

# Tasks

WikiSuite | Picking PHP Version for Crontab Scripts

## Picking PHP Version for Crontab Scripts

Status

✖ Closed

Description

Picking PHP Version for Crontab Scripts

Reported by

techana

Priority

2

Area

ClearOS (deprecated)

Details

I've installed the latest version of the PHP Picker app on my clearOS 7.4 box. The server is hosting a web app that was written in Laravel. The web app has components that require PHP 7. Of those are some crontab scripts.

I know that the default PHP in clearOS is version 5.4 and am wondering how to pick PHP 7 for the crontabs?

Here is an example of the crontabs I want to run:

```
0 2 * * * php /var/www/virtual/lms.domain.com/artisan draft-clear:document >
/var/log/lms/drafts_docs_cleaner.log
```

Thank you.

Created

Wednesday January 10, 2018 03:23:44 EST

by techana

LastModif

Sunday February 11, 2018 16:43:17 EST

## Comments



**Marc Laporte** 2018-01-13 17:09

Yes, we noticed for Tiki as well. A fix has been found and will be proposed for the PHP engines app.



**Marc Laporte** 2018-01-23 22:51

<https://github.com/WikiSuite/app-php-engines/pull/4>



**techana** 2018-01-24 02:29

That's great. Let's now hope for PHP 7.1 since 7.0 is getting difficult to work with now 😊



**Marc Laporte** 2018-01-24 17:49

7.1 is coming for sure.



**Marc Laporte**

2018-01-25 21:18

<https://github.com/WikiSuite/app-php-engines/commit/ccfe9a1224e73dd2169645f857df980e0ee573a1>



**Marc Laporte**

2018-02-10 17:51

PHP 7.1 available:

<http://wikisuite.org/How-to-install-a-PHP-version-picker-on-ClearOS>



**Marc Laporte** 2018-02-10 17:54

@techana : app-php-engines 1.1.1-1 should use the PHP which is set for that website.  
Please confirm.



**techana** 2018-02-10 18:24

Thank you.

Repo clearos-contribs-testing still shows app-php-engines.noarch  
1:1.1.0-1.v7. I'll wait till the newer version propagates through my  
repo's mirror then test.



**Marc Laporte** 2018-02-10 21:02

I did `yum --enablerepo=clearos-contribs-testing  
install app-php-engines` and it worked.



**techana** 2018-02-11 15:09

I installed app-php-engines v.1.1.1 but it still uses PHP version  
5.4.16 when running from a crontab.

How I tested it:

1. Chose PHP v.7.1 for a website.

2. Made a test PHP script in the document root of that website:

```
<?php  
echo 'Current PHP version: ' . phpversion();  
?>
```

3. Ran the above script from inside the website's document root.

The result was:

Current PHP version: 7.1.8

4. Put the script in a root's crontab:

- \* \* \* \* php  
/var/flexshare/shares/test.domain.com/html/crontab\_test.php  
>> /tmp/crontab\_test.log

5. The crontab\_test.log is now containing:

Current PHP version: 5.4.16

Current PHP version: 5.4.16

Current PHP version: 5.4.16

Current PHP version: 5.4.16

...



**Marc Laporte** 2018-02-11 16:13

ok, maybe we need one more commit:

<https://github.com/WikiSuite/app-php-engines/pull/5>



**Ricardo Melo** 2018-02-11 16:36

Hi techana,

the way it work, it search for the version to use from the current working directory.

you should change your cron to cd first to the working directory, like:

```
* * * * * cd
/var/flexshare/shares/test.domain.com/html/
&& php crontab_test.php >>
/tmp/crontab_test.log
```



**Marc Laporte** 2018-02-11 16:42

Good point Ricardo!

Documented:

[http://wikisuite.org/How-to-install-a-PHP-version-picker-on-ClearOS#Using\\_the\\_right\\_version\\_of\\_PHP\\_from\\_the\\_command\\_line\\_interface](http://wikisuite.org/How-to-install-a-PHP-version-picker-on-ClearOS#Using_the_right_version_of_PHP_from_the_command_line_interface)



**techana** 2018-02-11 18:20

Unfortunately, this method did not work either. crontab\_test.log still shows PHP ver. 5.4 is being used, not ver. 7.1



**techana** 2018-02-11 18:48

The only way I was able to make this to work is to run my crontab using the desired php engine directly, e.g. /opt/rh/rh-php71/root/usr/bin/php

In order to make things easier, I created symbolic links in /usr/bin, e.g.:  
/usr/bin/php71-cli -> /opt/rh/rh-php71/root/usr/bin/php

Then, in the crontab, I use the desired engine to run the php script, e.g.:

```
* * * * * php71-cli  
/var/flexshare/shares/test.domain.com/html/crontab_test.php >>  
/tmp/crontab_test.log
```