TIKI23BEFOREBRANCHING IF EASY, ELSE VERY IMPORTANT FOR TIKI24: COMPOSER V2

Status
⊗ Closed

Priority
3 Want

Task
Tiki23beforebranching if easy, else very important for Tiki24: Composer v2

Add a timesheet
Add a timesheet for this task

Description
Shared by Guillaume on tiki-devel

https://php.watch/articles/composer-2

Please scope this to see if we should do now or later?

And approximate work load?

And are there any tradeoffs?

Files
1. ══════745da76d E54f 492f B260 B1c4c4045960 ⊕

2. ══════0056e355 F8b2 45ed A484 186f9fbd162a ⊕

Assigned to
ricardo.melo

Assigned by
jonny.bradley, marclaporte

Keep informed
guillaume.leclerc

Also visible to

1- Visible to Anonymous (Public content)

Related

- ⊗ [4 Good thing: Make console.php and Tiki Manager deal with package upgrades assigned to ricardo.melo](#)

Created
Sunday 19 of April, 2020 12:58:42 EDT
by Marc Laporte

LastModif
Saturday 05 of June, 2021 00:41:39 EDT

Comments

Maybe
[Marc Laporte](#) 2020-05-01 02:42

Tiki Manager is a good place to start?

Not compatible with the patching sytem we use
[Marc Laporte](#) 2020-06-13 07:11

https://sourceforge.net/p/tikiwiki/code/76566

Current status / investigation - for tiki
ricardo.melo 2020-07-29 10:01

Is the current tiki setup (for composer) has some issues if we use composer V2 (test)

Yes, it is possible to use composer v2 to install a Tiki instance, without errors. Although, there are some warnings regarding skipped packages that may cause issues while running some Tiki features.

The package `cweagans/composer-patches` has the support to composer v2 in the works: https://github.com/cweagans/composer-patches/pull/309 - Currently merged

to master but waiting to backport to branch 1.x (that we use)

The package `robloach/component-installer` is marked and abandoned, and won't have support to composer v2. There are some open issues (in Avan.tech) to update the packages in order to stop using this abandoned package - we should do this to be able to move to composer v2.

Do we need to do some homework to migrate to V2? Do we have to change something in the CI/CD?
We need to upgrade the scripts that run in the background to use --no-interaction to ensure that the scripts do not hang while waiting for user input, when the scripts are being executed by root user.

The composer packages that can be installed through Tiki, can be installed without any issues.

Just for the record (work done in August 2020)
ricardo.melo 2021-05-23 19:57

Tiki

- We've fixed the package dependencies to fetch from composer.tiki.org, that was preventing the weekly script that updates the vendor_bundled dependencies with success.
- We have replaced the fullcalendar packages with the ones from asset-packagist, ditching the deprecated dependency robloach/component-installer.
- We still need to update the cweagans/composer-patches to support composer v2, we can use dev-master, until a new version that uses the composer-plugin-2.
- Composer is able to install without issues, although when access to Tiki frontend, we get the following error:
    - Composer detected issues in your platform: Your Composer dependencies require the following PHP extensions to be installed: ldap, soap
    - In composer.json, we override platform requirements, but that might be a bug for now, we have to test that later on.

Tiki-Manager

- We made the necessary changes, and composer v2 can be used without issues.

Code changes

- Tiki's FullCalendar packages replacement:
  https://gitlab.com/tikiwiki/tiki/-/merge_requests/534
- Tiki-Manager:
  https://gitlab.com/tikiwiki/tiki-manager/-/merge_requests/183

Thanks Ricardo

[Jonny Bradley]() 2021-05-24 06:27

Trying it here - did `php temp/composer.phar selfupdate --2` and then `php temp/composer.phar -d=vendor_bundled install` and got the usual adodb and phpunit patch errors (which i have tried to fix but got lost).
So looking good - should i change setup.sh to update to 2.x and we see what happened?

Before branching seems like a good time to try it! 😎

I actually gave it a try and got a few errors on path mapping

ricardo.melo 2021-05-24 18:14

In the form:

```
Class Tiki\Composer\CleanVendors
located in
/vagrant/git/lib/core/Tiki/Compo
ser/CleanVendors.php does not
comply with psr-4 autoloading
standard. Skipping.
```

I guess is because I was running

```
composer install --working-dir
vendor_bundled --prefer-dist --
no-dev --optimize-autoloader
```

That should be fixed, before upgrading

Is this not a release blocker for 23.x?
[Jonny Bradley](#) 2021-02-03 06:20

Surely we need to upgrade composer in tiki to a supported version for the future - i see this was set to pending, but i think trunk is still fixed on v1.x - i thought the only (or main) thing stopping us was the lack of a patching system that works with composer 2, but surely that has been fixed now?

Looks like [this release](#) adds 2.x support for cweagans/composer-patches so we should test, no?

Ok Jonny
[Marc Laporte](#) 2021-03-15 20:47

It's now back on todo!

Thanks
[Jonny Bradley](#) 2021-03-16 07:24

😎 (again?)

We also need our Satis updated...
[Marc Laporte](#) 2021-04-10 10:01

https://github.com/composer/satis/pull/645

is still not merged the support
ricardo.melo 2021-05-24 20:14

So let's wait.

FYI With composer 2.0 patch is applied, but not listed in composer.lock [extra][patches_applied]
[Marc Laporte](#) 2021-05-18 19:11

https://github.com/cweagans/composer-patches/issues/338

Composer 2 Merged
ricardo.melo 2021-05-24 20:11

https://gitlab.com/tikiwiki/tiki/-/merge_requests/785

Woo
[Jonny Bradley](#) 2021-05-25 05:00

Thanks!