

Bugs & Wish list

Installing package is hardly possible on shared hosting without an option to select the PHP CLI to use | Tiki Wiki CMS Groupware :: Development
Installing package is hardly possible on shared hosting without an option to select the PHP CLI to use

Status

 Pending

Subject

Installing package is hardly possible on shared hosting without an option to select the PHP CLI to use

Version

24.x
25.x
26.x

Category

- Usability
- Feature request

Feature

PDF
OS independence (Non-Linux, Windows/IIS, Mac, BSD)
Packages

Resolution status

Please retest

Submitted by

Bernard Sfez / Tiki Specialist


Lastmod by

Bernard Sfez / Tiki Specialist

Rating

★★★★★ (0) 

Related-to

-  Package, mPDF, Print; Installing the mPDF package on Tiki24 update composer and it now require PHP8 (brick the Tiki)

Description

On most of Virtual servers and Cpanel (tested on Server Debian10 running Virtualmin) you can select the PHP version that will be used for this domain. You can select a different PHP version than the one used by the server for the HTML backend.

It work usually fine.

However users don't have any option when this is about the PHP CLI. (php -v)

Developers have workaround like :

```
php74 console.php ...  
sh setup -p /usr/...
```

It is usually fine for developers.

However for Admins (or power user) there is no option to select the PHP CLI version.

Like:

- tiki-check.php
- tiki-admin.php?page=packages
- ... ?

Solution

Ideally we may have an option on Tiki that point to the right PHP CLI (the one associated with the PHP domain) or add it manually in a field. But this may be complicate.

As today I see only an issue with the Packages, it will easier to have a field to point to the PHP CLI version the user want to use.

Importance

7

Easy to solve?

5

Priority

35

Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on show2.tiki.org

Version: trunk ▼

Demonstrate Bug (older Tiki versions)

Please demonstrate your bug on show.tikiwiki.org

Version: 18.x ▼

Ticket ID

7820

Created

Monday 30 August, 2021 16:06:45 GMT-0000
by Bernard Sfez / Tiki Specialist

LastModif

Friday 16 December, 2022 05:51:44 GMT-0000

Comments



rjsmelo 06 Sep 21 22:48 GMT-0000

Hi Bernard,

curl not installed refers to the mod_curl for PHP, not the command line curl tool. Also from other screenshots you can see that is missing the gd module also.

Additionally, as you identified, is using PHP 8 (and from the screenshot with the multiple PHP versions I can see that the modules are missing). The version you setup for the web interface is (may be) different from the version that is setup as default from command line, and that's the PHP version that

composer will pick up, so I guess you need to find a way for your server to have (probably) PHP 7.4 as the default.

A few things you can try (after solving the issues above):

- Remove packages from web interface and re-install
- remove (manually) vendor folder content + composer.lock in the root of tiki and then install from the web interface



Bernard Sfez / Tiki Specialist 10 Sep 21 09:59 GMT-0000

Hi Ricardo,

My server is Debian10 with MariaDB and Virtualmin everything is installed from virtualmin. PHP8 was installed (and used by Virtualmin) automatically during an upgrade.

This domain is set to use PHP7.4.x



I understand that "now" (since Tiki23?) the Tiki package installer is trying to use PHP8.0 that is also installed on my server but I don't use PHP8 for this domain.

The installer should use the PHP version set for this domain OR at least let me choose which php to use.

I have the feeling it was working fine when I installed a Tiki22 with package a few weeks ago (php8 was already there).



Bernard Sfez / Tiki Specialist 24 Sep 21 23:48 GMT-0000

@rjsmelo,

I installed "missing" modules for PHP8 (curl, zip, etc) as the the package installer is using php8.0 and doesn't let me any other choice.

I could repair the package npm-asset/lozad

For the package mPDF nothing I tried worked (update, remove, etc) the output was the same for all action.



= Composer execution output: שגיאות: Loading composer repositories with package information
Updating dependencies Nothing to modify in lock file Installing dependencies from lock file
Nothing to install, update or remove Generating autoload files



Marc Laporte 14 Sep 21 18:12 GMT-0000

An idea:

Can you try <https://doc.tiki.org/Console> to install packages from CLI? And check which version of PHP it's using?



Bernard Sfez / Tiki Specialist 24 Sep 21 23:44 GMT-0000

@Marc Laporte



```
php7.4 console.php package:install mPDF Installing package: mPDF = New composer.json file
content: { "name": "tiki/tiki-custom", "description": "Tiki Wiki CMS Groupware", "license":
"LGPL-2.1", "homepage": "https://tiki.org", "minimum-stability": "stable", "require": { "npm-
asset/pdfjs-dist-viewer-min": "^2.1.266", "npm-asset/lozad": "^1.6.0", "mpdf/mpdf": "^8.0.0" },
"config": { "process-timeout": 5000, "bin-dir": "bin", "component-dir": "vendor/components" },
"repositories": [ { "type": "composer", "url": "https://composer.tiki.org" } ] } = Composer execution
output: שגיאות: Loading composer repositories with package information Updating dependencies
Nothing to modify in lock file Installing dependencies from lock file Nothing to install, update or
remove Generating autoload files tsaharoniki@server001:~/public_html$ php7.4 console.php
package:list Packages Installed +-----+-----+-----+-----+-----+
----+ | ID | Package Name | Required Version | Status | Installed Version | +-----+-----+
-----+-----+-----+-----+ | PDFjsViewer | npm-asset/pdfjs-dist-viewer-min |
^2.1.266 | installed | 2.9.359 | | Lozad | npm-asset/lozad | ^1.6.0 | installed | 1.16.0 | | mPDF |
mpdf/mpdf | ^8.0.0 | missing | | +-----+-----+-----+-----+-----+
-----+
```

I have the same output if I try to remove the package...



Marc Laporte 16 Dec 21 19:15 GMT-0000

Some context about Bernard's server:

This is Virtualmin

This is Debian 10, which comes by default with PHP 7.3

It has multiple versions of PHP, including PHP 8.

In the Virtualmin GUI, Bernard set to PHP 7.4. This works for the web, but the CLI is PHP 8. Same issue as this person:

<https://forum.virtualmin.com/t/multiple-php-versions-but-not-adhering-selected-version-in-cli/109177>

And tiki-check.php is correctly reporting this discrepancy.



Bernard Sfez / Tiki Specialist 17 Dec 21 07:38 GMT-0000

Thanks !



Bernard Sfez / Tiki Specialist 28 Dec 21 10:17 GMT-0000

Another similar case on a Tiki23 running on a Plesk Obsidian 18.0.39, web host edition

Of course the Tiki is using PHP7.4 and is running fine.

To use php console I use : `/opt/plesk/php/7.4/bin/php` (I have set an alias)

But the packages installer look for php 5.4.16... ?



Problem 1 - mpdf/mpdf[v8.0.8, ..., v8.0.9] require php ^5.6 || ^7.0 -> your php version (5.4.16) does not satisfy that requirement. - mpdf/mpdf[v8.0.4, ..., v8.0.7] require php ^5.6 || ~7.0.0 || ~7.1.0 || ~7.2.0 || ~7.3.0 || ~7.4.0 -> your php version (5.4.16) does not satisfy that requirement. - mpdf/mpdf[v8.0.0, ..., v8.0.3] require php ^5.6 || ~7.0.0 || ~7.1.0 || ~7.2.0 || ~7.3.0 -> your php version (5.4.16) does not satisfy that requirement. - mpdf/mpdf[v8.0.13, ..., v8.0.15] require php ^5.6 || ^7.0 || ~8.0.0 || ~8.1.0 -> your php version (5.4.16) does not satisfy that requirement. - mpdf/mpdf[v8.0.10, ..., v8.0.12] require php ^5.6 || ^7.0 || ~8.0.0 -> your php version (5.4.16) does not satisfy that requirement. - Root composer.json requires mpdf/mpdf ^8.0.0 -> satisfiable by mpdf/mpdf[v8.0.0, ..., v8.0.15].

Only using the shell it was possible to install this package.



Jonny Bradley 23 Aug 22 10:48 GMT-0000

@**Bernard Sfez / Tiki Specialist** and i just investigated this and fixed it (removed `mpdf/mpdf` from the command line and re-required it using `php7.4`) but a way of picking the php command to use would be very useful for this (and `setup.sh`), especially when, in the future, we have some Tikis needing php 8+ and some still needing 7.4.

I would suggest allowing the php executable to be set in `db/local.php` (probably as a define/constant), but still falling back to the list in `\Tiki\Package\ComposerCli` if it doesn't work?



hman 23 Aug 22 21:39 GMT-0000

The same is true for `console.php`, which will only run on certain PHP versions and doesn't display errors/warnings if started on some other, it just won't run correctly... The question is also: Is there, in some other script, a direct call to PHP anywhere? Do not rely on "php" to be what you expect it to be.

On rented space, it's up to the ISP what comes up here. Ionos/1&1, Germany's second biggest hoster, this will start PHP 4.4.9, and to top this, start the cgi-version (!) if you don't instruct it like `"/usr/bin/php7.3-cli" ...`



Bernard Sfez / Tiki Specialist 24 Aug 22 13:51 GMT-0000

I'm not a Server Administration so take this advise as it is, but you should be able to point to the PHP you want to use instead of the default php.

Instead of `php console.php somecommands`, `php7.4 console.php somecommands` or `/usr/bin/php7.4 console.php somecommands`

Depends of many things of course...



hman 24 Aug 22 23:49 GMT-0000

Yes. Actually (in the case of Ionos/1&1) it has to be `"/usr/bin/php7.3-cli"`. My point was that IF `console.php` can only run on certain PHP versions, `console.php` should check the version and issue an error if run on the wrong platform. Simply producing wrong output isn't good behaviour, prerequisites must be checked and deviations must yield errors (not warnings), IMHO.



Bernard Sfez / Tiki Specialist 16 Dec 22 05:52 GMT-0000

Things seems to work much better, to be fully tested



Marc Laporte 01 Mar 23 07:26 GMT-0000

For the record: <https://github.com/virtualmin/virtualmin-gpl/issues/520>



Marc Laporte 01 Mar 23 08:09 GMT-0000

I added an internal task:

<https://avan.tech/item88803-Add-a-possibility-to-pick-which-PHP-CLI-to-run>

But this is low priority for us.



Marc Laporte 15 Mar 23 05:20 GMT-0000
A solution is coming to Virtualmin 7.6:
<https://github.com/virtualmin/virtualmin-gpl/issues/520>

Attachments

filename	created	hits	comment	version	filetype
----------	---------	------	---------	---------	----------

No attachments for this item

The original document is available at
<https://dev.tiki.org/item7820-Installing-package-is-hardly-possible-on-shared-hosting-without-an-option-to-select-the-PHP-CLI-to-use>