

PHP Installation on Windows

Installation Guide

edureka!

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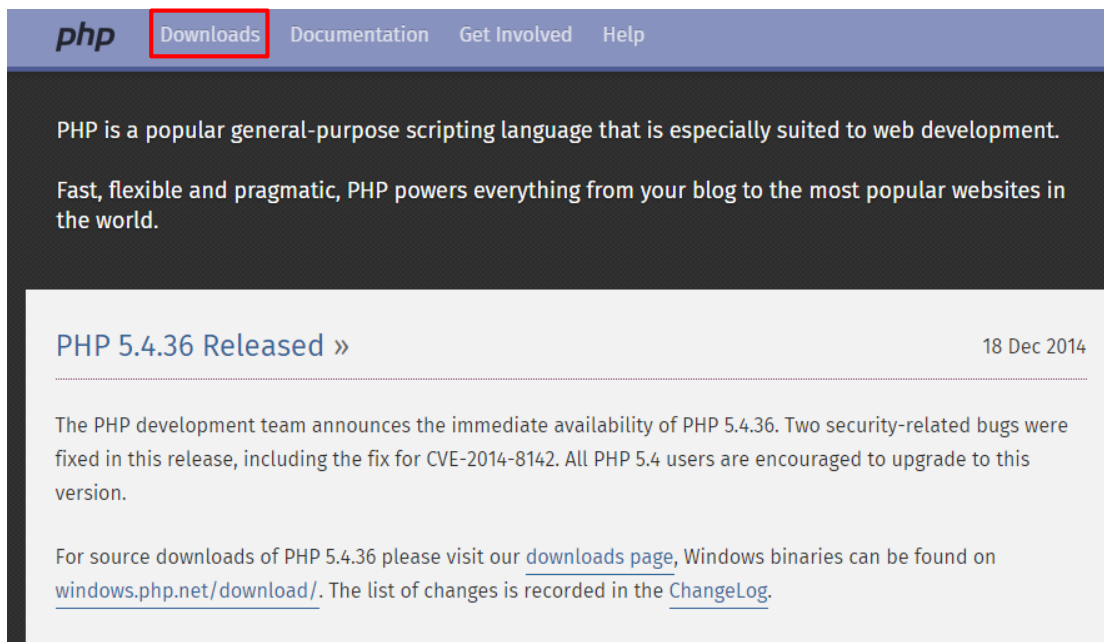
Prerequisites:

→ You must have Apache24 installed and running on your system

PHP Installation:

Step 1:

Go to php.net in your web browser and click on downloads link



Step 2:

Download the current version of the binary files by clicking on “Windows Downloads”



Step 3:

Download the “Zip” file from the VC11 x86 Thread Safe section and save it to your desktop

PHP 5.6 (5.6.4)

[Download source code](#) [23.02MB]

VC11 x86 Non Thread Safe (2014-Dec-18 00:06:50)

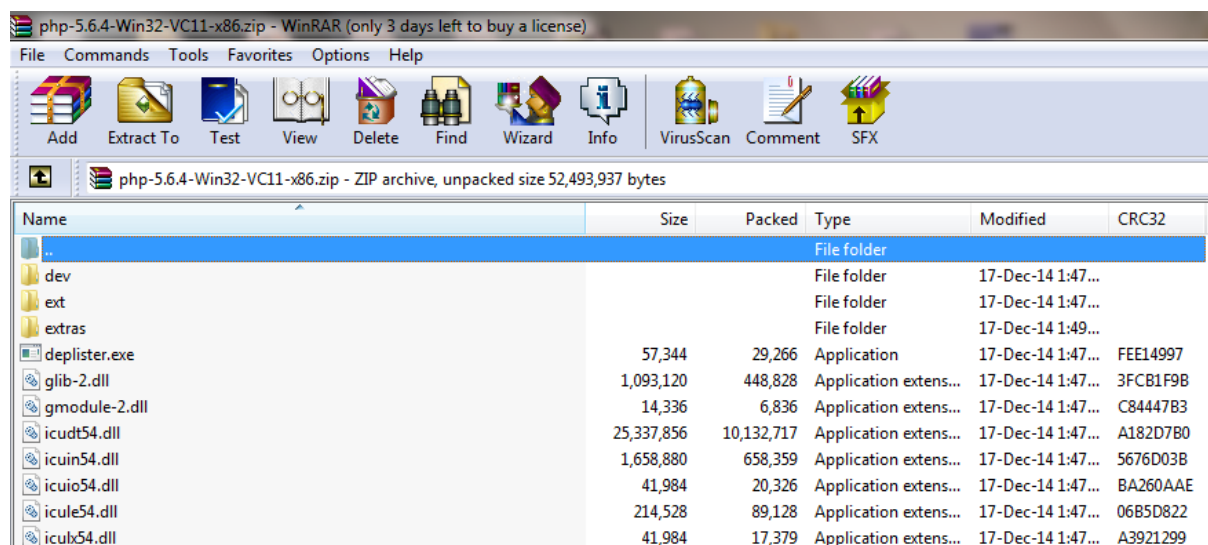
- [Zip](#) [19.97MB]
sha1: af5e26f5339ba8fd7fcc8575c9dcf0fb4e812a9c
- [Debug Pack](#) [9.52MB]
sha1: a65ae9bc39a1fce1761455668a7c5b136ad9d79d

VC11 x86 Thread Safe (2014-Dec-18 00:01:59)

- [Zip](#) [20.06MB]
sha1: 3c72be4d02990a15e55a648acc9f89540cadeba6
- [Debug Pack](#) [9.71MB]
sha1: 1a662bfa8b628e45b4e2d6d02ff453e00c2a30ee

Step 4:

When you double click on it, you see the below window open:















Step 5:

In the C drive, create a folder named PHP








All the uncompressed files stored in the zipped PHP file on the desktop folder must be selected and extracted to the PHP folder in the C drive

Now in the C drive, click on the PHP folder and locate the php.ini-development file.

 php.ini-development	17-Dec-14 1:47 PM	INI-DEVELOPMENT File	73 KB
 php.ini-production	17-Dec-14 1:47 PM	INI-PRODUCTION File	73 KB
 php5apache2_4.dll	17-Dec-14 1:47 PM	Application extension	26 KB
 php5embed.lib	17-Dec-14 1:47 PM	LIB File	842 KB
 php5phpdbg.dll	17-Dec-14 1:47 PM	Application extension	142 KB
 php5ts.dll	17-Dec-14 1:47 PM	Application extension	6,402 KB
 php-cgi.exe	17-Dec-14 1:47 PM	Application	48 KB
 phpdbg.exe	17-Dec-14 1:47 PM	Application	152 KB
 php-win.exe	17-Dec-14 1:47 PM	Application	27 KB
 readme-redist-bins.txt	17-Dec-14 1:47 PM	Text Document	21 KB
 snapshot.txt	17-Dec-14 1:47 PM	Text Document	4 KB
 ssleay32.dll	17-Dec-14 1:47 PM	Application extension	265 KB

Step 6:

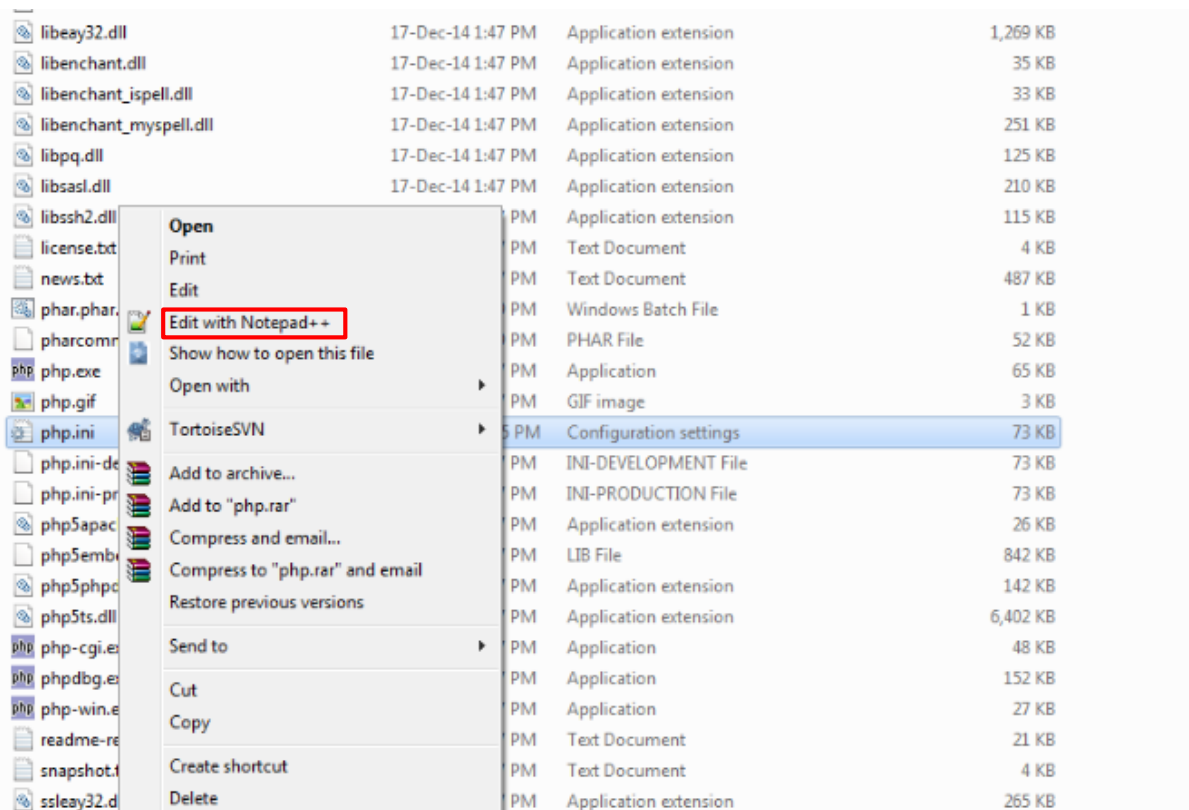
Copy this file and paste it to the same directory and rename it to php.ini

 php.ini	16-Jan-15 12:15 PM	Configuration settings	73 KB
 php.ini-development	17-Dec-14 1:47 PM	INI-DEVELOPMENT File	73 KB
 php.ini-production	17-Dec-14 1:47 PM	INI-PRODUCTION File	73 KB
 php5apache2_4.dll	17-Dec-14 1:47 PM	Application extension	26 KB
 php5embed.lib	17-Dec-14 1:47 PM	LIB File	842 KB
 php5phpdbg.dll	17-Dec-14 1:47 PM	Application extension	142 KB
 php5ts.dll	17-Dec-14 1:47 PM	Application extension	6,402 KB

It will give you a warning, and click on “Yes”.

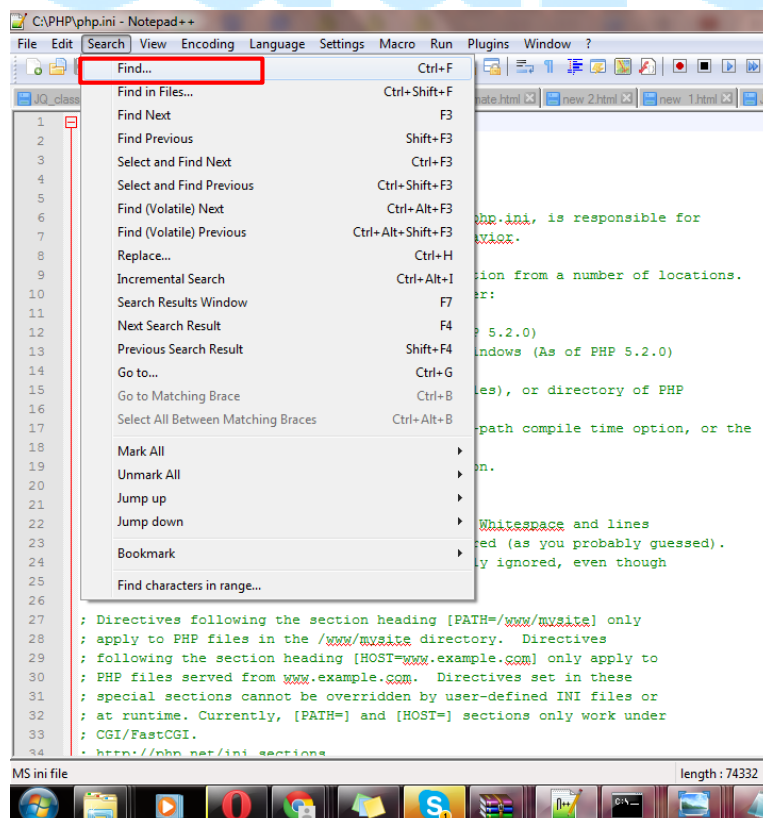
Step 7:

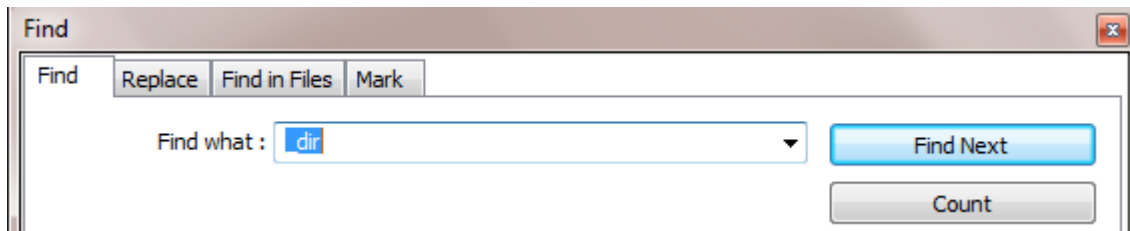
Right click and open this file in your favourite text editor.



Step 8:

Here find the word `_dir` using the “find” dialogbox from the search tab





Step 9:

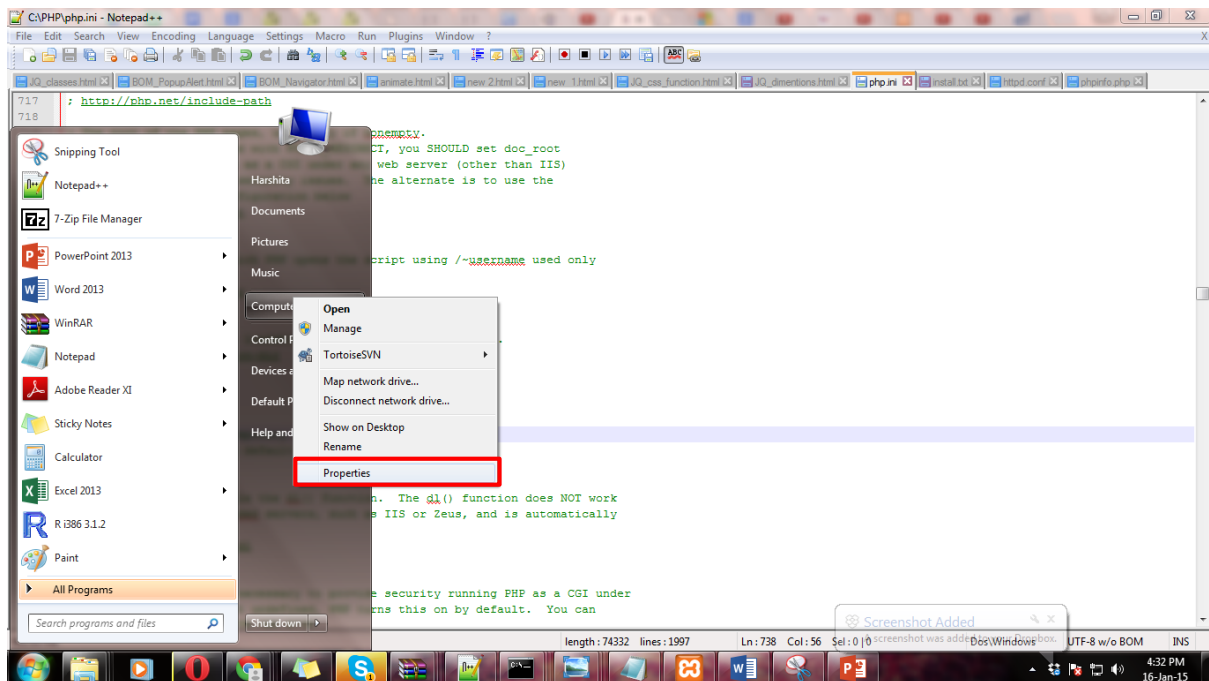
```
user_dir =  
  
; Directory in which the loadable extensions (modules) reside.  
; http://php.net/extension-dir  
; extension_dir = "./"  
; On windows:  
extension_dir = "ext"
```

Below the user_dir section is an extension of directory directive. They have one for unix, one for windows. Locate the line `extension_dir="ext"` and remove the semicolon (;) at the beginning to make that statement active.

Save this file.

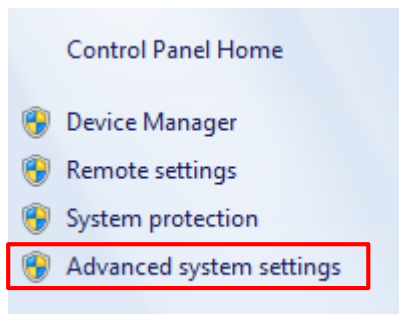
Step 10:

Now to make PHP accessible, go to the start menu, locate Computer. Right click and choose the "Properties".

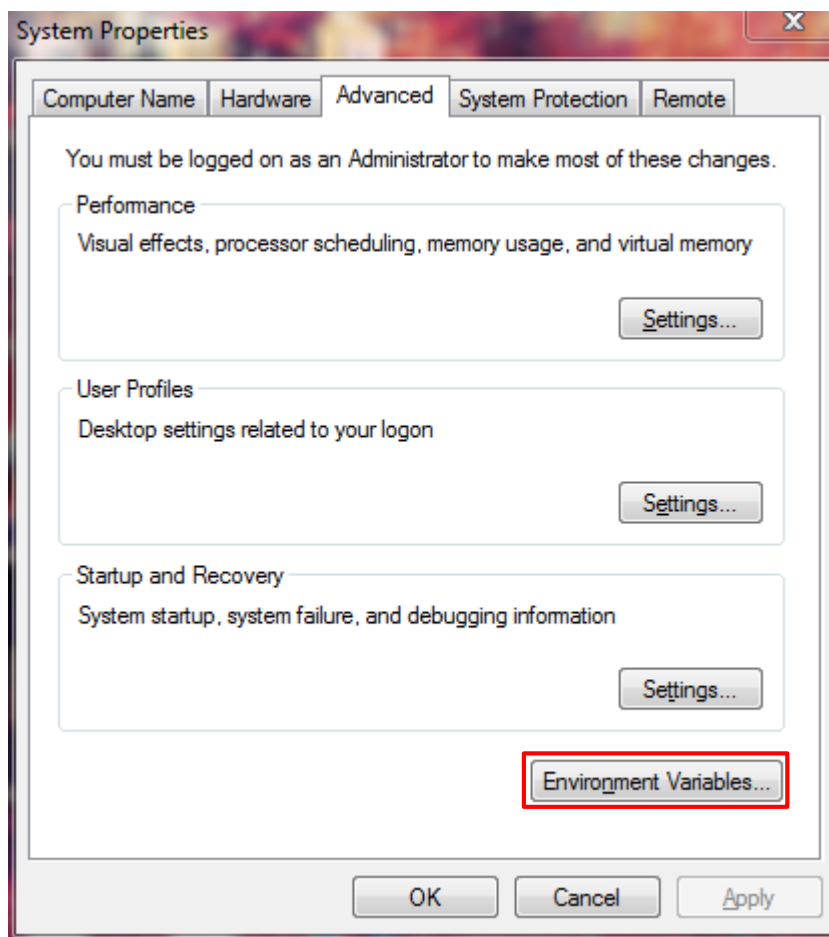


Step 11:

Here click on the “Advanced System Settings”.

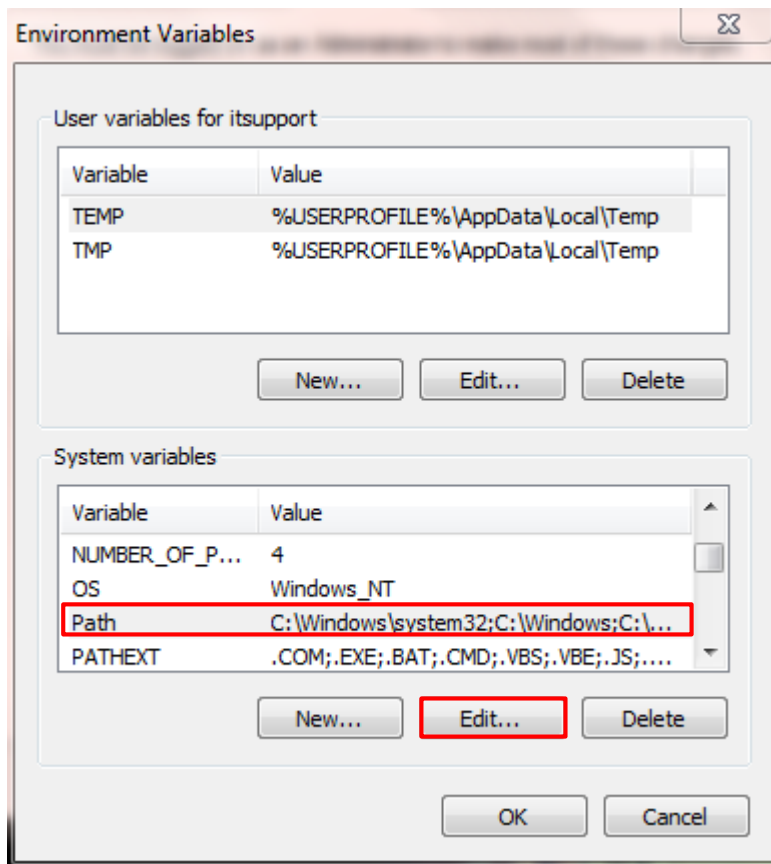
**Step 12:**

Click on the “Environment Variable” button.

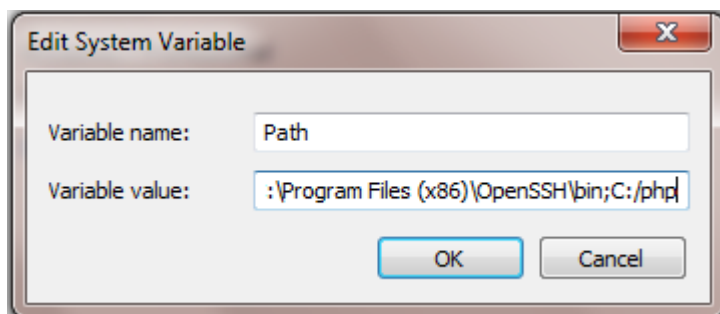


Step 13:

In the System Variable section, locate the line that says “path”. Click on “Edit”

**Step 14:**

Go to the end of the Variable Value field. If a semicolon is not at the end of the line, add one and type C:\php

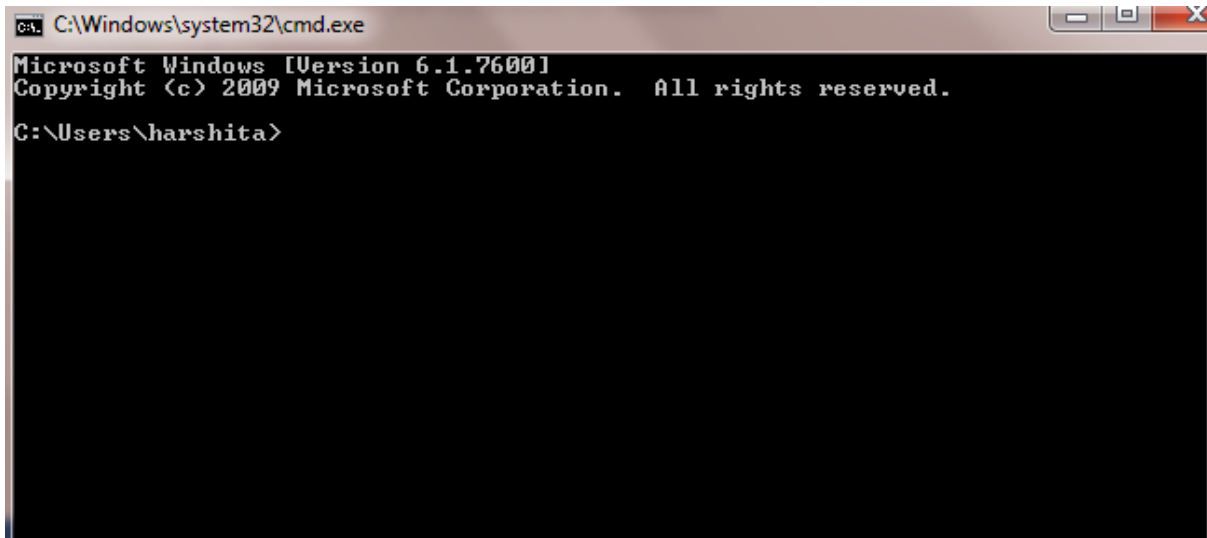


Click OK, Click OK again. Finally click OK one more time on the System Properties window.

Step 15:

Now open the command line window by going to Start and typing in `cmd` and then press enter.

You will find the below command prompt opened

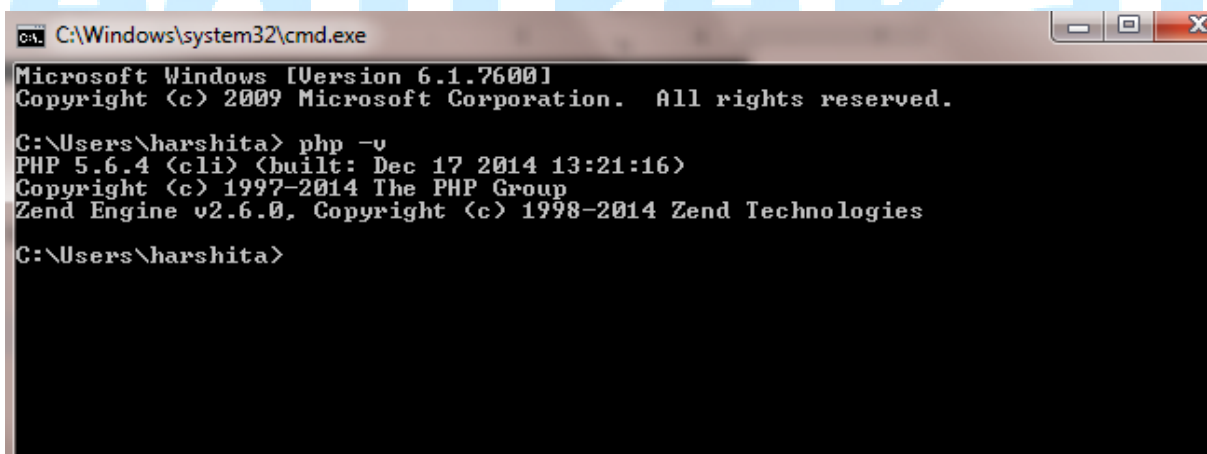


```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\harshita>
```

Step 16:

Now type `php -v` in the command line and execute. You will find the below result:



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

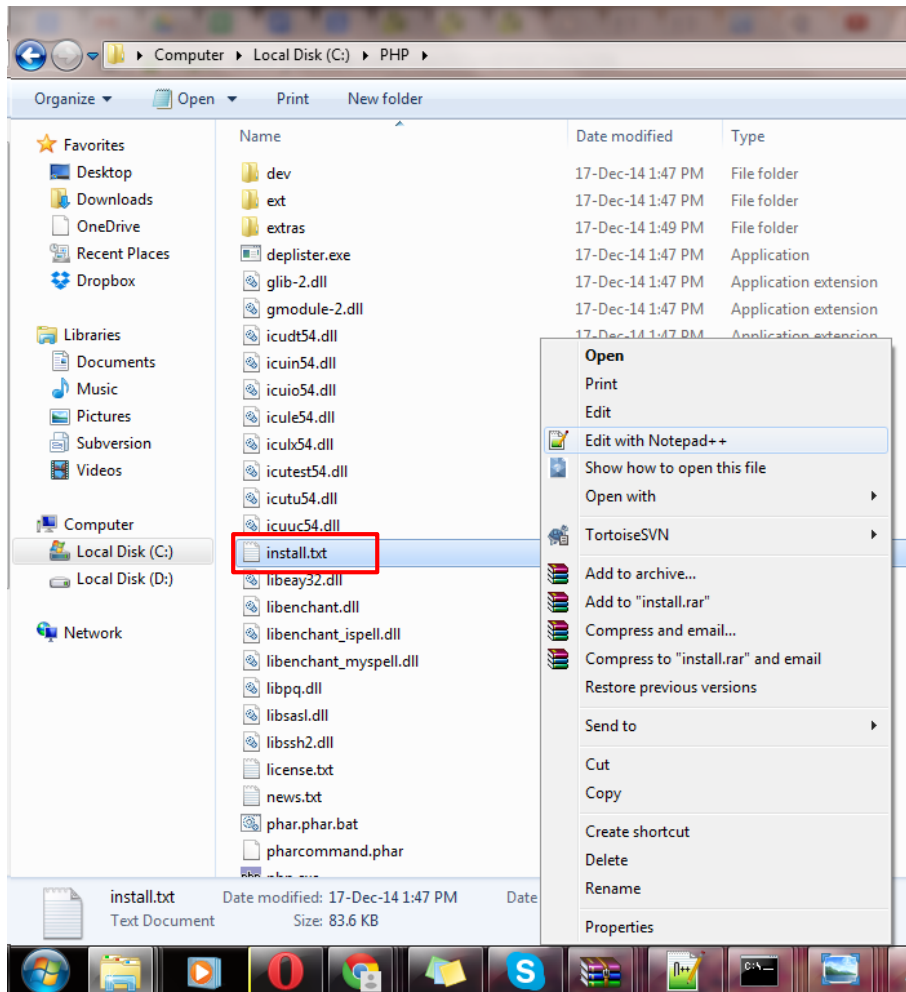
C:\Users\harshita> php -v
PHP 5.6.4 (cli) (built: Dec 17 2014 13:21:16)
Copyright (c) 1997-2014 The PHP Group
Zend Engine v2.6.0, Copyright (c) 1998-2014 Zend Technologies

C:\Users\harshita>
```

The above snapshot tells us that we are running PHP 5.6.4 and this is the command line version.

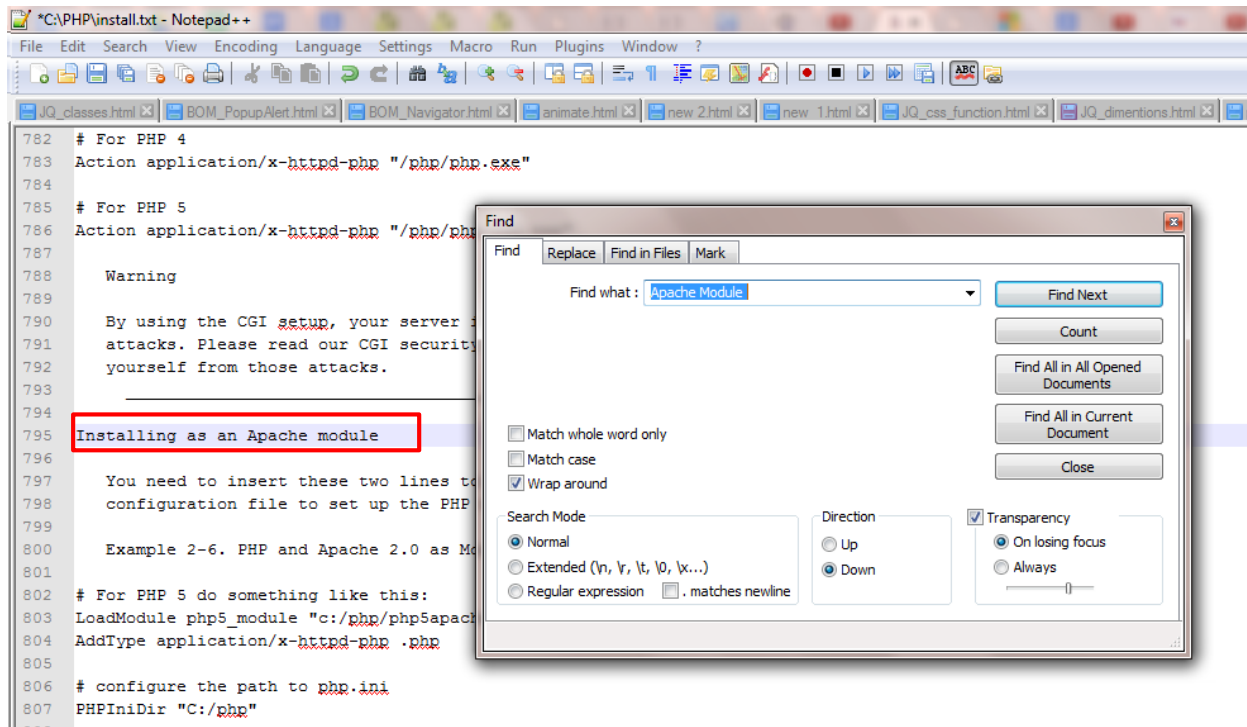
Step 17:

Now in the PHP directory, there is a install.txt file. Right click on that and open it in a text editor.



Step 18:

Here find the word **Apache Module** using the “find” dialogbox from the search tab

**Step 19:**

Now locate the lines that say `LoadModule php5_module` and copy the lines shown in the snapshot.

Installing as an Apache module

You need to insert these two lines to your Apache `httpd.conf` configuration file to set up the PHP module for Apache 2.0:

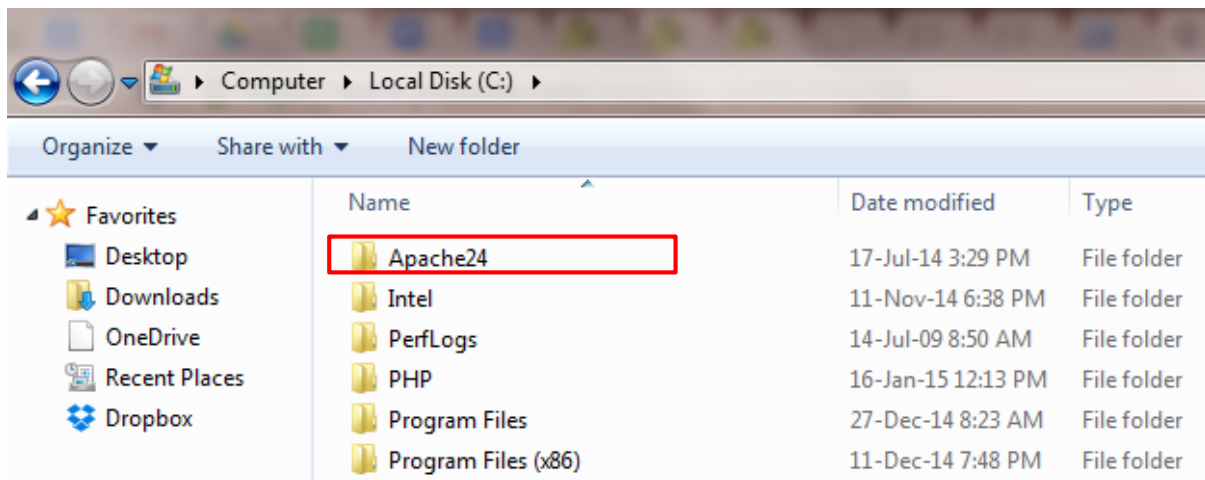
Example 2-6. PHP and Apache 2.0 as Module

```
# For PHP 5 do something like this:
LoadModule php5_module "c:/php/php5apache2.dll"
AddType application/x-httpd-php .php

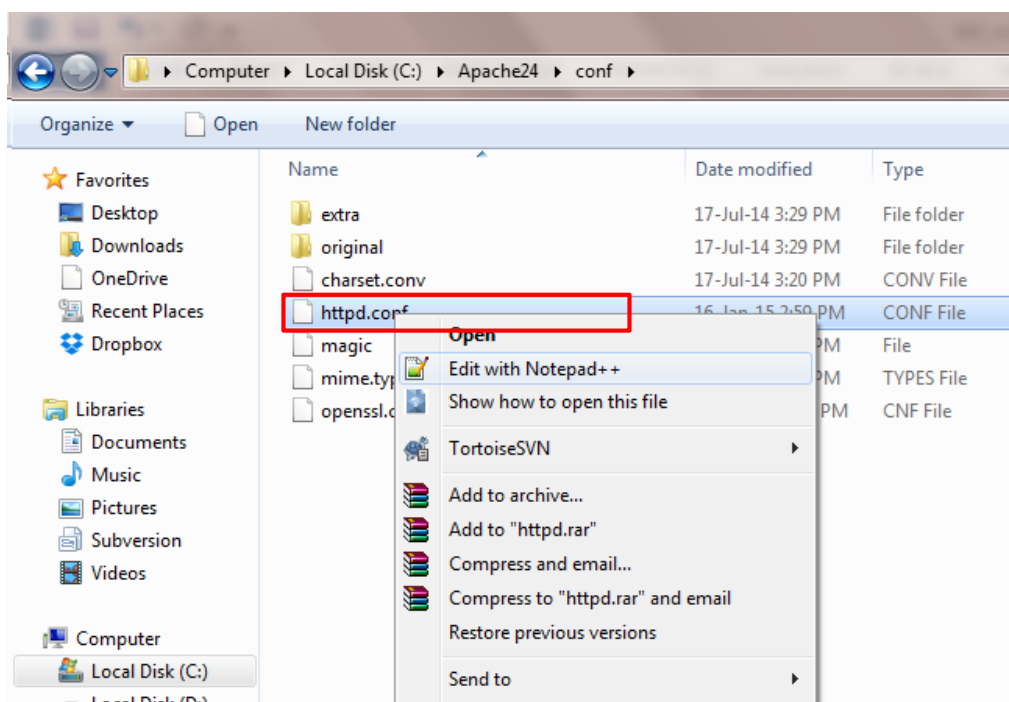
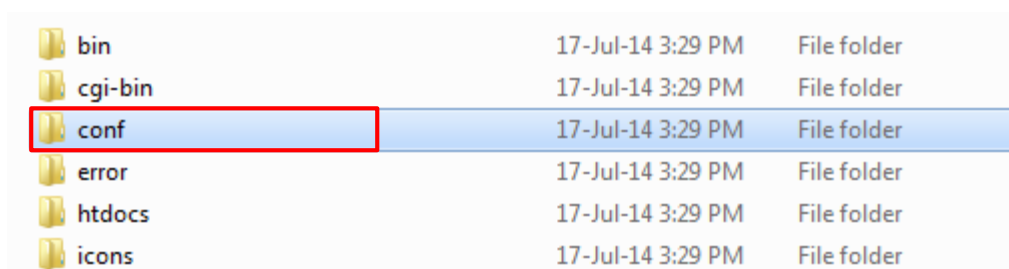
# configure the path to php.ini
PHPIniDir "C:/php"
```

Step 20:

Browse to Apache 2.4 directory where you have installed Apache24.

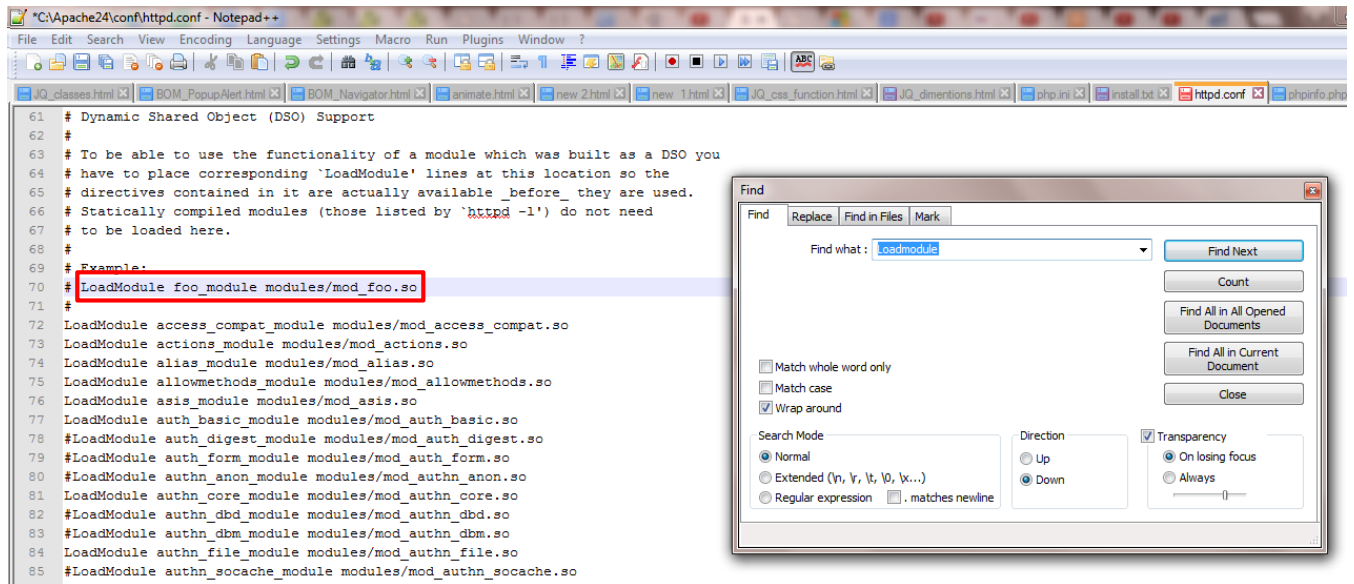
**Step 21:**

Click on the conf folder and edit the httpd.conf file by opening it in your text editor



Step 22:

Here find the word **LoadModule** using the “find” dialogbox from the search tab

**Step 23:**

At the end of the LoadModule section, paste the contents telling it to load the PHP5 module

```

#LoadModule usertrack_module modules/mod_usertrack.so
#LoadModule version_module modules/mod_version.so
#LoadModule vhost_alias_module modules/mod_vhost_alias.so
#LoadModule watchdog_module modules/mod_watchdog.so
#LoadModule xml2enc_module modules/mod_xml2enc.so

```

```

# For PHP 5 do something like this:
LoadModule php5_module "c:/php/php5apache2.dll"
AddType application/x-httpd-php .php








# configure the path to php.ini
PHPIniDir "C:/php"

```

This is the reference to where the php.ini file is located at. The one small problem is that the php5apache2.dll does not exist

Step 24:

Hence, go to the PHP folder, it is actually called php5apache2_4.dll

	php.ini	16-Jan-15 4:32 PM	Configuration settings	73 KB
	php.ini-development	17-Dec-14 1:47 PM	INI-DEVELOPMENT File	73 KB
	php.ini-production	17-Dec-14 1:47 PM	INI-PRODUCTION File	73 KB
	php5apache2_4.dll	17-Dec-14 1:47 PM	Application extension	26 KB
	php5embed.lib	17-Dec-14 1:47 PM	LIB File	842 KB
	php5phpdbg.dll	17-Dec-14 1:47 PM	Application extension	142 KB
	php5ts.dll	17-Dec-14 1:47 PM	Application extension	6,402 KB

Step 25:

Now go back to the web server configuration, and change the file name to php5apache2_4.dll as shown:

```
#LoadModule usertrack_module modules/mod_usertrack.so
#LoadModule version_module modules/mod_version.so
#LoadModule vhost_alias_module modules/mod_vhost_alias.so
#LoadModule watchdog_module modules/mod_watchdog.so
#LoadModule xml2enc_module modules/mod_xml2enc.so

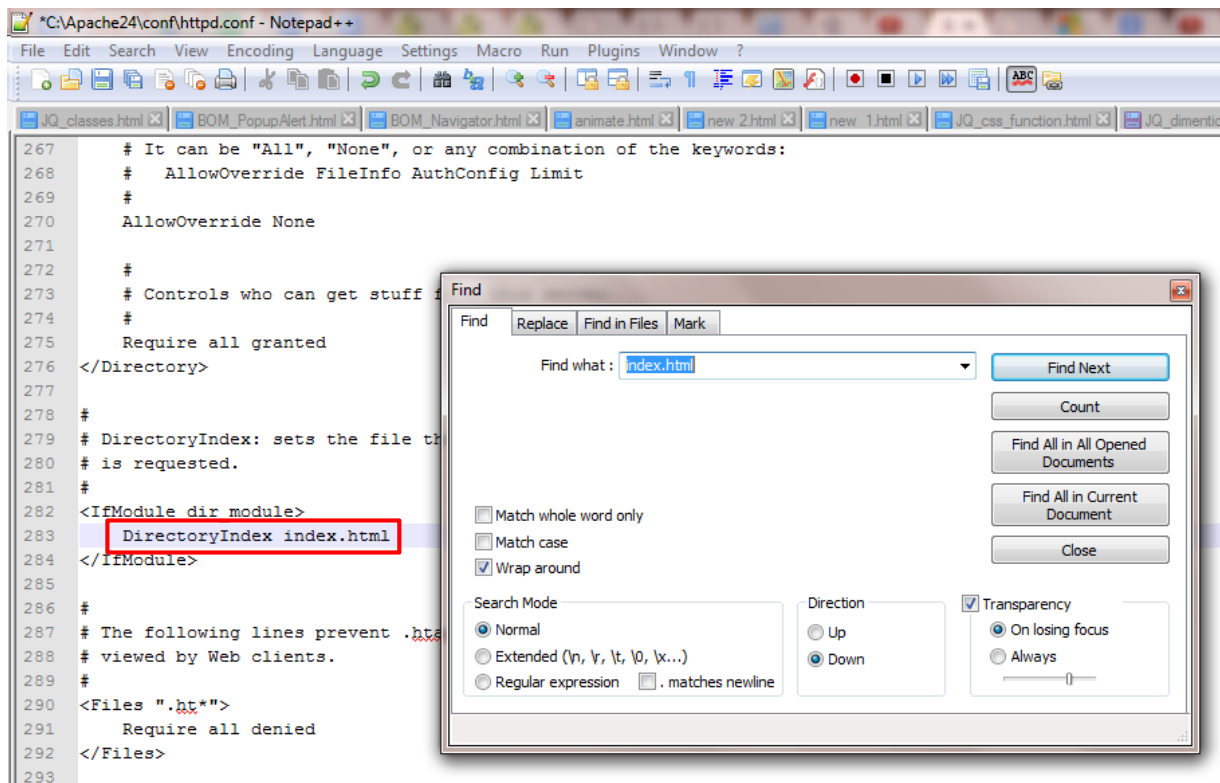
# For PHP 5 do something like this:
LoadModule php5_module "c:/php/php5apache2_4.dll"
AddType application/x-httpd-php .php

# configure the path to php.ini
PHPIniDir "C:/php"
```



Step 26:

Now in the same, Apache web server configuration file, do another search for index.html

**Step 27:**

At the end of the DirectoryIndex, add a space and type index.php.

```
#
# DirectoryIndex: sets the file that Apache will serve if a directory
# is requested.
#
<IfModule dir_module>
  DirectoryIndex index.html index.php
</IfModule>
```

Now save the Apache web server configuration file

Atlast, run your Apache Monitor and start executing your php files by typing [http://localhost/\(filepath\)](http://localhost/(filepath)) in your web browser.