Ingredients

Mac OS X 10.5.6

Mac Book Pro 1.83 MHz

Silverstripe 2.2.3

Entropy PHP php5-5.2.5 beta 6

MySQL?

MySQL Administrator

PHPMyAdmin

Google

Very minimal experience with using Terminal to enter Unix commands

BBEdit or other text editor that can open and edit hidden files (The free Text-Wrangler should work.)

Bare Bones Super get info to edit permissions on invisible .htaccess file

Setting up the machine

Set up virtual hosts
http://foundationphp.com/tutorials/vhosts_leopard.php

set up PHP, MySQL, PHPMyAdmin
MySQL installed using packages from:

http://dev.mysql.com/downloads/mysql/5.1.html#macosx-dmg

link to MySQL, MySQL users, SS_mysite

install GD2
Instructions from http://docs.moodle.org/en/
Step_by_Step_Installation_on_a_Mac_OS_X_10.5_Server

We need to install the latest PHP package from Marc Lyniage. At the time ow writing (April 2008), this was PHP 5.2.5 (beta 6).

 http://www2.entropy.ch/download/php5-5.2.5-6-beta.tar.gz

Note that this software is still beta. It will not overwrite the existing installation of PHP but it will break MySQL authorisations. We can fix this later and certainly later releases will fix the problem.

or search inside the forum PHP on Mac OS X for a newer one.

http://www.entropy.ch/phpbb2/viewforum.php?f=2

Download and unpack the package to the desktop. Move the now extracted folder php5 into /usr/local … so you get /usr/local/php5 … and change the owner to root. You have to use the terminal to do this. You will be asked for your password.

sudo mv ~/Desktop/php5 /usr/local/

sudo chown -R root:admin /usr/local/php5

Now the web server must know that you want to use a new PHP library from now on. Therefore edit the file

/etc/apache2/httpd.conf. You should comment the line "LoadModule php5_module libexec/apache2/libphp5.so" by adding a # as the first character of the line. After this you add the new line "LoadModule php5_module

local/php5/libphp5.so". Save the file.

#LoadModule php5_module libexec/apache2/libphp5.so

LoadModule php5_module local/php5/libphp5.so

create and edit php.ini
The second thing you must configure is the file php.ini. You will find the file php.ini.recommended inside the new package. Edit

/usr/local/php5/lib/php.ini.recommended To contact the database MySQL with PHP you have to set the default socket name for local MySQL connects. There are 2 places to change this.

mysql.default_socket = /var/mysql/mysql.sock

mysqli.default_socket = /var/mysql/mysql.sock

You will find BBEdit won't let you save the file to a different name into the same folder so save it to the desktop as php.ini. You can then use the terminal to move the file into the right spot:

sudo mv ~/Desktop/php.ini /usr/local/php5/lib/

That's all ... restart the web server. Now you should look at http://server-address/info.php again. I hope that everything will be okay and you will find the version number PHP 5.2.5 and the running GD library support.

fix MySQL auth
Unfortunately, this beta of PHP5 has a bug and you now cannot use PHPMyAdmin and the SilverStripe install page tells you that 'root' cannot connect to MySQL. Enter the following three commands into Terminal:

cd /usr/local/php5/lib

sudo mv mysql mysql.old

sudo ln -s /usr/local/mysql/lib mysql

This does something that fixes the problem