

# Quick Reference Guide to Installing the CAP-enabled Software

## Purpose

This guide is intended for users who wish to install and operationalizing the CAPITUS binaries on their own server.

**To download a copy of the software use this URL:** <http://cap.ituprojects.org/>

In general the installation process is designed to be self intuitive. The natural work flow is

- A) Download the zip file and unzip in to a folder
- B) Copy the folder to a Web directory
- C) Access the index.php file through the browser
- D) Follow the work flow steps guided by the Installer

## What the guide offers

- 1) Prerequisites for operationalizing the software
- 2) How to obtain a copy of the software
- 2) Download the files to a web directory
- 3) Invoke the installer

**FOLLOW THE INSTRUCTIONS GIVEN IN THE SUBSEQUENT SECTIONS**

# 1) Prerequisites

The server must be operational with the necessary Windows or Linux operating system, relational database management system, PHP compiler, and Apache web server.

## 1.1) Windows Users

**Step 1:** Download and Install WAMP server 2.0 or above (latest version is preferred).

Follow the instructions: <http://www.wampserver.com/en/#download-wrapper>

It allows you to run Apache, PHP, MySQL on Windows Operating Systems.

The last version tested was on WampServer version 2.4-x86

## 1.1) Linux Users

**Step 1:** If you are running a Linux operating system, you may already have Apache, PHP, and MySQL installed. Otherwise, download and Install LAMP server 2.0 or above (latest version is preferred). Follow the instructions:

- for an easy LAMP server installation: <http://www.linux.com/learn/tutorials/288158-easy-lamp-server-installation>
- It allows you to run Apache, PHP, MySQL on Linux Operating Systems. The last version tested was on LAMP version 2.4.1
- Test that your LAMP installation is working properly by trying to connect to your MySQL database through PHPMyAdmin (<http://www.phpmyadmin.net>) application. This will verify that your PHP, MySQL, and Apache is working.

# 3) Install Software

Download the software binaries and unzip them in to the web directory. You may download a copy of the software from : <http://www.ituprojects.org>

## 3.1) Create the database

Get your database ready first, these steps are applicable to both Linux and Windows user, with a slight variation in the instructions, which we assume the expert user is capable of improvising.

**Step 1:** Using phpmyadmin or directly using the mysql command line shell, create a new database (e.g. mycapdb) then assign it a username and password with permission to select, insert, update, delete records in all tables.

**Step 2:** import the tables and default table records:

- Use the .sql file: /inst/mysqlldb-create.sql (all installation related files are made available in the folder /inst/)
- If using phpmyadmin, simply import the tables in to the new database you just created
- if using the linux shell, then execute >> mysql -u username -p database – password=”password” < mysqlldb-create.sql (<http://www.cyberciti.biz/faq/add-import-sql-file-to-mysql-database-server/>)
- confirm that the tables were created; peek in the table field\_options to verify that it contains the lookup values.

### 3.1) Install software

Follow these instructions to install and operationalize the software. There are minor variations for Windows and Linux users.

**Step 1:** Edit the ../conf/sysconfig.inc.php to customize it for your own instance. The minimal list of values to be changed are indicated in the wiki section on “Installation”: <https://github.com/waidyanatha/sambro-agasti/wiki/Installation#sysconfig>

**Step 2:** Access the software through your browser:  
<http://localhost/capitus/www/index.php>

**Step 3:** You will be presented with the software home page.