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

Marc Laporte 2018-01-25 21:18

https://github.com/WikiSuite/app-php-engines/commit/ccfe9a1224e73dd2169645f857df980ee573a1

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.

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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
   <?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
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:

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

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

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

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.:

```bash
* * * * * php71-cli \\
\/var\/flexshare\/shares\/test\.domain\.com\/html\/crontab_test\.php \\
&\& \ tmp\/crontab_test\.log
```
WikiSuite: The most comprehensive and integrated Open Source enterprise solution.

/tmp/crontab_test.log