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# PHP installation and setup

## Configuring PHP along with Apache HTTP server on Windows

### PHP 7.3.6, Apache 2.4, Windows 10 64 bit

|  |  |
| --- | --- |
| Please note that you need to have the correct version of MS VC++ redistributables . This needs to be downloaded and installed |  |
| Use [www.ApacheLounge.com](http://www.ApacheLounge.com) for downloading the correct build for Apache 2.x version |  |
| <https://windows.php.net/download/>  Download the thread safe version |  |
| Check the existence of “php7apache2\_4.dll” in the PHP root folder | Ensure that the PHP build that has been downloaded contains this DLL.  This DLL can be downloaded separately, but avoid this approach. |
| Configure http.conf to ensure that Apache can “talk” to PHP | # Setting up Apache for PHP  # This is machine/environment specific  # Paths will change depending upon each setup  PHPIniDir "D:/software-home/PHP7.3.6"  LoadModule php7\_module "d:/software-home/PHP7.3.6/php7apache2\_4.dll"  # 24-06-2019 Added by Sanjiv  AddType application/x-httpd-php .php |
| Testing that Apache loads PHP files | In the htdocs folder  Create a file (.php file extension) with the following  <?php  phpinfo();  ?>  [http://localhost:80/<php](http://localhost:80/%3cphp)file> |
| Last but not the least | Always install PHP with apache as PHP is primarily meant for web apps |

## Configuring PHP along with Apache HTTP server on LINUX

# Package / Dependency management in PHP

## Composer

|  |  |
| --- | --- |
|  | composer create-project --prefer-dist laravel/laravel legito   * This does loads of stuff, worth investigating |

# Committing PHP projects to a GIT repository

|  |  |
| --- | --- |
| Sample .gitignore file |  |
|  |  |

# Deploying PHP projects on Apache HTTP server

# Debugging in PHP