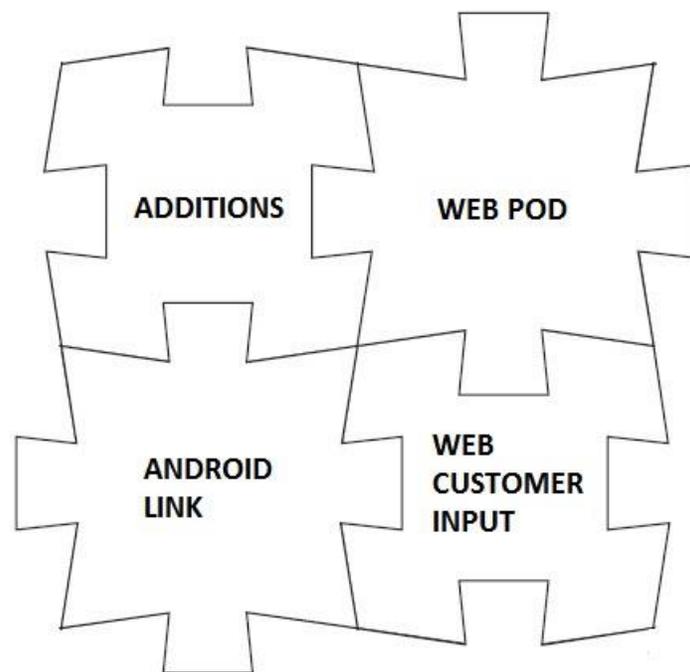


LOADMASTER ENTERPRISE

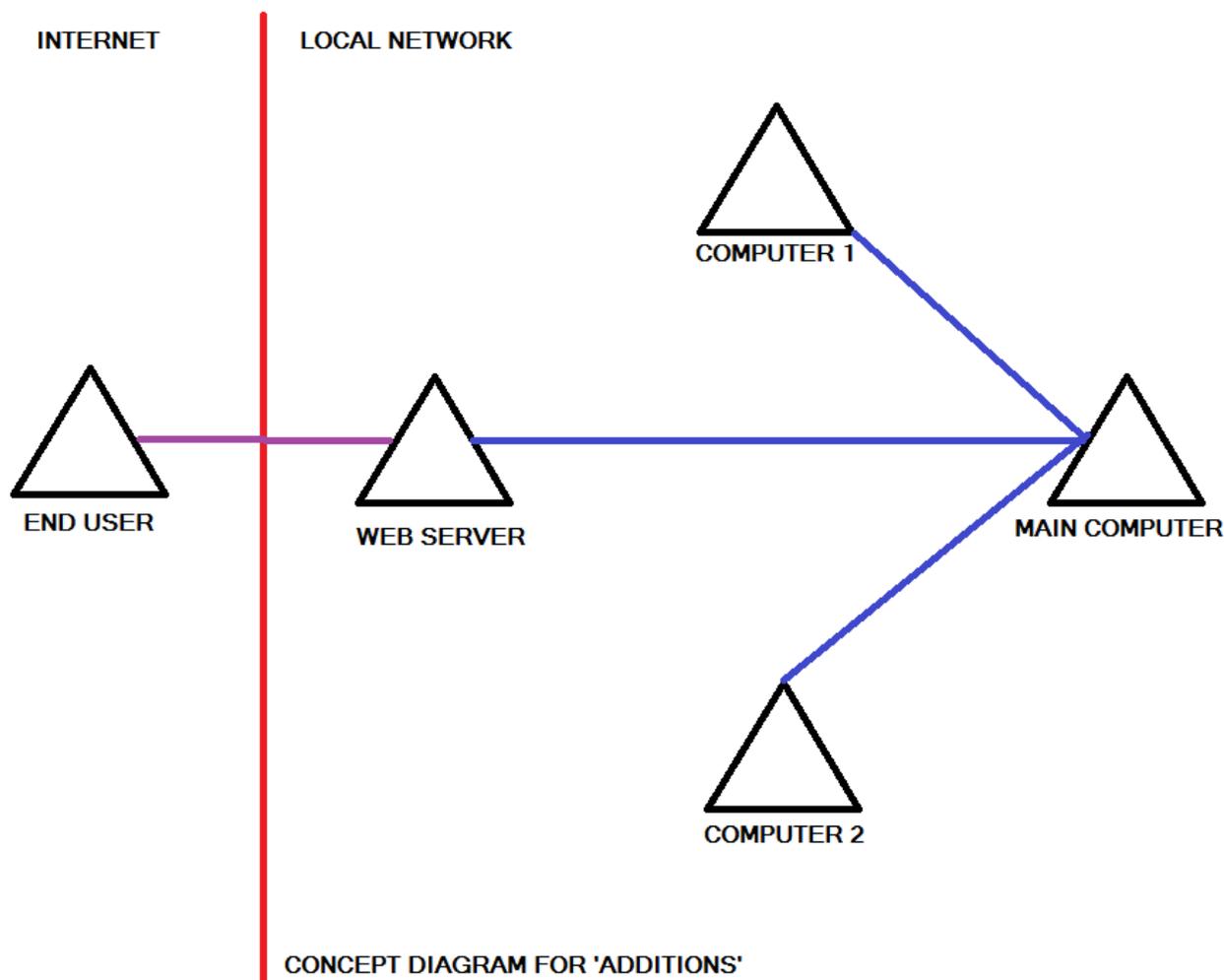
ADDITIONS WEB POD PORTAL



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LN2 4WJ
WWW.ZIPZAP.CO.UK

'ADDITIONS' for Loadmaster - copyright ZiPZAP Computers Limited

This is a walkthrough document to cover concept and installation.



You will need a computer that can operate as a web server. Windows 7, 8 and 10 are perfectly acceptable as it is already built-in but normally just turned off.

In this example the datafiles for Loadmaster are held on the MAIN COMPUTER on its network Q: drive called DEPOT20. This directory is mapped by three other computers. All the computers have Loadmaster loaded and can all see the data. Your will be different but the idea is the same. One of these computers is nominated to be a WEB SERVER.

You now need to set up IIS (Internet Information Server) on the WEB SERVER.

IIS is just a standard web server and you can actually use any Windows based web server that supports PHP.

You can skip all the web server installation instructions as long as you have a working web server that supports PHP.

Overview

This allows your customers to view their consignments using the internet in a reverse listing format for a specified period of days. You can set the number of days. The pages can be displayed in whatever colours you want as they are simple web pages.

CONSIGNMENT DATA DISPLAY										
Company	Desp Date	Our Ref	TPN Ref	Your Order	To	Postcode	Status	Signature	Del Date	
ADTO	18/07/2013	24426	20045733		ZIPZAP COMPUTERS LTD	LN6 3QN	DELV			
ADTO	12/07/2013	24425	20045732		FRED	NN29 7DT	READY			
ADTO	21/06/2013	24424	20045730		JOE BROWN	B67	READY			
ADTO	28/05/2013	24423	20045729		LONDON 2012	E20 2ST	READY			
ADTO	28/05/2013	24422	20045728		FRED	NN29 7DT	READY			
ADTO	28/05/2013	24421	20045727		FRED	NN29 7DT	READY			
ADTO	23/05/2013	24420			Vita Lend Lease Ltd	LN6 3QN	COLL			
ADTO	23/05/2013	24419			The Society Of Will Writers	LN6 3QN	COLL			
ADTO	23/05/2013	24418			Rockstar Games	LN6 3QN	COLL			
ADTO	23/05/2013	24417		127	Nicholson & Co	LN6 3QN	COLL			
ADTO	23/05/2013	24416		126	Megacare UK Ltd	LN6 3QN	COLL			
ADTO	23/05/2013	24415	20045721		LINCOLNSHIRE VISUAL IMPAIRMENT	LN6 3QN	READY			
ADTO	23/05/2013	24414	20045720		L A FITNESS PLC	LN6 3QN	READY			
ADTO	23/05/2013	24413	20045719		EPIN LTD	LN6 3QN	READY			
ADTO	23/05/2013	24412		125	Centrimet Ltd	LN6 3QN	COLL			
ADTO	23/05/2013	24411	20045717		BRAYFORD STUDIO	LN6 3QN	READY			
ADTO	23/05/2013	24410	20045716		AMCARE LTD	LN6 3QN	READY			
ADTO	23/05/2013	24409		124	ZIPZAP COMPUTERS LTD	LN6 3QN	COLL			
ADTO	23/05/2013	24408	20045714		BRITISH TELECOM	LN6 3QN	READY			
ADTO	23/05/2013	24407		123	ZIPZAP COMPUTERS	LN6 3QN	COLL			
ADTO	23/05/2013	24406	20045711		ZIPZAP COMPUTERS LTD	LN6 3QN	COLL			
ADTO	16/05/2013	24402	20045709		JOE BROWN	B67	READY			

BACK

The column marked TPN Ref is optional. You can include other fields by altering the PHP code.

The status codes are READY, COLL and DELV which mean 'ready for collection', 'collected' and delivered. If a signature has been obtained then this displays in the Signature column. The delivered date is shown in the Del Date column.

All customers can use this facility. You activate their use by completing the fields in their Loadmaster account setup which are marked as 'web username' and 'web password'. They should never be the account name. Usernames should be unique.

The web server needs direct access to your data files to operate which means that you must set up a Microsoft Windows machine in your network to do this. It is quite simple under Windows 7, 8 & 10. You go into Control Panel and Windows Options then turn ON the Internet Information Server.

The computer will need the PHP language installing, this is obtainable free from www.php.com and normally loads everything needed without requiring any user intervention.

Your router should redirect inbound HTTP requests on Port 80 to this computer. It is suggested that you give this computer a fixed IP address internally on the router.

Your firewall needs to be set to allow these inbound requests.

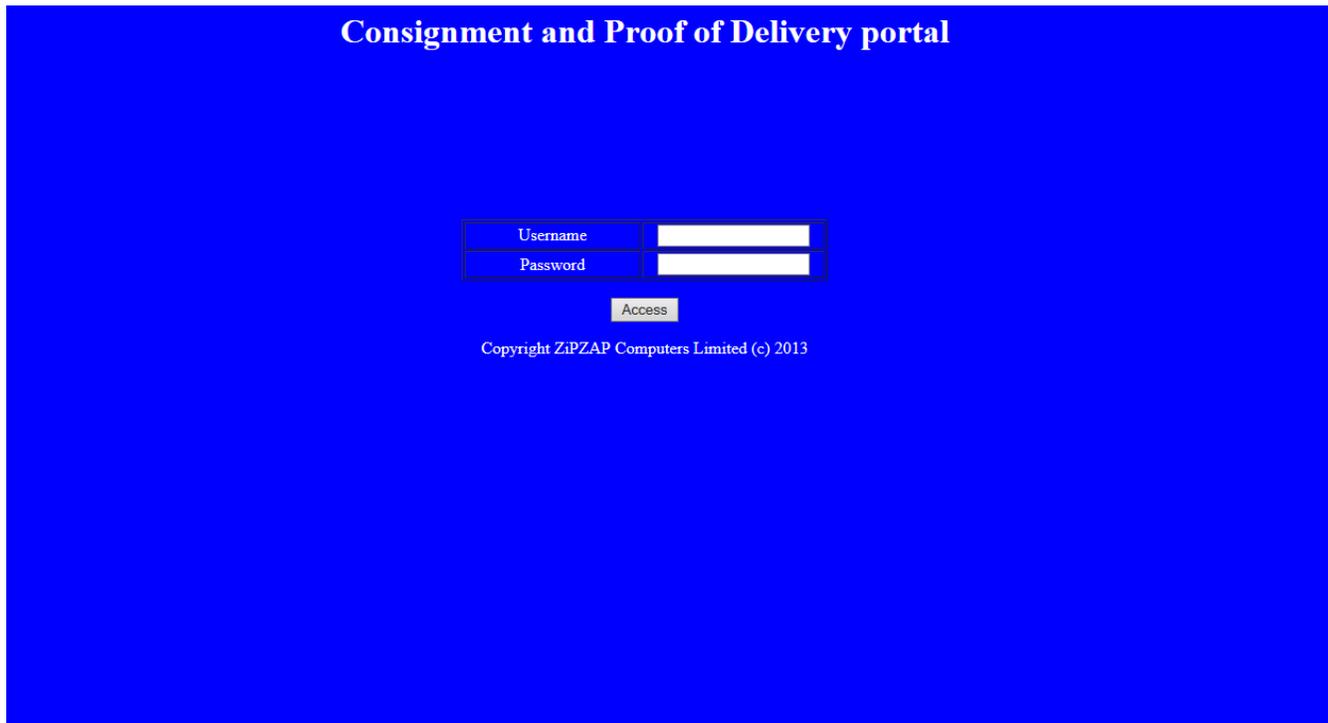
In addition, the web server computer will need either a fixed IP address or a dynamic IP host such as dyndns so that it can be discovered externally.

The computer should be loaded with Loadmaster and able to access the data. You then go Control Panel, Administrative Tools and ODBC. Add a DSN connection called LM which uses HyperfileSQL (preloaded with Loadmaster).

Then by dropping 3 files into `c:\inetpub\wwwroot` and altering the contents of one file the system is up and running.

The files can be altered to include company logo, colours etc.

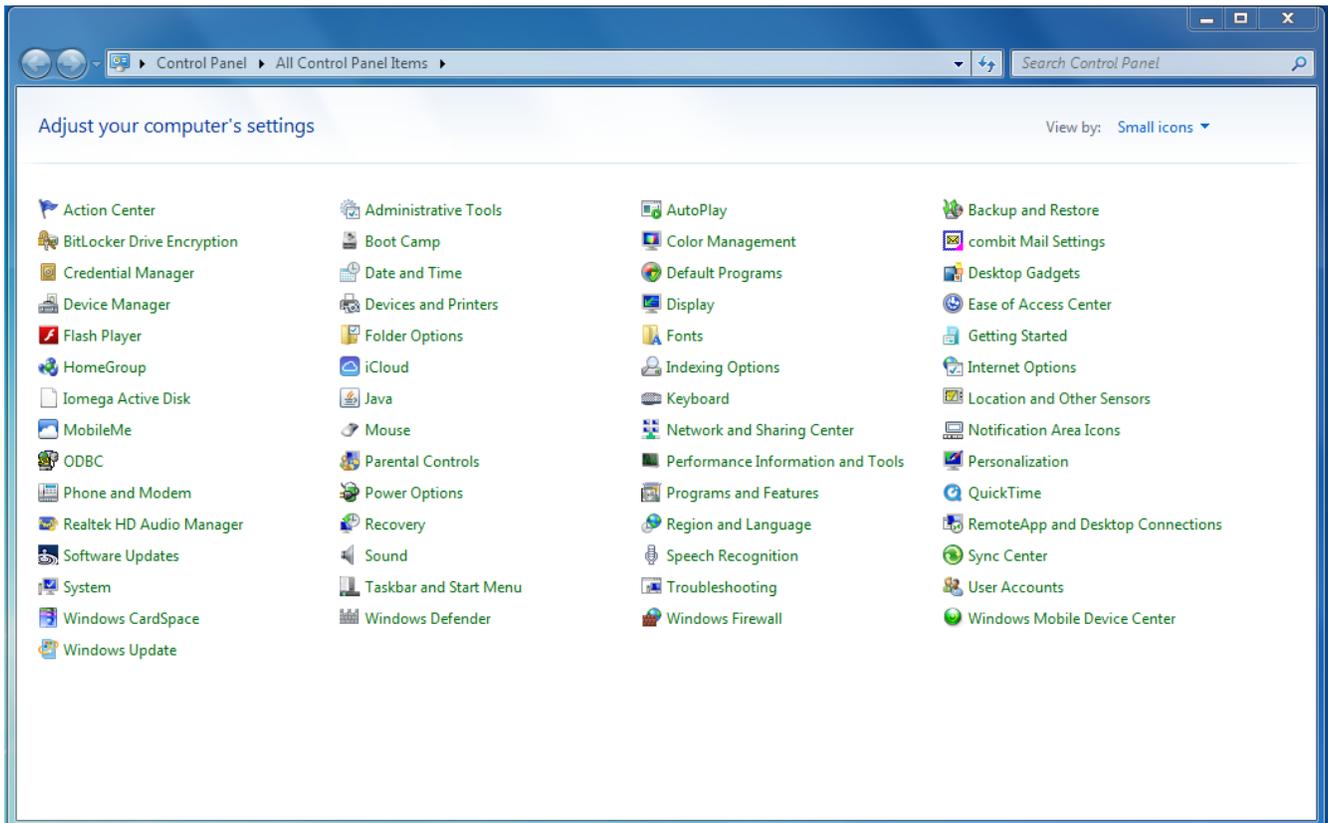
You can hyperlink the web server from your web site or supply the URL to your customers. When they log in they will see this (or similar) -



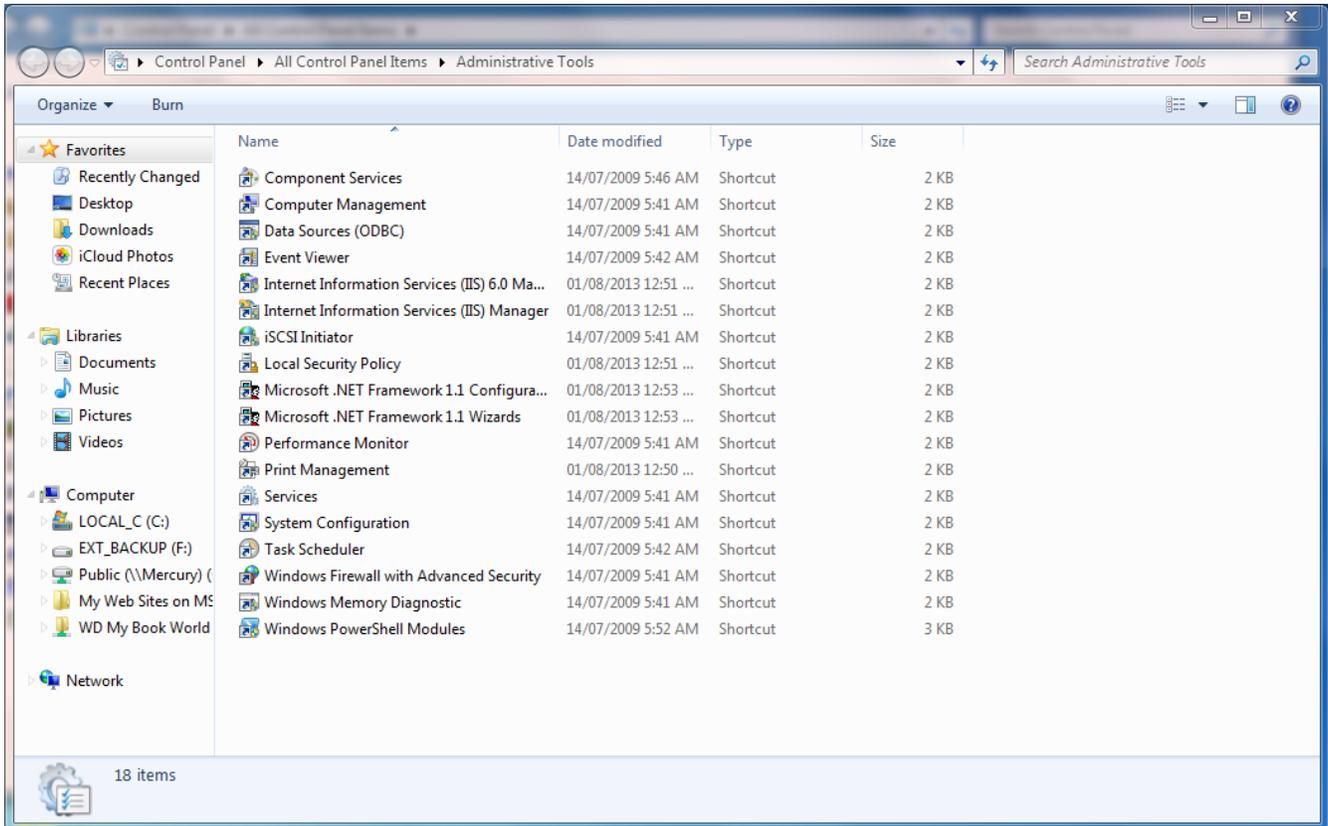
The information that they see is deliberately restricted to avoid hacking attempts.

Technical details

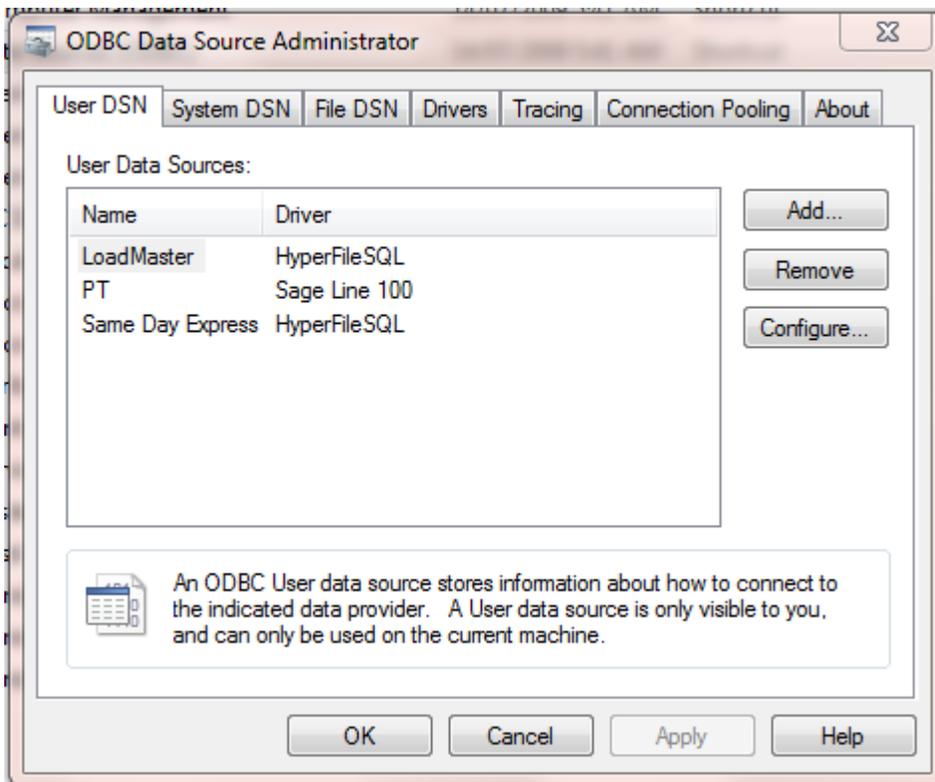
Go into Control Panel



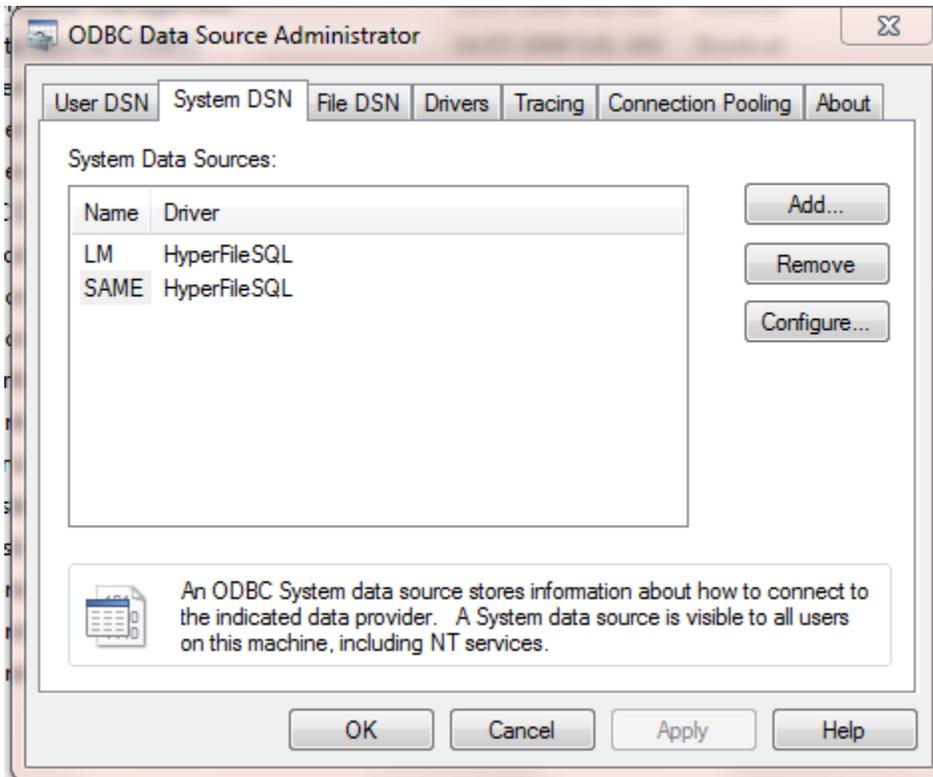
Click on Administrative Tools



Click on Data Sources (ODBC)



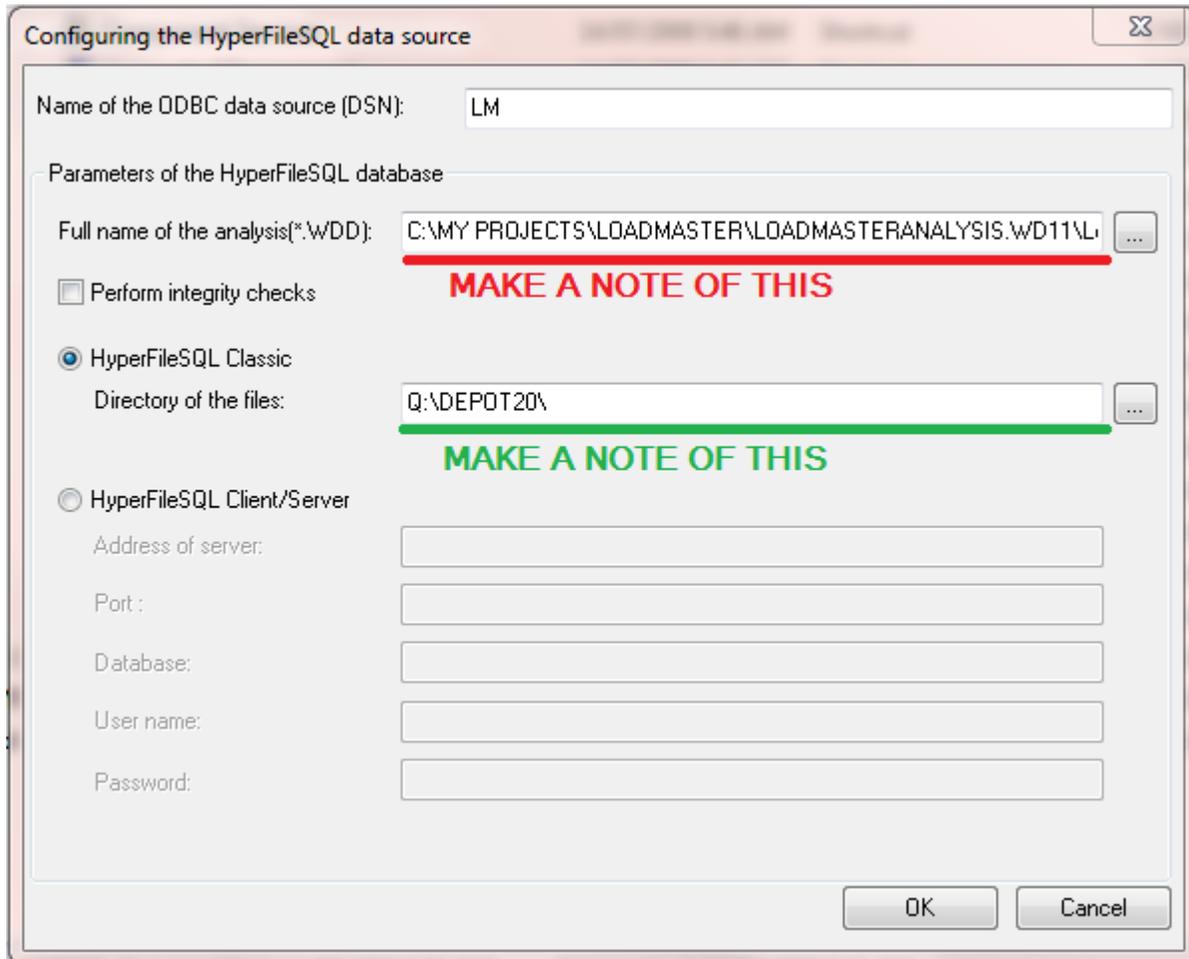
You will see items in here already. Click on System DSN. It may be empty.



If empty click on **Add**. Choose HyperfileSQL. Then set up as below.

Note that the full name of the Analysis will be different. It should be in C:\Program Files\Loadmaster\ or similar. Just choose the file using [...] option. It is the only file with a .WDD extension.

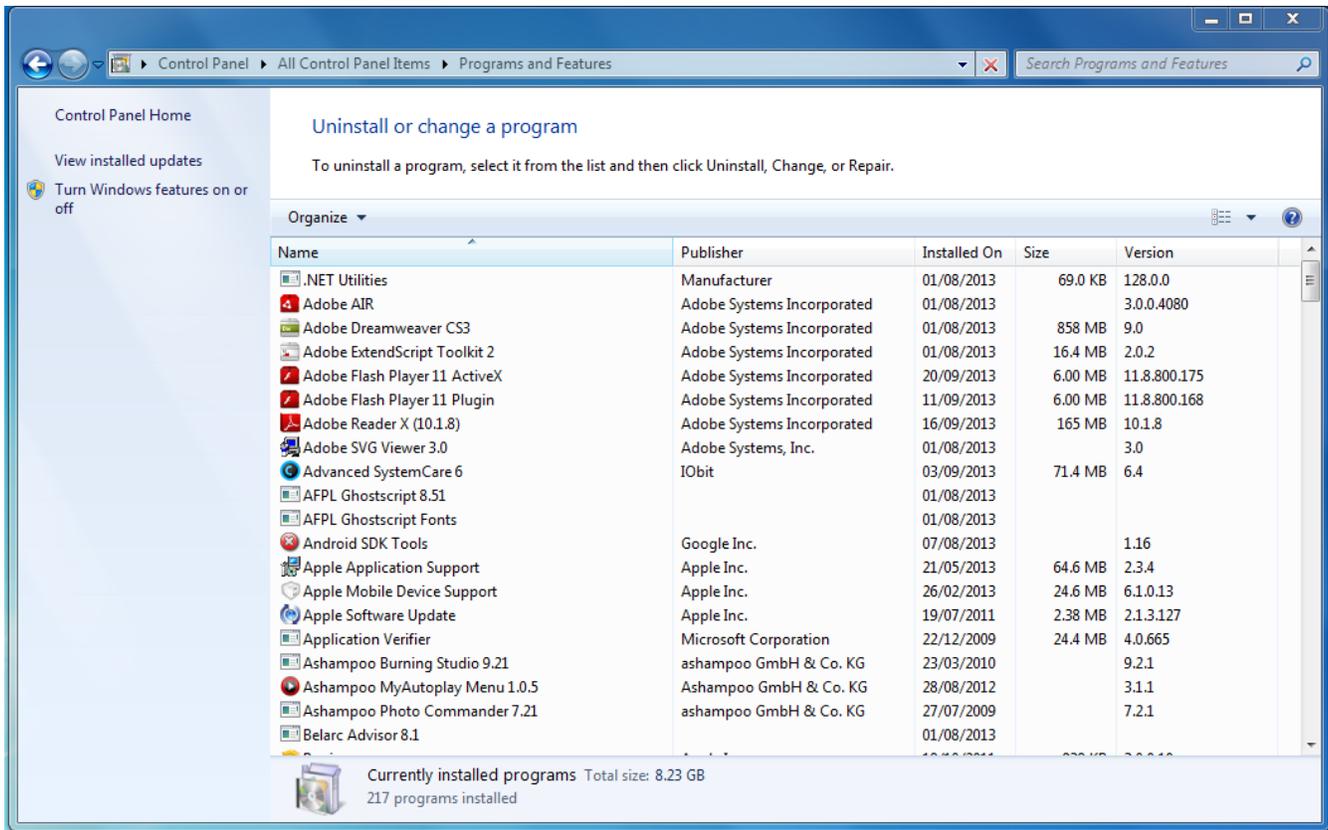
The directory of files will be the data directory on your server. It will appear as the data directory within the local program.



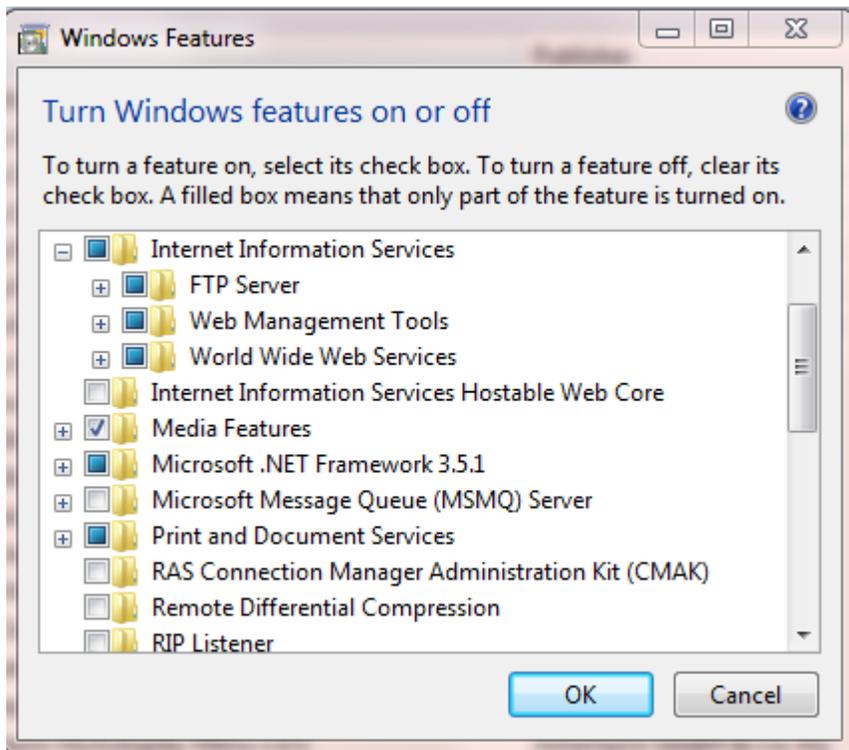
Check that the Analysis line does point to the .WDD file as expected.

Make a note of these values. It will be used later. Using my original example this would be Q:\DEPOT20\

In Control Panel go into the option of Programs and Features.

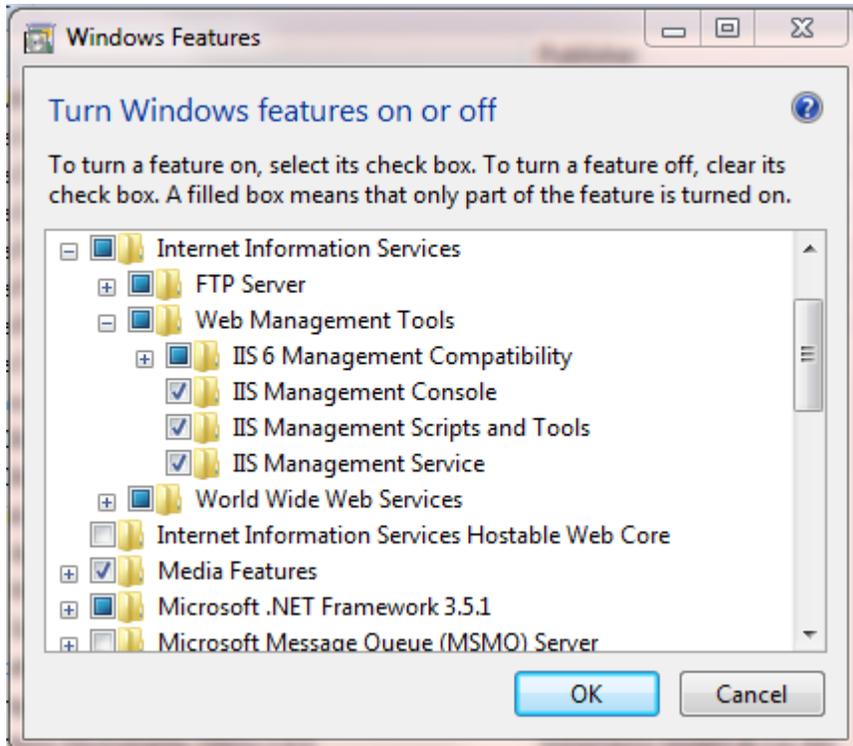


Click on the option of Turn Windows features on or off. Go to Internet Information Services and open the option.

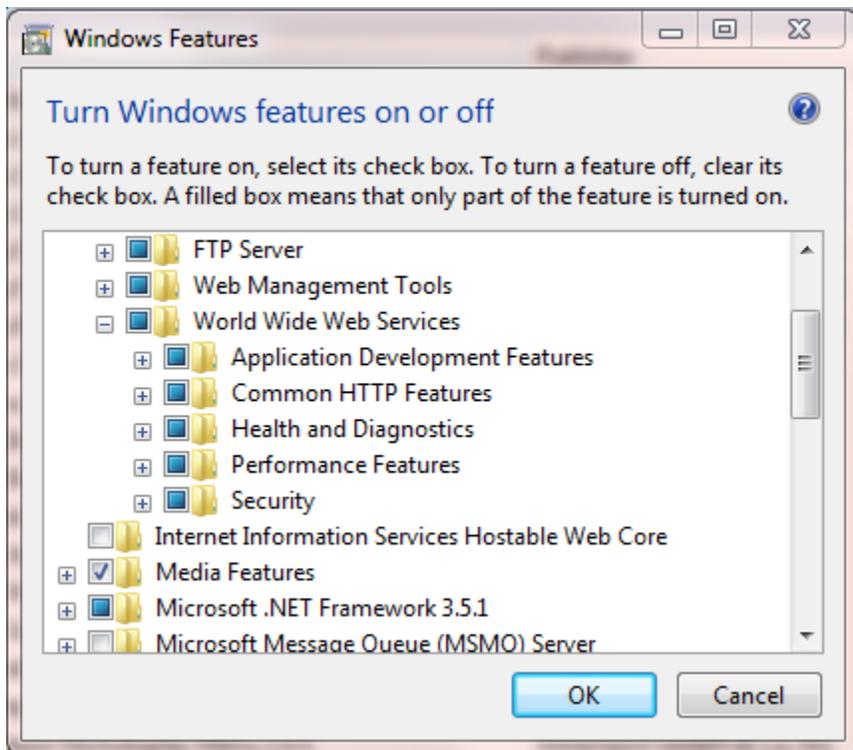


Click on the Management Tools sub-menu.

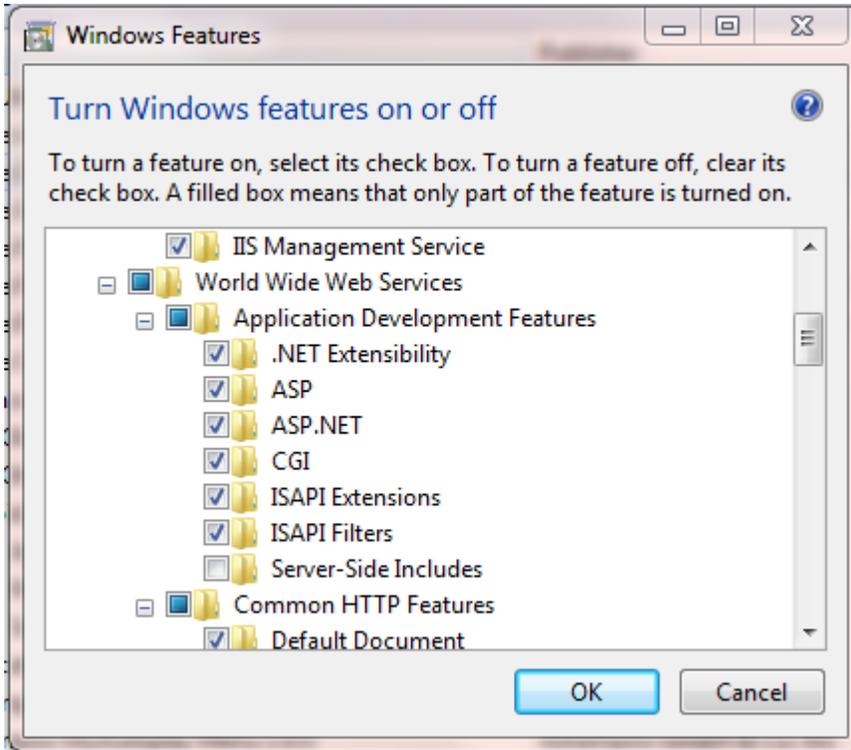
Turn these options ON.



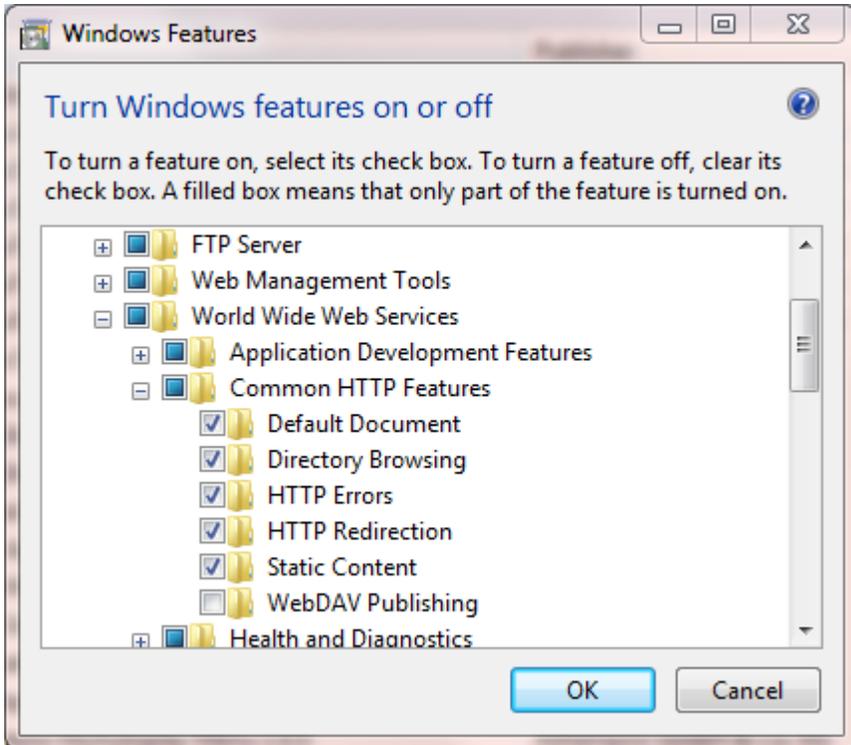
Then into the World Wide Web Services option.



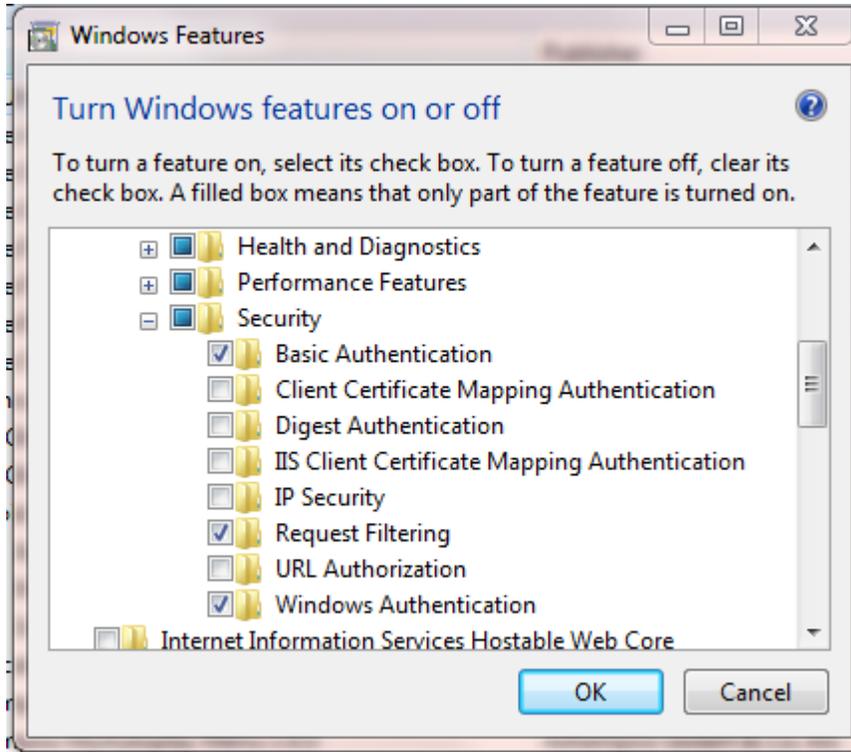
Turn these features ON.



And these.



And these.



Save all.

Now go into Internet Explorer and type 127.0.0.1 on the address line. You should see this -



A working web server!

In Internet Explorer go to <http://php.iis.net/>

Search all of IIS.NET [Sign In](#) | [Join](#)

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PHP on Windows...

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Running PHP on IIS

Increase the performance of PHP applications running on Windows Server with the [Windows Cache Extension for PHP](#)

Improved performance and greater reliability for PHP applications is ensured by the [FastCGI](#) component for IIS 6.0 and IIS 7.0

Enable and manage PHP and FastCGI with [PHP Manager for IIS7](#)

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File APIs

Convert Print Create Modify & Combine Files from your Code

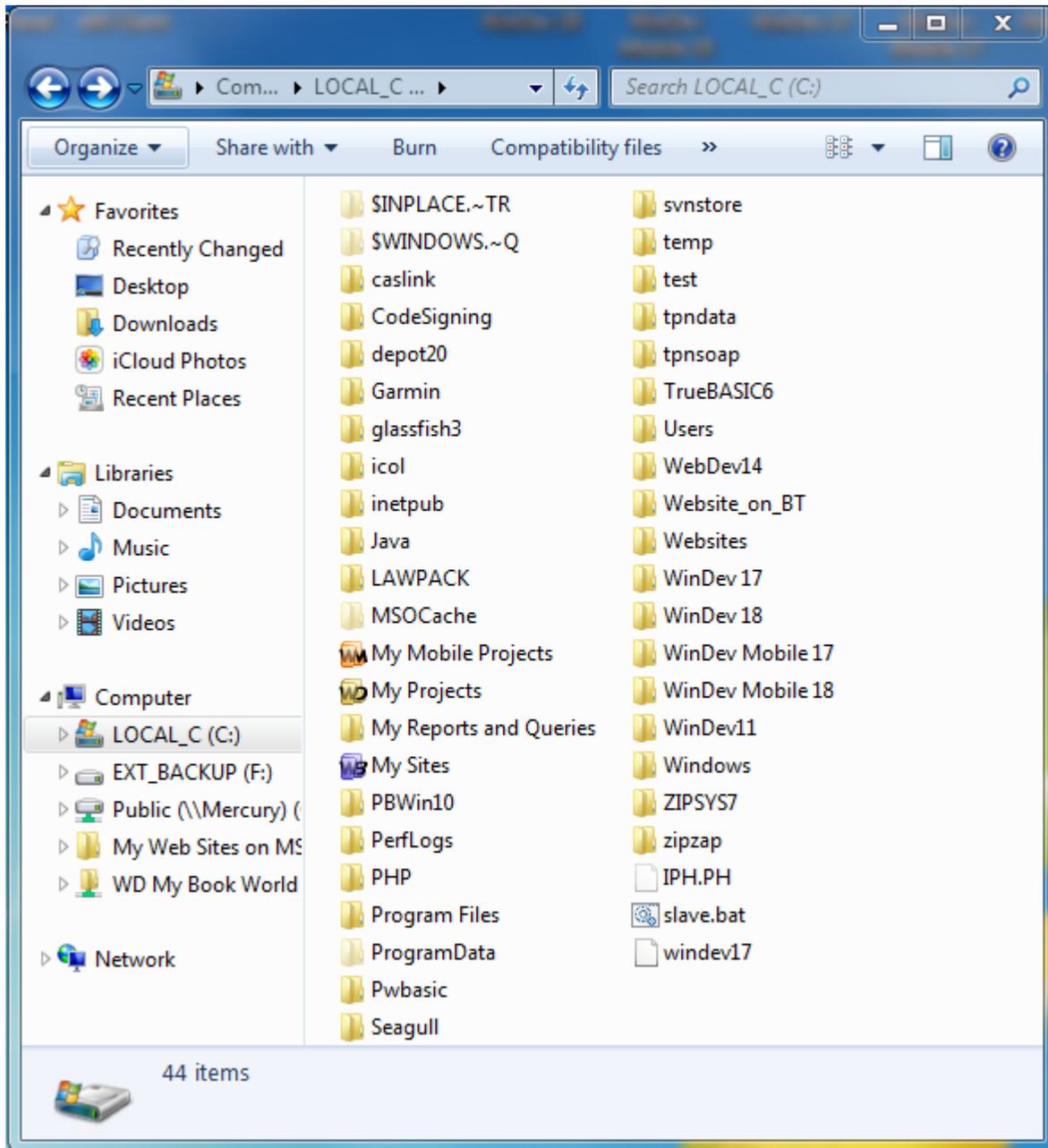
[DOC](#) [PPT](#) [XLS](#) [PDF](#) [MSG](#)

ASPOSE
Your File Format Experts

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Click on the Install PHP Now button. Let this load. Go into Explorer and click on local disk C:

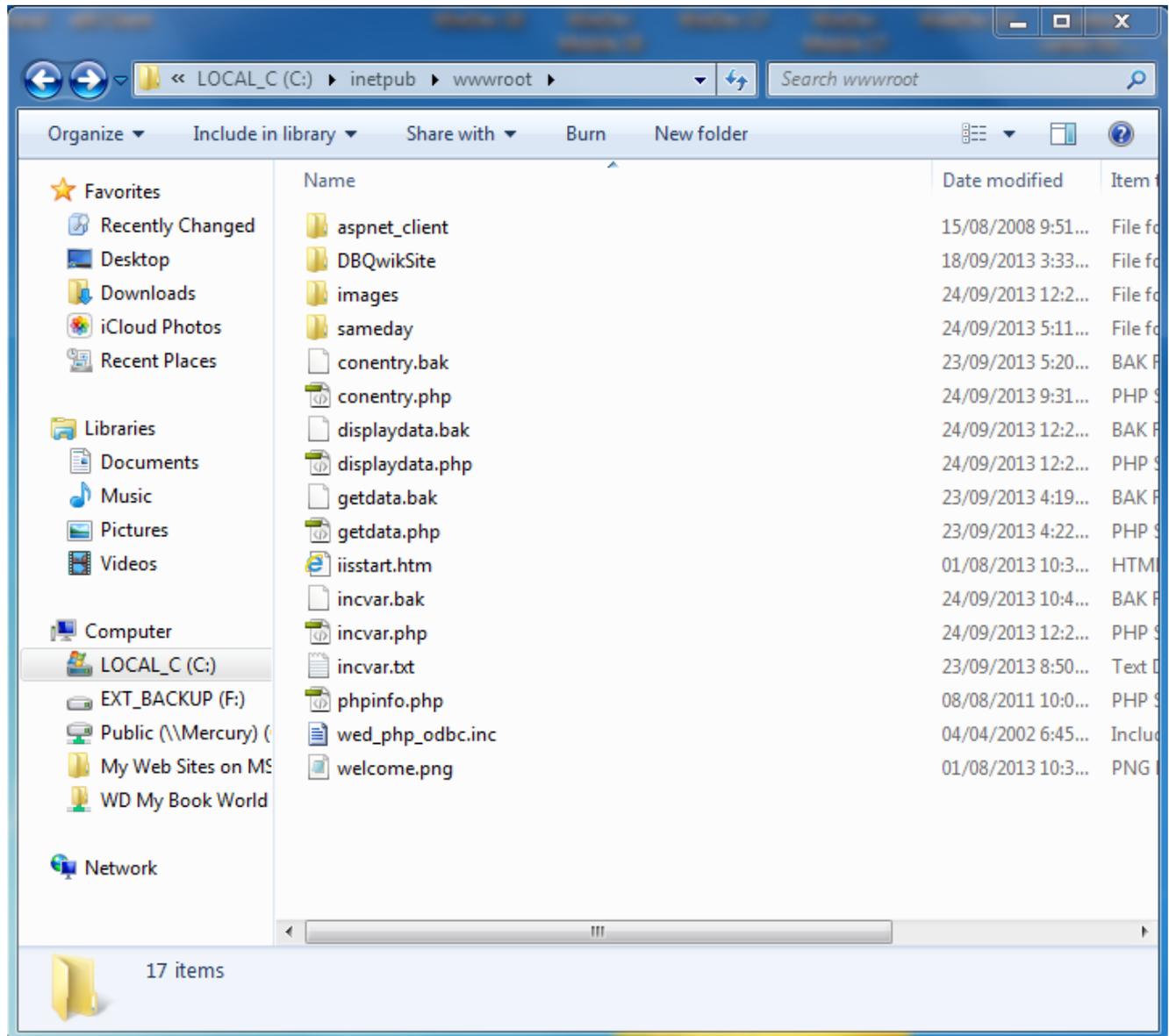
You should see something like this -



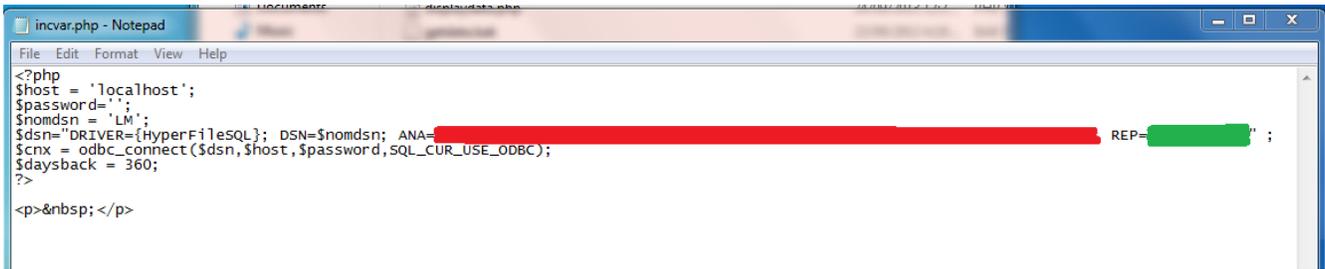
Click on Inetpub and then wwwroot

Copy the files we sent into this location.

This will be similar (but not the same) as this -

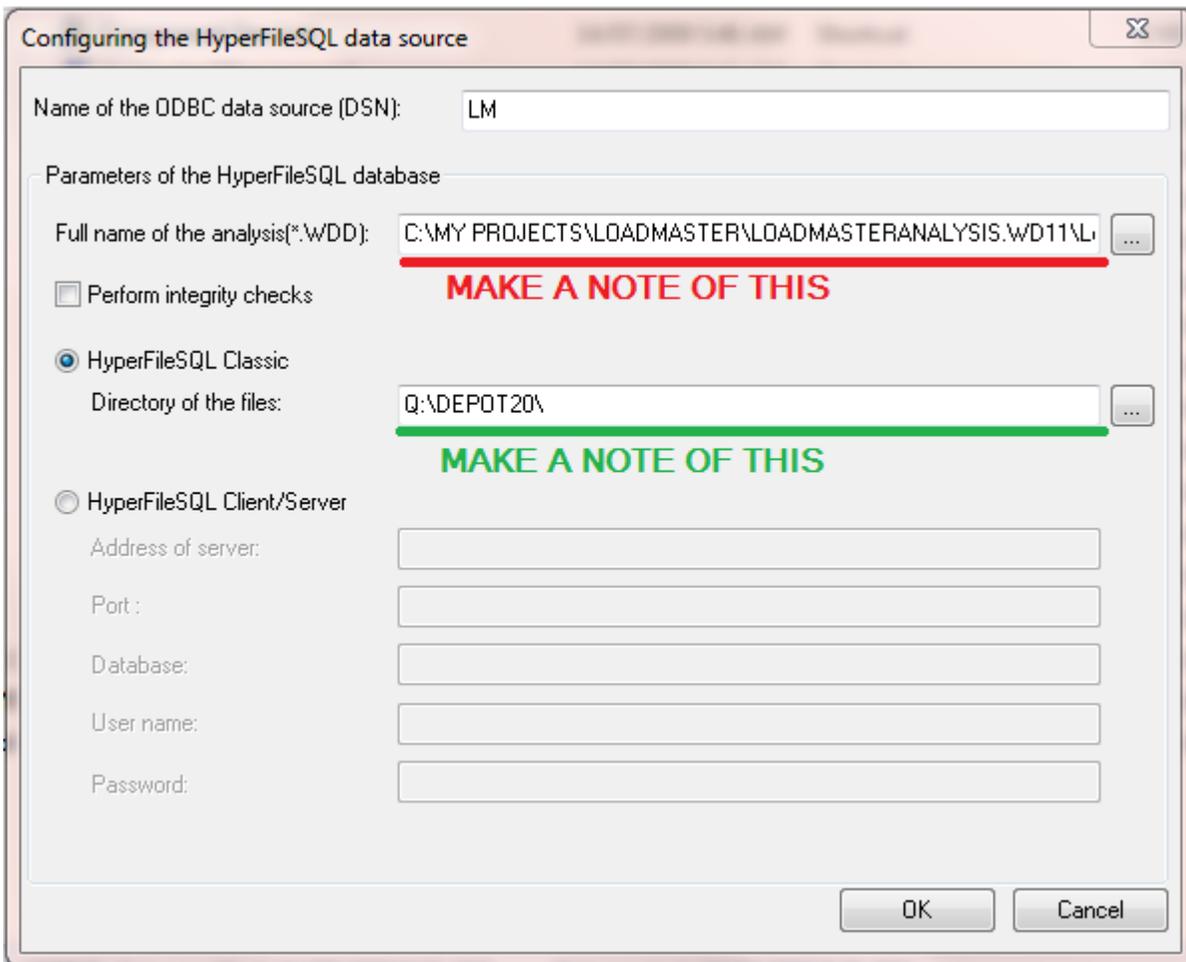


Right-click incvar.php and open in Notepad (choose ALL FILES). You may need to run Notepad as ADMINISTRATOR if you cannot save the values.



```
incvar.php - Notepad
File Edit Format View Help
<?php
$host = 'localhost';
$password='';
$nomdsn = 'LM';
$dsn="{DRIVER={HyperFileSQL}; DSN=$nomdsn; ANA= [REDACTED] REP= [GREEN]";
$cnx = odbc_connect($dsn,$host,$password,SQL_CUR_USE_ODBC);
$daysback = 360;
?>
<p>&nbsp;</p>
```

Amend the values shown in red and green to those from the ODBC connection.



Save.

Note: If you are using a 'mapped' drive then you should use the URN rather than the mapped drive letter in the ODBC and the REP line in incvar.php

To explain further. Consider that I have a NAS drive \\IX2-200-TI8MYF\Backups which is mapped as a T: drive

In Directory of files in ODBC instead of T:\DEPOT20\ I now use the full URN of \\IX2-200-TI8MYF\Backups\DEPOT20 and very importantly in incvar.php instead of REP=T:\DEPOT20 I use REP=\\\\IX2-200-TI8MYF\Backups\DEPOT20

Please note the four ||| and not 2 || . This is because PHP considers || to be \.

Go into Internet Explorer and type 127.0.0.1/phpinfo.php on the address line. You should see a screen full of information and not an error.

In Loadmaster pick an account and go into setup/accounts. Go to the web tab. Enter a unique username and password.

Go into Internet Explorer and type 127.0.0.1/getdata.php and you should get a screen asking for a username and password. Enter those you created and click on the Access button. You should now see the data from your program.

To get this visible to the outside world you need -

1. either need a fixed IP address or a dynamically assigned address using something like dyndns (so you end up with something like mysite.dyndns.org that goes directly to the web server).
2. on your router fix the internal IP address of the web server e.g. 192.168.1.10
3. on your router allow inbound data on Port 80 to be redirect to the web server computer
4. on your external web site place a link for your customers to the web server

Web pages supplied -

getdata.php
displaydata.php
incvar.php
phpinfo.php

For security we recommend that you have an index.htm page which jumps back to your external web site.