

Pet Clinic

Management Software

Version 00.01.86

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Pre Installation Guide

INTRODUCTION

Pet Clinic is a free, open-source alternative to existing proprietary (aka expensive) veterinary practice management software. Pet Clinic provides just as much functionality as traditional veterinary practice management applications for a fraction of the cost. The basic software is free but installation, data conversion, and other services are offered for a nominal fee.

Because Pet Clinic is a web-based application, there is no need to purchase a license for each workstation. Simply install the Pet Clinic software on your centralized Apache web server (supporting PHP5 and MySQL) and access Pet Clinic from each workstation's web browser. By centralizing the application we maximize performance and eliminate the need for multiple workstation installations or application licenses. That also makes it supportable on multiple platforms such as Windows and Linux.

Pet Clinic software aims to improve the veterinary community by providing a high quality, low cost alternative to current veterinary practice management software offerings. In doing so, we provide accessibility to state-of-the-art computerized record keeping and practice management resources to newly opened, small, low-cost, or not-for-profit veterinary practices. By minimizing the cost of practice management software and providing key features, such practices can focus on providing the best possible patient care instead of worrying about their bottom line.

As Pet Clinic continues to be developed, we plan to optimize the basic features like client and patient records, inventory, electronic medical records, pharmacy management, scheduling, boarding, and grooming management. Additionally, we will continue development of advanced features as necessary. Because Pet Clinic is continually being developed, it is continually being improved. We also welcome suggestions, as the best product is the one that fills all of your needs.

The Legal Stuff

The Pet Clinic Management Software application is © Copyrighted 2015 by Michael Avila and Paul Thursby. The application consists of the design, the databases and table formats, and PHP scripts.

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There is only one requirement. At the top of each PHP script is the following:

```
/******  
* DO NOT REMOVE *  
* ===== *  
* PetClinic Management Software *  
* Copyrighted 2015 by Michael Avila *  
* Distributed under the terms of the GNU General Public License *  
* This program is distributed in the hope that it will be useful, *  
* but WITHOUT ANY WARRANTY; without even the implied warranty of *  
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. *  
*****/
```

This notice must not be removed.

Symbols Used in Documentation

There are a few special symbols used in this documentation. They are as follows.

-  This symbol is a warning and draws your attention to something that should not be done.
-  This symbol is a warning to use caution.
-  This symbol means to stop and get information before continuing. The information may be needed to enter into a display.
-  This symbol is next to text that provides a hint of what can be done or a short cut to doing something.
-  Check before proceeding.
-  This symbol indicates something new in this version of the application.

Hard Disk Capacities

I recommend the largest disk size available so you are not continually moving from one drive to another. A two terabyte drive should be sufficient for a few years.

Installation



Do not attempt to install this application in the root directory of the website. You could overwrite another application or your home page.



Before proceeding, check to be sure that your installation of Apache, MySQL, and PHP are working correctly. If you do not have them installed yet, you can find packages on the Internet that have these items bundled together for easy installation.

On a Windows platform, they are known as WAMP Servers. On Linux, they are known as LAMP Servers. Install these packages and be sure they are working correctly before proceeding.



This application was developed and tested on the following versions of the above.

Apache 2.4.18 – A different version should not have a significant impact on the application.

MySQL 5.6.17 and 5.6.29 – A different version should only have a minor impact on the application.

You must have the following mySQL permissions:

- Create database
- Create table
- Create user
- Grant Privileges
- Select
- Insert

If you do not have all of these permissions the installation will fail.

PHP 5.5.12 and 5.6.18 – A different version could have a significant impact on the application. PHP is undergoing many rapid and significant changes.

Tested using the Firefox 39.0 through 45.0 browser.

Developed on a monitor at 1920x1080 and highly recommended to be used at that resolution.

Cookies must be enabled for some parts of this application (Document Management).

Disk space is hard to calculate. If you have a very large veterinary practice you should have at least 1 GB of disk space. The more disk space you have the better. A 2 GB disk is best. (At the current time Windows cannot detect a disk larger than 2 GB. It is not a problem with Linux.)

Beta1 was tested using WampServer 3.04, Apache 2.4.18, PHP 5.6.21, and mySQL 5.7.12.

NOTICE: The httpd.conf file must have the following modules loaded:

```
LoadModule access_compat_module modules/mod_access_compat.so
LoadModule actions_module modules/mod_actions.so
LoadModule alias_module modules/mod_alias.so
LoadModule allowmethods_module modules/mod_allowmethods.so
LoadModule asis_module modules/mod_asis.so
LoadModule auth_basic_module modules/mod_auth_basic.so
LoadModule authn_core_module modules/mod_authn_core.so
LoadModule authn_file_module modules/mod_authn_file.so
LoadModule authz_core_module modules/mod_authz_core.so
LoadModule authz_groupfile_module modules/mod_authz_groupfile.so
LoadModule authz_host_module modules/mod_authz_host.so
```

LoadModule authz_user_module modules/mod_authz_user.so
LoadModule autoindex_module modules/mod_autoindex.so
LoadModule cache_module modules/mod_cache.so
LoadModule cache_disk_module modules/mod_cache_disk.so
LoadModule cgi_module modules/mod_cgi.so
LoadModule deflate_module modules/mod_deflate.so
LoadModule dir_module modules/mod_dir.so
LoadModule env_module modules/mod_env.so
LoadModule file_cache_module modules/mod_file_cache.so
LoadModule include_module modules/mod_include.so
LoadModule isapi_module modules/mod_isapi.so
LoadModule ldap_module modules/mod_ldap.so
LoadModule log_config_module modules/mod_log_config.so
LoadModule mime_module modules/mod_mime.so
LoadModule negotiation_module modules/mod_negotiation.so
LoadModule rewrite_module modules/mod_rewrite.so
LoadModule setenvif_module modules/mod_setenvif.so
LoadModule vhost_alias_module modules/mod_vhost_alias.so

NOTICE: The php.ini file must have the following set:

file_uploads = On
max_execution_time = 300 (Needed for the installation only)

and the following extensions:

extension=php_bz2.dll
extension=php_curl.dll
extension=php_com_dotnet.dll
extension=php_fileinfo.dll
extension=php_gd2.dll
extension=php_gettext.dll
extension=php_gmp.dll
extension=php_intl.dll
extension=php_imap.dll
extension=php_ldap.dll
extension=php_mbstring.dll
extension=php_exif.dll ; Must be after mbstring as it depends on it
extension=php_mysql.dll
extension=php_mysqli.dll
extension=php_openssl.dll
extension=php_pdo_mysql.dll
extension=php_pdo_odbc.dll
extension=php_pdo_sqlite.dll
extension=php_shmop.dll

extension=php_soap.dll
extension=php_sockets.dll
extension=php_sqlite3.dll

extension=php_xmlrpc.dll
extension=php_xsl.dll

When you have verified that everything is working correctly, put the compressed PetClinic file in the root directory of your web server. That is usually a directory named www but it may not be. Refer to the Apache documentation for the correct location.

Set your uncompressing program to use the directory paths within the compressed file. That will put all of the files in the correct locations in order to install and execute PetClinic. In the root directory a directory named petclinic will be created along with some subdirectories.

Open a browser. If you have direct access to the web site, enter localhost/petclinic/install or 127.0.0.1/petclinic/install. If you do not have direct access, enter the web site name. Example: www.xxxxxxxx.com/petclinic/install replacing the x's with the name of your website domain. If nothing executes after the last / add index.php. A web page should be displayed. Follow the instructions on the web page.

A copy of that display follows.

NOTE: The displays may vary slightly from what you see due to changes made in newer versions. The displays are basically the same and function the same way. It is just the wording and look that may differ.

The first display will always be in English. The installation gives you a choice of language to use. Currently the only option is English. However we are preparing to add other languages in the future. Read the instructions and enter the information requested. If you are using MySQL on your local server, the Userid will probably be root. However the Password may be different. If you are using a server on a monthly basis they may not let you have root access. In that case, enter the Userid as well as the password.



Please notice the access privileges you will need in order to complete the installation. Be sure you have all of these privileges or the installation will fail.

Click on submit when ready to continue.



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If you do not agree, please delete all of the files. If you do agree, select the language you want to use, enter the requested information, and click on the button below to start the installation of the VetClinic Management Software.

US English ▾

Most installations do not require a change to the MySQL Userid and Password. If you're using someone's server they may not give you root access. In that case, enter the Userid and Password assigned to you.

PLEASE NOTE: Your Userid must be able to:

- Create databases
- Create tables
- Create users
- Insert
- Select

Enter the MySQL Userid

Enter the MySQL Password



If you encounter an error and need to start over, execute the following script:

`\petclinic\install\reset.php`

It will delete everything done so far and allow you to start over.



The employee information entered here must be the owner of the clinic because of the security level assigned to this person. It is also where the application will go to get information for letters and other forms. Do not enter any other employee at this time.

When you have entered all of the information click on the submit button to create the employee record. Be sure you write down the userid and password. This will create employee # 0001. If you are not the owner, he/she will need those three pieces of information to login to the website.

Registration is not required but registering the use of our product will allow you to receive notices about updates, changes, and other information. In addition, there is a support email address that you can use to ask questions and receive help with the application. We will not be able to solve major issues that involve your whole computer system, hardware or operating system, but we can help with questions about our product.