. The installation that you use here is not secure, so do not put any confidential information in it.

If you want to use OpenEvSys for storing confidential information, or for use online over the Internet for your organisation, we strongly recommend that you involve your webmaster or a server technician.

#### Get WAMPServer running on your computer

Open your Internet browser, and visit the WampServer website (<u>http://www.wampserver.com/</u>) or the project page on Sourceforge

(http://sourceforge.net/projects/wampserver/)



and download the file.

Save the file somewhere on your computer, for example:

C:\Users\Example\Downloads

Find where you saved the WAMPServer installer

Organize 🔻 🖃 Open Share with 🔻	N	ew folder					
4 🔆 Favorites	-	Name	Date modified	Туре	Size		
📃 Desktop		wampserver2.2e-php5.4.3-httpd2.2.22-mysql5.5.24-32b.exe	17/05/2013 15:15	Application	27,760 KB		
👪 Downloads		A.HRC.8.4_sp.doc	17/05/2013 12:03	Microsoft Word 9	151 KB		
💝 Dropbox		A.HRC.7.19.Add.2.doc	17/05/2013 09:32	Microsoft Word 9	624 KB		
🔢 Recent Places		A.HRC.7.19.Add.5.doc	17/05/2013 09:28	Microsoft Word 9	329 KB		
Timeline Explorer		A.HRC.7.19.Add.5_sp.doc	17/05/2013 09:28	Microsoft Word 9	230 KB		

Once the download is complete, find the installer file in C:\Users\Example\Downloads. Left-click on it twice, quickly, to start the installation process.

WAMPServer warning about previous version



If you have a previous version of WAMPServer running, backup any data and remove it before starting to install the newer version.

WAMPServer starts to install

Setup - WampServer 2	
ω	Welcome to the WampServer 2 Setup Wizard
WampServer	This will install WampServer 2.4 on your computer.
Powered by	It is recommended that you close all other applications before continuing,
Alter Way The French	Click Next to continue, or Cancel to exit Setup.
Open Source Service Provider	
http://www.alterway.fr	
Apache : 2.4.4	
MySQL : 5.6.12	
PHP : 5.4.12	
SalPuddy 1 2 2	
XDebug : 2.2.3	
	Next > Cancel

Accept the WAMPServer terms of use and licence



Select I accept the agreement, and then Next to continue the installation process.

WAMPserver is Free Software like OpenEvSys. You can download, share with friends, and modify it if you like.

Choose where WAMPServer should install



By default, WAMPServer installs itself in this directory on your computer: c:/wamp You can choose any location you like though.

Finalise the installation



Create a desktop shortcut and quick launch icon if you like.



The WAMPServer installer gives you a chance to change your mind about where to install.

Sit back and watch as WAMPServer installs

		57
Setup - WampServer 2		23
Installing	6	
Please wait while Setup installs WampServer 2 on your computer.	IJ	IJ
Extracting files		
c:\wamp\bin\mysql\mysql5.5.24\data\mysql\columns_priv.frm		
	-	
	3	
	 Cancel	

This should take less than a minute.

You don't need an email server for OpenEvSys. Leave the data that is already there. Select "next" to continue installing.

WAMPServer Installation is complete

Setup - WampServer 2	
ω	Completing the WampServer 2 Setup Wizard
WampServer	Setup has finished installing WampServer 2 on your computer. The application may be launched by selecting the installed icons.
Powered by Alter Way The French Open Source Service Provider http://www.alterway.fr WampServer 2.4 Apache : 2.4.4 MySQL : 5.6.12 PHP : 5.4.12 PHPyJadmin : 4.0.4 SqlBuddy : 1.3.3 XDebug : 2.2.3	Click Finish to exit Setup.
	Finish

Click on "finish" to start WAMPServer running on your computer.

WAMPServer is starting up.

WAMPServer is now starting up on your local computer. You will see a new icon in Window's system tray, at the bottom right hand side of your screen, where the clock is.

The WAMPServer icon looks like a little horsehoe, or a fan. When WAMPServer is starting, this little icon is partly yellow.

WAMPServer is now running!



When WAMPServer is working smoothly, the little icon is all green. When some services (e.g. MySQL, or PHP)

are not working, or are switched off, this icon may be partly red. Access WAMPServer's control panel and disable PHP error reporting

With your mouse pointer, left click once on the green icon in the system tray. The WAMPServer control panel will pop-up immediately.



Using the menus in this control panel, you can stop and start WAMPServer, and change most of the settings of PHP, MySQL and Apache. Hover over PHP, then PHP Settings, and then select "display errors" and "display start up errors". This will remove the "tick" and disable PHP error reporting.



Now open the WAMPServer control panel again, and select www directory. This will open up this directory in Windows Explorer - the file browser in Microsoft Windows that you use for things like moving and deleting files, or creating directories.

The WAMPServer /www directory

File Edit View Tools	Help			
👌 Organize 👻 🏢 Views	•			0
Favorite Links	Name	Date modified	Туре	Siz
Documents Pictures Music More » Folders		This folder is empty.		
b is php     b phpmyadmin     scripts     sqlitemanage     trnp     www     b Windows				
Wingson +	*	m		

The WAMPServer /www directory is where we will put OpenEvSys. It is here:

c:/wamp/www

If you had installed WAMP somewhere else, it will be here:

c:/somewhere/else/www

# 2.2 Download OpenEvSys

Download the OpenEvSys application from Github.com:

GitHub	This repository	<ul> <li>Search or type a command</li> </ul>	Sector Explore Ferror Ferro	atures Enterprise Blog	Sign up Sign in
	s / OpenEvS	Sys			★ Star 9 \$ Fork 1
OpenEvSys is information on	free open sourd human rights vi	ce software designed for us olations http://www.openews	e by organisations who ne sys.org/	eed a software tool to manage	<> Code
· 104	commits	₽ 4 branches	<b>○ 0</b> releases	2 contributors	1 Pull Requests
t) 🎙 branc	h: master 🔹 🔘	penEvSys / 관			🖬 Wiki
Merge branch 'r	master' of https://g	ithub.com/huridocs/OpenEvSys			- Pulse
💮 Hmayak Tig	ranyan authored 15	days ago		latest commit d515b9b3d9 🗟	III Graphs
iiiii 3rd	Geocod	ling view,edit fixes		8 months ago	2 Network
iii conf	istall ch	nages;		15 days ago	
iiii data	istall ch	nages;		15 days ago	HTTPS clone URL
ill inc	istall ch	iages;		15 days ago	https://github.co
iim inst	fix prob	lem with person format,		a month ago	You can clone with HTTPS, Subversion, and other methods.
iii media	ignore f	iles		6 months ago	Clone in Desktop
i mod	istall ch	iages;		15 days ago	Ownload ZIP

Open up your web browser and visit the OpenEvSys download page on Github.com, here: <u>https://github.com/huridocs/OpenEvSys</u>. Because you are installing OpenEvSys on a Microsoft Windows computer, you will need to download the file called OpenEvSys-master.zip:

Opening OpenEvSys	s-master.zip					
You have chosen to open:						
🧾 OpenEvSys	20 OpenEvSys-master.zip					
which is a: PowerArchiver ZIP File						
from: https	://codeload.github.com					
What should Fire	fox do with this file?					
Open with	h PowerArchiver 2011 (default)					
Save File	· · ·					
Save the						
Do this <u>a</u> utomatically for files like this from now on.						
OK Cancel						
a month ago	ouprotototti, and other methodo.					
6 months ago	Clone in Desktop					
15 days ago	Download ZIP					
, ,	+					
a year ago						

Save OpenEvSys in the WAMPServer /www directory

Right click on the link called Download ZIP. Now select "save link as" from the menu. When asked, choose the following directory (or wherever you installed WAMPServer):

c:/wamp/www

An empty /www directory

Enter name of file to	o save to				×
	G(C:) ► wamp ► www	<b>▼ 4</b> 9	Search www		٩
Organize 🕶 Ne	w folder			•	0
Nesktop	^ Name ^		Date modified	Туре	
🗼 Downloads 🖭 Recent Places		No items match you	ır search.		
🥽 Libraries					
Documents	=				
J Music					
Pictures					
Videos 🔣					
🖳 Computer					
👝 OS (C:)					
🔮 CD Drive (D:)					
- Microsoft Offi	ice + 4	III			•
File name:	OpenEvSys-master				-
Save as type:	PowerArchiver ZIP File				•
🔺 Hide Folders			Save	Cancel	

Nothing in the c:/wamp/www directory yet!

The OpenEvSys application is now saved in the right directory:

File Edit View Tools	Help			
崎 Organize 👻 🏢 View:	👻 🚯 Bum			0
Favorite Links	Name	Date modified	Туре	Siz
<ul> <li>Documents</li> <li>Pictures</li> <li>Music</li> <li>More »</li> </ul>	d openevsys_0.9-rc1.zip	24/07/2009 09:34	Compressed (zipp	
Folders h php php phpmyadmin scripts sqlitemanage trup www				
Windows		m		,

There you go.

Un-archive the OpenEvSys application



The file you downloaded from Github.com has a .zip extension. This means it is archived or compressed. Archiving makes files smaller, which means they can be downloaded more quickly. Archiving also means that complete directories containing many files can be transferred all at once.

To use the contents of the .zip, we have to extract the folders and files from it first. There are many different tools to do this, including the tool built into Windows 7, or third party tools like WinZip, 7Zip or WinRar. Usually, the controls of these archiving tools are accessed by right clicking to bring up Window's context menu.

I am choosing to use WinRar. Right click on OpenEvSys-master.zip and choose "extract here". This means that the contents of OpenEvSys-master.zip will be extracted to this directory:

c:/wamp/www/OpenEvSys-master

This directory will be created automatically by the unarchiving tool that you use.

OpenEvSys is being extracted from its archive

Extract to:	
C:\wamp\www\	▼
Path mode: Full pathnames	Password
Overwrite mode: Ask before overwrite	Show Password

WinRar - and any other archiving tool - will show you what files it is extracting, and how much progress it has made.

OpenEvSys has been successfully extracted

🚱 🔵 🔻 📔 🕨 Compute	er ► OS (C:) ► wamp ► www ►	•	• 47 Search www	
Organize 👻 🔚 Open	▼ Burn New folder			= -
4 🚖 Favorites	Name	Date modified	Туре	Size
🧮 Desktop	퉬 OpenEvSys-master	19/07/2013 12:41	File folder	
鷆 Downloads	🚹 OpenEvSys-master	05/07/2013 11:24	Compressed (zipp	9,559 KB
🔚 Recent Places				

You can see the new directory alongside the original .zip file. Have a look inside the new OpenEvSys directory:

Organize 🔻 Include in	library     Share with     B	urn New folder		855 💌
🔆 Favorites	Name	Date modified	Туре	Size
🧮 Desktop	🍑 3rd	19/07/2013 12:41	File folder	
鷆 Downloads	퉬 conf	19/07/2013 12:41	File folder	
Recent Places	鷆 data	19/07/2013 12:41	File folder	
	鷆 inc	19/07/2013 12:41	File folder	
词 Libraries	鷆 inst	19/07/2013 12:41	File folder	
Documents	鷆 media	19/07/2013 12:41	File folder	
🛚 🎝 Music	퉬 mod	19/07/2013 12:41	File folder	
Pictures	퉬 res	19/07/2013 12:41	File folder	
Videos	퉬 schema	19/07/2013 12:41	File folder	
	퉬 tpls	19/07/2013 12:41	File folder	
🖳 Computer	\mu www	19/07/2013 12:41	File folder	
Þ 🏭 OS (C:)	gitignore	05/07/2013 11:05	GITIGNORE File	1 KB
🖻 🧰 Microsoft Office Clic	INSTALL	05/07/2013 11:05	File	3 KB
	LICENSE	05/07/2013 11:05	File	34 KB
📬 Network	README	05/07/2013 11:05	MD File	9 KB

Web applications have a directory structure containing lots of different files. For the purposes of this tutorial, we don't need to know anything about these.

# 2.3 Install OpenEvSys on Windows

Firefox 🔻	
(G) localhost/OpenEvSys-mas	ter/www/
€ OpenEvSys 2.1 Installer	+

Start an Internet browser like Firefox or Internet Explorer. In the address bar, type the following URL and press enter:

#### http://localhost/OpenEvSys-master/www/

The localhost is WAMPserver, and your browser will know where to look. Localhost is shorthand for the WAMPServer's /www directory, as you can see:

http://localhost/OpenEvSys-master/www/ c:/wamp/www/OpenEvSys-master/www

The installer will now start automatically.

If it doesn't start automatically, this is probably because you have unarchived OpenEvSys in a different directory. Some users have found that their un-archiving tool installs in a directory like the below:

#### c:/wamp/www/OpenEvSys-master /OpenEvSys-master

To access OpenEvSys you can either copy the contents of the final "/OpenEvSys-master" to the previous directory, or simply put the following in your browser:

#### http://localhost/OpenEvSys-master/OpenEvSys-master/www

#### The OpenEvSys installer starts

OpenEvSys							
OpenEvSys Installer							
1. Check file permission							
OpenEvSys require the following folders to be writable via webserver.							
C:\wamp\www\OpenEvSys-master\conf/ writable							
C:\wamp\www\OpenEvSys-master\media/ writable							
2. Database Setup							
Host							
Iter							
Password							
Database Name							
a Admin Decement							
5. Admin Password							
Type Password							
Confirm Password							
4. System identifier							
Following id should be unique to this installation of OpenEvSys.							
Unique identifier 78zGQO							
Install							
About OpenEvSys   @ HURIDOCS   AGPL v3 licensed   VERSION : 2.1							

OpenEvSys requires some information from you, which we have to input.

#### 1. Check file permission

This checks whether the OpenEvSys can save data on your computer. On Microsoft Windows Vista and XP, this permission is granted by default to you, if you are the administrator of your computer.

2. Database setup

OpenEvSys stores information in a MySQL database. You installed MySQL on your computer when you installed WAMPServer. OpenEvSys will create the database automatically. Because this is just a local installation, we can use the WAMPServer defaults:

Host: localhost

This means the MySQL database on your computer.

User: root

This is the MySQL "super user".

Password:

On WAMPServer, the user called root has no password. This is not secure.

#### Database Name: openevsys

Give the database a name. MySQL can have many different databases running, so we have to create one specifically for OpenEvSys data. Let's call it openevsys.

#### 3. Admin Password

When OpenEvSys is first installed, it has one user:

admin

'Admin' has complete control over OpenEvSys, and we set up the password during installation. You will be able to change the admin password once installation is complete, but we suggest selecting a strong password now.

4. System Identifier

The value that you choose here is unique to this particular installation of OpenEvSys. OpenEvSys creates a random value for you, which we call the Base ID. In the screenshot above, it is "78zGQO", but you can delete that value and put what you like For example, you could put "myorganisation" or "myorganisation-fo1" (for Field Office 1).

The system identifier will appear in the record numbers inside OpenEvSys, for example:

#### 78zGQO /Event/3455 78zGQO /Person/5604 78zGQO /Act/2345

The reason for this is simple: it allows you to consolidate data from different installations of OpenEvSys. If OpenEvSys only had a single ascending record ID number, consolidating data would be far harder since there might be many different records with the same ID. This makes that less likely.

Enter the installation details, and start installing

	OpenEvSys					
	OpenEvSys Installer					
1. Check file permission						
OpenEvSys require th	e following folders to be writable via webserver.					
C:\wamp\www\Op	enEvSys-master\conf/ writable					
<ul> <li>C:\wamp\www\Op</li> </ul>	enEvSys-master\media/ writable					
2. Database Setup						
Host	localhost					
User	root					
Password						
Database Name	openevsys					
3. Admin Password						
orrannin according						
Type Password	•••••					
Confirm Password						
Section 1 address						
4. System identifier						
Following id should be	e unique to this installation of OpenEvSys.					
Unique identifier	78zGQO					
	Install					
About OpenEvSy	s   © HURIDOCS   AGPL v3 licensed   VERSION : 2.1					

Now just select "install". The installation process will start: it should take no longer than one minute.

OpenEvSys is now installed.

OpenEvSys's essential information, such as the database password, is stored in this file:

c:/wamp/www/OpenEvSys-master/conf/sysconf.php

You can choose to do what OpenEvSys suggests, and make the file read-only. This will prevent it from being altered by the application, and is a basic level safety measure. For this tutorial, don't bother.

Go to the login link that OpenEvSys provides you with.

Login to OpenEvSys as Admin

CopenEvSys 2.1	+		The second
		Open	EvSys
		Sign in to O	penEvSys
		Sign in to O Username	penEvSys
		Sign in to O Username Username Password Password	penEvSys

The default username for the administrator is admin.

The password will be the password you gave during installation to login to OpenEvSys.

If the screen looks strange, and appear to have some errors on it (something about "setting headers", or "...reference has been deprecated" this is because you have not disabled error reporting in PHP, as was recommended above at the end of Chapter 1. You should do that now.

OpenEvSys is installed, and you are using it

pencosys 1.0 - Wozina	Firefox		_	-		
	http://loc	ois <u>H</u> eip alhost/openevsy	s_0.9-rc1/www/inde	x.php?mod=even	ts&act=browsi ර	☆ •   🎯   🚮 • Google 🛛 🔎 🐠
penEvSvs	Events > Brow	se Event >				admin   My Preferences   Help   Sign
	Events	Persons	Documents	<u>Analysis</u>	<u>Admin</u>	
Browse Events	View Ever	nt				
Information • There is	no Event inform	nation yet. You	should add some!.	Click the "Add	new Event" but	ton to add a new Event.

You can now start creating new users, <u>new events</u>, set up OpenEvSys and begin entering data on your computer.

# **INSTALLATION ON A MAC**

# 3.1 Get and Install MAMP

#### Download MAMP

Open your web-browser and go to the MAMP download page MAMP download page (<u>http://mamp.info/en/downloads/index.html</u>).



Save the file somewhere on your computer.

#### Check the hard disk space

Please check you have enough free space on your computer before installing MAMP. To install MAMP, you will need space 520 MB on your hard disk.

#### Installing MAMP

Find and extract the file by clicking twice to install it onto your computer.



License Agreement

To continue the installation, you must agree to the license agreement. Just click "Agree" button to continue the installation.

#### **Up-grade MAMP**

If you have a previous version of MAMP installed, please read "how to upgrade.rtf" to find out how to upgrade MAMP.

Drag the MAMP folder to Application folder or you can copy the folder and put it into

".../Application"

Click on Start Servers. (Please use the MAMP rather than MAMP PRO on this installation)



Installation process begins. After a few seconds, the below screen will be displayed:

🗠 🔂 loca	host:8888/MAMP/?language=English	
iiii Apple	iCloud Facebook Twitter Wikipedia Yahoo! News	▼ Popular ▼ Vie
MAI	MP: Mac, Apache, MySQL, PHP	
tart phplr	nfo XCache phpMyAdmin SQLiteManager	FAQ Tr
0.	welcome to MAMP	
	If you can see this name MAMP	is installed
	on your Mac and everything is	working
	on your mac and everything is	norking.
To see the PH	P configuration, you can watch the output of phpinfo.	
To see the PH	P configuration, you can watch the output of <u>phpinfo</u> .	
To see the PH MySQL	P configuration, you can watch the output of <u>phpinfo</u> .	
To see the PH MySQL The MySQL Da	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMyAdmin</u> .	
To see the PHI MySQL The MySQL Da To connect to	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMyAdmin</u> , the MySQL Server from your own scripts use the following	g connection
To see the PH MySQL The MySQL Da To connect to parameters:	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> , the MySQL Server from your own scripts use the following	g connection
To see the PHI MySQL The MySQL Da To connect to parameters: Host	P configuration, you can watch the output of <u>ohplinfo</u> . atabase can be administrated with <u>ohpMvAdmin</u> . the MySQL Server from your own scripts use the following localhost	g connection
To see the PHI MySQL The MySQL Da To connect to parameters: Host Port	P configuration, you can watch the output of <u>hppinfo</u> . atabase can be administrated with <u>phpMyAdmin</u> . the MySQL Server from your own scripts use the following localhost 8889	g connection
To see the PHI MySQL The MySQL Da To connect to parameters: Host Port User	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> , the MySQL Server from your own scripts use the following localhost 8889 root	g connection
To see the PHI MySQL The MySQL Da To connect to parameters: Host Port User Password	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> . the MySQL Server from your own scripts use the following localhost \$889 root root root	g connection
To see the PHI MySQL Da The MySQL Da To connect to parameters: Host Port User Password Example:	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> . the MySQL Server from your own scripts use the following localhost 8889 root root	g connection
To see the PHI MySQL The MySQL Da To connect to parameters: Host Port User Password Example:	P configuration, you can watch the output of <u>hppinfo</u> . atabase can be administrated with <u>hphMvAdmin</u> . the MySQL Server from your own scripts use the following  ocalhost 8889   root   root   root	g connection
To see the PHI MySQL Da To connect to parameters: Host Port User Password Example: Slink = mys	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> . the MySQL Server from your own scripts use the following localhost 8899 root root sql_connect('localhost', 'root', 'root');	g connection
To see the PHI MySQL The MySQL Da To connect to parameters: Host Port User Password Example: Slink = mys or you can core	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> . the MySQL Server from your own scripts use the following localhost 8889 root root sql_connect('localhost', 'root', 'root'); nnect using an UNIX Socket:	g connection
To see the PH MySQL The MySQL Dz To connect to parameters: Host Port User Password Example: Slink = mys or you can cor Socket	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> . the MySQL Server from your own scripts use the following localhost 5889 root root sql_connect('localhost', 'root', 'root'); nnect using an UNIX Socket: /Applications/MAMP/tmp/mysql/mysql.sock	g connection
To see the PH MySQL The MySQL Dz To connect to parameters: Host Port User Password Example: S1ink = mys or you can cor Socket User	P configuration, you can watch the output of <u>phpinfo</u> . atabase can be administrated with <u>phpMvAdmin</u> . the MySQL Server from your own scripts use the following localhost 8889 root root sql_connect('localhost', 'root', 'root'); nnect using an UNIX Socket: /Applications/MAMP/tmp/mysql/mysql.sock root	g connection

Finished! You have MAMP on your computer! Well done.

# 3.2 Start the MAMP Server

# Find MAMP

Please go to MAMP folder with your finder at:

".../Application/MAMP"

Execute MAMP.app by clicking the file twice.

● ● ●	MAMP			
		? Q		
Back	View Action Arrange Share		Search	
FAVORITES	Name 🔺	Date Modified	Size	Kind
All My Files	▶ 🚞 bin	Jan 22, 2013 10:52 AM		Fold
a vin	cgi-bin	Jan 22, 2013 10:54 AM		Fold
AirDrop	conf	Mar 20, 2013 1:34 PM		Fold
Applications	🕨 🚞 db	Jan 22, 2013 10:54 AM		Fold
Desktop	htdocs	Jun 28, 2013 4:38 PM		Fold
(B) Deserves	LEAME.rtf	Jan 22, 2013 10:52 AM	2 KB	Rich
Documents	Library	Jan 22, 2013 10:54 AM		Fold
🔮 Downloads	Icences	Jan 22, 2013 10:54 AM		Fold
Movies	LIESMICH.rtf	Jan 22, 2013 10:52 AM	2 KB	Rich
Music	LISEZ-MOI.rtf	Jan 22, 2013 10:52 AM	997 bytes	Rich
C Distance	Iogs	Today 12:10 PM		Fold
Pictures	MAMP	Today 12:04 PM	1.2 MB	App
SHARED	README.rtf	Jan 22, 2013 10:52 AM	2 KB	Rich
Morgan's M	▶ 🚞 tmp	Today 12:13 PM		Fold
	🔓 прочти.rtf	Jan 22, 2013 10:52 AM	3 KB	Rich
mpca9181	🔓 お読みください.rtf	Jan 22, 2013 10:52 AM	3 KB	Rich
📃 thomson				

# Widget Control

If you wish, put the MAMP widget control on your Mac's dashboard by clicking the MAMP Control.wdgt. It will automatically put the widget to the Dashboard, so you can find it easily later.

#### Running the Server

000	MAMP
e	MAMP manage your website locally
Status	Stop Servers
Status	Stop Servers Open start page
Status Apache S MySQL Se	Stop Servers Open start page Preferences

Now, how to run the server? There are two ways to activate the server: first, open the MAMP application and by default the server will start running and open the welcoming page in your default browser (probably Safari).

The second way to start the server is from the dashboard, by clicking "start server" button on the MAMP widget.

If you can see the welcome page in your browser, the MAMP is installed on your Mac and everything is working!

00	💟 MAMP			
		? Q		
Back	View Action Arrange Share		Search	
FAVORITES	Name 🔺	Date Modified	Size	Kind
All My Files	🕨 🚞 bin	Jan 22, 2013 10:52 AM		Fold
Ala Dava	🕨 🚞 cgi-bin	Jan 22, 2013 10:54 AM		Fold
AirDrop	conf	Mar 20, 2013 1:34 PM		Fold
Applications	🕨 🚞 db	Jan 22, 2013 10:54 AM		Fold
Desktop	htdocs	Jun 28, 2013 4:38 PM		Fold
Documents	LEAME.rtf	Jan 22, 2013 10:52 AM	2 KB	Rich
Documents	🕨 🚞 Library	Jan 22, 2013 10:54 AM		Fold
U Downloads	licences	Jan 22, 2013 10:54 AM		Fold
Movies	LIESMICH.rtf	Jan 22, 2013 10:52 AM	2 KB	Rich
J Music	LISEZ-MOI.rtf	Jan 22, 2013 10:52 AM	997 bytes	Rich
C Distance	🕨 🚞 logs	Today 12:10 PM		Fold
Pictures	S MAMP	Today 12:04 PM	1.2 MB	Appl
SHARED	README.rtf	Jan 22, 2013 10:52 AM	2 KB	Rich
A Morgan's M	🕨 🚞 tmp	Today 12:13 PM		Fold
mmma0601	🚡 прочти.rtf	Jan 22, 2013 10:52 AM	3 KB	Rich
mpca9181	🐌 お読みください.rtf	Jan 22, 2013 10:52 AM	3 KB	Rich
🖳 thomson				

# 3.3 Install OpenEvsys on Mac

# Get OpenEvSys

Download the OpenEvSys application from <u>www.Github.com</u>. Open your web browser and visit the OpenEvSys download page on <u>https://github.com/huridocs/OpenEvSys</u>.

GitHub 🔤	s repository 👻 Search or type a command	Sector Teal	tures Enterprise Blog	Sign up Sign in
huridocs / C	penEvSys			🛨 Star 9 🐉 Fork 1
OpenEvSys is free manage information	open source software designed for a on human rights violations http://w	use by organisations who n ww.openevsys.org/	need a software tool to	<> Code
106 commi	ts P 4 branches	So releases	2 contributors	11 Pull Requests 0
្រៃ ទ្រ branch: mas	ster - OpenEvSys / 관			EE Wiki
fiexed OES-207				-/~ Pulse
💮 Hmayak Tigranyan	authored 11 hours ago		latest commit 01dec0b06e	III Graphs
i 3rd	Geocoding view,edit fixes		8 months ago	2 Network
i conf	istall chages;		23 days ago	
🖿 data	fiexed OES-207		11 hours ago	HTTPS clone URL
inc inc	SUP-51,OES-219,OES-212 fixes		21 hours ago	https://github.co
inst	SUP-51,OES-219,OES-212 fixes		21 hours ago	You can clone with HTTPS, Subversion, and other methods.
i media	ignore files		6 months ago	Clone in Desktop
i mod	fiexed OES-207		11 hours ago	Ownload ZIP

# Get the File

Because your installing OpenEvSys on Macintosh, you'll need to download specific file called:

OpenEvSys-master.zip

or

OpenEvSys-master.tar.gz



For this tutorial, we use OpenEvSys-master.zip

Later versions of OpenEvSys will also be listed here when they are released.

#### Extracting

To use the application, you must extract the file to the right directory. Open the package file using your archive application (The Unarchiver is the default application for Mac) and put the file into to:

.../Application/MAMP/htdocs

Please make sure that you put it in the right folder, or else the application won't work properly.



# Installing OpenEvSys

Open your web-browser. In the address bar, type the following URL:

http://localhost:8888/OpenEvSys-master/www/

and press enter.

The localhost:8888 is the MAMP server, and your browser will know where to look. Localhost is shorthand for the MAMP server's /htdocs directory, as you can see:

http://localhost:8888/OpenEvSys-master/www/ is .../Application/MAMP/htdocs

ple i	Cloud	Facebook	Twitter	Wikipedia	Yahoot	News * Popular * View Page
						6
						OpenEvSys
						OpenEvSvs Installer
						1. Check file permission
						OpenEvSys require the following folders to be writable via webserver.
						/Applications/MAMP/htdocs/OpenEvSys-master/conf/ writable
						<ul> <li>/Applications/MAMP/htdocs/OpenEvSys-master/media/ writable</li> </ul>
						2. Database Setup
						Host
						User
						Deserved
						Database Name
						3. Admin Password
						Type Password
						Confirm Password
						4. System identifier
						Following id should be unique to this installation of OpenEvSys.
						Constant Index and Index and
						Install
						About OpenEv6ys   & HURIDOCS   AGPL v3 licensed   VERSION : 2.1

The installer will now start automatically. If it doesn't start automatically, this is probably because you have unarchived OpenEvSys in a different directory. Find where you've unarchived it, and move the whole directory to .../Application/MAMP/htdocs

#### Set up the Database

	OpenEvSys
	OpenEvSys Installer
1. Check file permission	on
OpenEvSys require the	e following folders to be writable via webserver.
<ul> <li>/Applications/MAMI</li> <li>/Applications/MAMI</li> </ul>	P/htdocs/OpenEvSys-master/conf/ writable P/htdocs/OpenEvSys-master/media/ writable
2. Database Setup	
Host	localhost
User	root
Password	
Database Name	ODBU BALEYS
3. Admin Password	
Type Password	
Confirm Password	
4. System identifier	
Following id should be	unique to this installation of OpenEvSys.
Unique identifier	xNs1wa
	Install
About OpenEvSv	s   @ HUBIDOCS   AGPL v3 licensed   VEBSION : 2.1

OpenEvSys stores information in a MySQL database. You installed MySQL on your computer when you installed MAMP. OpenEvSys will create the database automatically. For now, we can use MAMP default MySQL credentials:

Please fill the fields as follows:

- Host: localhost This means the MySQL database on your computer.
- User: root This is the MySQL default user. To use another user, or configure OpenEvSys for real use, you will need to configure MySQL, which is covered in another tutorial.
- Password: root On MAMP, the user called root has default password.

- Name: openevsys Give the database a name. MySQL can have many different databases running, so we have to create one specifically for OpenEvSys data. Let's call it openevsys.
- admin has complete complete control over OpenEvSys, and we set up the password during installation. You will be able to change the admin password once installation is complete, but we suggest selecting a strong password now.

Now just select "install". The installation process will start: it should take no longer than a minute.



OpenEvSys's essential information, such as the database password, is stored in this file:

".../Application/MAMP/OpenEvSys-master/www/conf/sysconf.php".

You can choose to do what OpenEvSys suggests, and make the file read-only. This will prevent it from being altered by the application, and is a basic level safety measure.

Click to continue, and you can start using OpenEvSys!

e iCloud	Facebook	Twitter	Wikipedia	Yahool	News *	Popular *	rlew Page	
							OpenEvSys	
					Sign in to OpenEvSys			
						Pass	ord Password Sign in	

The default username for the administrator is admin. The password will be the password you gave during installation to login to OpenEvSys. Have fun!