Installing PHP5 to enable the use of PHPMaker

Before you can use PHPMaker . PHP must be present on your computer.
The procedures for downloading and installing PHP5 are different to PHP4 and to the inexperienced a little daunting.
I already had MySQL running on my machine.
The following outlines how it can be successfully done. It is probably not the only way but it worked for me.
No responsibility is accepted for any installation that does not work but the author is happy to pass on this information as an aid.

Downloading PHP5

This can be done by visiting: http://www.php.net/downloads.php
And downloading:
PHP 5.0.5 zip package [7,825Kb] - 05 Sep 2005
md5: e5201a26444b55101a113efddc529bf9
http://www.php.net/get/php-5.0.5-Win32.zip/from/a/mirror

The author also downloaded;
PHP 5.0.5 installer [2,336Kb] - 9 Sep 2005
(CGI only, packaged as Windows installer to install and configure PHP, and automatically configure IIS, PWS and Xitami, with manual configuration for other servers. N.B. no external extensions included)
md5: 0bb307c1a9185faa161fdf549348ab8e

And
Collection of PECL modules for PHP 5.0.5 [1,483Kb] - 05 Sep 2005
(Most of these PECL extension files come standard with PHP 4 Windows binaries but have since been moved into this separate PECL download. Files such as php_pdf.dll, php_zip.dll, etc.)
md5: cec67c89356b8a95a51dfdfc22c7bbbb

Unzip the PHP 5.0.5 zip

It will create its own folder PHP-5.0.5-Win32

Download and Run PHP5.0.5 installer.

Open NotePad and type in:

```
<?php  phpinfo() ?>
```

Save this as phpinfo.php
Make sure the file name has saved as phpinfo.php and not as phpinfo.php.txt , if the latter has occurred rename the file as phpinfo.php

Move this file to the C:inetpub\wwwroot folder
Assuming you are using Microsoft IIS as your server.
Open your browser and type http://localhost/phpinfo.php

Your browser screen should then look similar to the illustration here.

PHP Version 5.0.5

System	Windows NT DELL1 5.1 build 2600
Build Date	Sep 5 2005 15:50:13
Configure Command	cscript /nologo configure.js "--enable-snapshot-build" "--with-gd=shared"
Server API	CGI/FastCGI
Virtual Directory Support	enabled
Configuration File (php.ini) Path	C:\WINDOWS\php.ini
PHP API	20031224
PHP Extension	20041030
Zend Extension	220040412
Debug Build	no
Thread Safety	enabled
Zend Memory Manager	enabled
IPv6 Support	enabled
Registered PHP Streams	php, file, http, ftp, compress.zlib
Registered Stream Socket Transports	tcp, udp

Your settings will be different to those shown but if you get a screen similar to this then at least you know that PHP is working.

Having set up PHP5 in this way it only gives a minimal installation and does not include the .dll files that it needs to link to MYSQL as a database.

Now you need to set up a folder for your .dll files. I suppose you could leave them in c:\ PHP-5.0.5-Win32\ext but I put mine in a folder called PHP\extensions

copy all of the .dll files in c:\ PHP-5.0.5-Win32\ext to your nominated folder plus any .dll files in the c:\ PHP-5.0.5-Win32 folder

Amending the PHP.ini file

In order to tell PHP where to find the files it needs you must make some changes to PHP.ini file. You will find this file in the c:\Windows folder. You should make a backup copy of this file before you do anything else.

Having made the backup copy open the PHP.ini file in NotePad, click the 'Edit' option in the menu and then 'Find', in the dialogue box that opens type 'extensions' and click next.

You should be taken to a part of the .ini file with the following two lines

; Directory in which the loadable extensions (modules) reside.
extension_dir = "./"

change the "./" to the name of the folder where you have put your extensions. So for example the second line in mine reads
extension_dir= "PHP\extensions"

Save the PHP.ini file

Now you need to enable the MySQL extensions

Click the Edit option and the Find options again in the menu.

Type in php_mysql

You should then be taken to a long list of possible extensions which are currently disabled.
The extension you need to enable is:

;extension=php_mysql.dll

To enable it all you need to do is to remove the semicolon from the start of the line.

I also typed in an additional line for a dll that I suspect will be needed at some point.

extension=php_mysqli.dll

You need to locate this .dll file and copy it to your folder where all the other .dll files are stored.

Save the PHP.ini file and that's it. You may need to reboot your system .

If you don't do the above procedures when you try to generate your project in PHPMaker and view it on your browser you will get the following message:

This is because PHP does not know how to handle the MySQL functions.

I suspect some of the steps I took could be done differently, but if it works I am not touching it.
My thanks to sales@HKVStore.com for their help and patience.

I hope this helps some more people trying to set up PHPMaker with PHP5.

I persevered because I have used ASPMaker for some time and I knew that the effort was worth the power of PHPMaker.

Good Luck
Peter Kingsbury