

How to install a PHP version picker on ClearOS

The information is no longer updated. It may still be valid, or not. Anything relevant should be moved to the appropriate site. For anything related to ClearOS, please search among the following: [ClearOS site](#), [code base](#), [Developer docs](#), [Wiki](#) or [forum](#).

Please [contact](#) us if you would like to help out.

ClearOS by default ships with an old version (5.4) of PHP. This app permits to use PHP 5.6, 7.0 and 7.1 from [Software Collections](#) (and later 7.2 for developers from [Remi's RPM repository](#)) by taking advantage of PHP's FastCGI Process Manager (FPM)

Status as of 2019-04-24: Added PHP 7.2 support:
<http://koji.clearos.com/koji/packageinfo?packageID=332>

Status as of 2018-02-28: Officially announced:
<https://www.clearcenter.com/blogs/timeline/php-engines-app-now-live-in-the-clearos-marketplace>

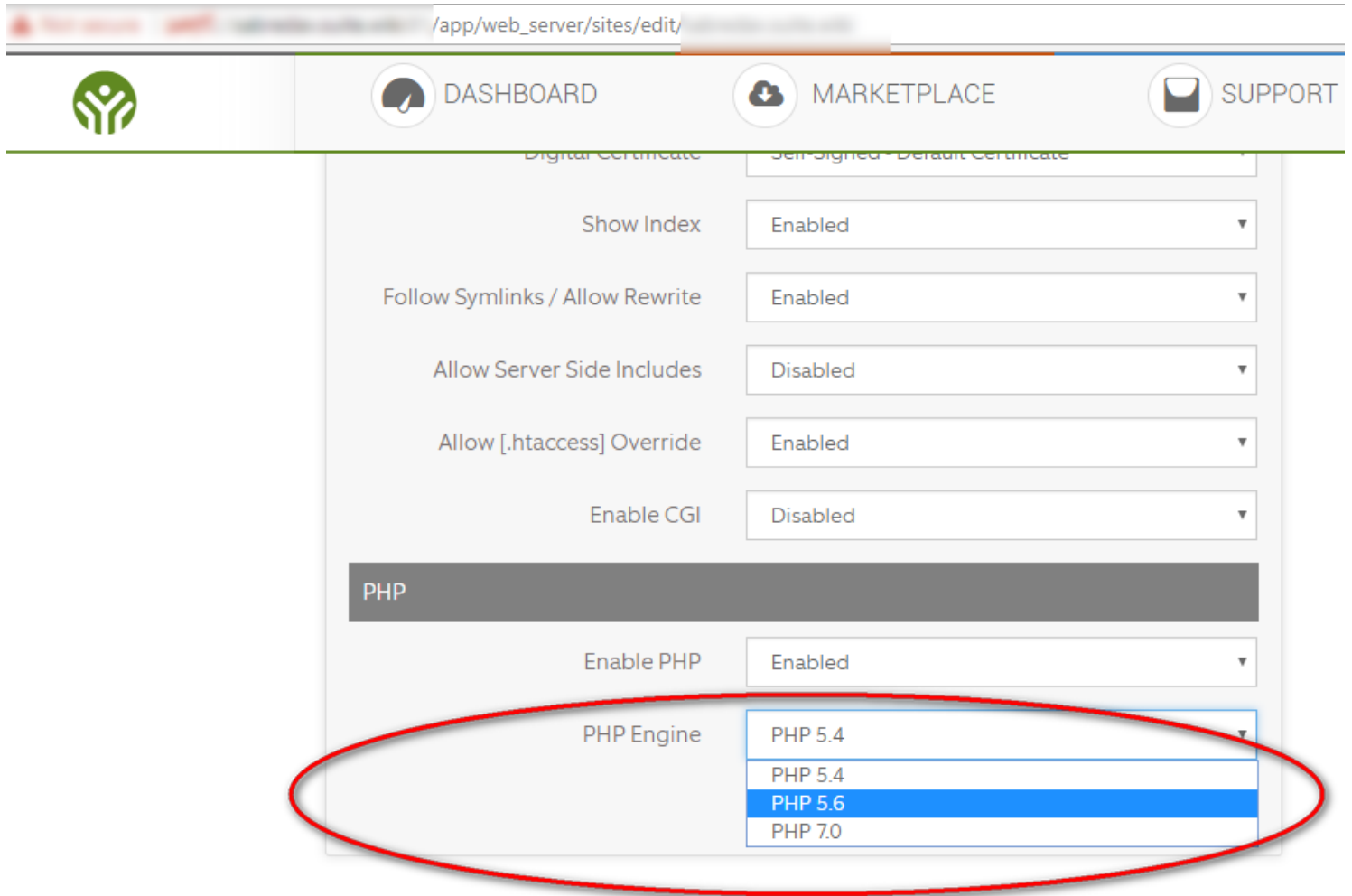
Status as of 2018-02-10: Now with PHP 7.1 and improvements to Command Line handling

Status as of 2017-11-24: The app is complete. Next step is to ask ClearOS community to test extensively.

Login to your ClearOS via SSH (as root)

```
yum install app-php-engines
```

And you will get:



Features

- Permits to pick PHP version for various websites, including in the command line version.

How to override settings

We plan add a way to override settings via the GUI but for now, you need to edit some configuration files.

.user.ini

Create a *.user.ini* and put where in the directory where your Tiki is

```
memory_limit = 256M
upload_max_filesize = 64M
zlib.output_compression = 1
```

And if you want errors displayed, also add this

```
display_errors = 0
```

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If the values don't pick up, you can try rebooting your server or trying in php.ini instead (below)

memory_limit and max_execution_time can also be overridden in Tiki via tiki-admin.php?page=performance -> Time and Memory Limits

<https://blog.ss88.uk/fast-cgi-and-user-ini-files-the-new-htaccess>

php.ini

For some php.ini variables (ex.: post_max_size), you cannot override these settings in .user.ini, so these must be set in the PHP Engine's php.ini files

- /etc/opt/rh/rh-php56/php.ini
- /etc/opt/rh/rh-php70/php.ini
- /etc/opt/rh/rh-php71/php.ini

If the values don't pick up, just reboot your server.

OPcache

OPcache is activated by default. So [How to deactivate OPcache on ClearOS](#)

Settings change be changed here:

- /etc/opt/rh/rh-php56/php.d/10-opcache.ini
- /etc/opt/rh/rh-php70/php.d/10-opcache.ini
- /etc/opt/rh/rh-php71/php.d/10-opcache.ini

If the values don't pick up, just reboot your server.

Apache Proxy

See also:

https://doc.tiki.org/How-to-install-Tiki-Manager-on-ClearOS#Timeouts_during_long_running_operations

Using the right version of PHP from the command line interface

Since each directory can have a different version of PHP, it uses the one from the current working directory.

This will use the PHP version which has been set for the test.example.org domain

```
* * * * * cd /var/www/virtual/test.example.org/html/ && php test.php >> /tmp/test.log
```

To manually set the PHP version to be used. Ex.: for CLI use outside the web directory

Create a .phpenv file with the desired PHP version, as follows:

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.phpenv file content for PHP 7.1

71

.phpenv file content for PHP 7.0

70

.phpenv file content for PHP 5.6

56

Limitations

- In some cases, PHP 5.4 is still used for the command line interface. [Solution has been proposed](#). Solved

Related links

- <https://github.com/WikiSuite/app-php-engines>
- <http://koji.clearos.com/koji/packageinfo?packageID=332>
- https://www.clearos.com/resources/documentation/clearos/content:en_us:7_ug_php_engines