Packages

Overview

Also called the Composer Web Installer, and introduced in Tiki18, this feature is for the installation and management of external software packages using Composer. Composer is used in the Tiki code development process to import and manage external software such as jQuery and Bootstrap. But some software cannot be packaged with Tiki due to an incompatible license, or shouldn't necessarily be packaged with Tiki by default because of the software's specialized nature or niche application. So it is a natural step for Tiki site administrators to be able to use Composer to install and manage external software specifically for their site after the site is installed.

Package list

Please see: https://packages.tiki.org/

Use

The interface for Packages is located at the site's tiki-admin.php?page=packages page. The Packages admin page has four sections, displayed in tabs — Packages Installed, Install Other Packages, Packages Bundled, and Diagnose. These sections are described below:

Packages Installed

This list shows packages that have been installed via this feature. The details for each package include package name, version required, status, and version installed, plus a remove button for each. The version required is the minimum version required by Tiki, so the version installed must be that version or a newer one. If the Packages feature hasn't been used yet, then of course the list will be empty.

The status column shows a success icon (✔) if the package is installed, or a warning icon (⚠️) if it is missing. If the package is missing, you can click the "Fix Missing Packages" button that is displayed and Tiki will try to install the package again.
Manual install (FTP)

If for some reason, the web-based package installer is not working for you, you can use the FTP alternative explained at: https://packages.tiki.org/

Install Other Packages

This section shows packages that are available to be selected and installed.

Some examples include:

- PhantomJS and CasperJS
- mPDF
- Expose
- SAML

Packages

Install Other Packages

Note: It may happen that mxGraph is not available on this list, so to add it to your Tiki installation, follow this link, it contains all the information you will need to add a package if it is not available for installation through the graphical interface.
Install Other Packages section feedback

[+] Other information

Currently those that are available are listed in the local composer.json file and fetched from https://packagist.org.

Packages Bundled

This section lists the external software packages that are bundled with the core Tiki files, so are available for use in a fresh Tiki site. This list is for information purposes only and there's no interface here to make changes.

Diagnose

The "Diagnose Composer" button can be clicked to run Composer and test the output. If Composer isn't found for some reason, there will be a message to that effect.
Normally, Composer will be found and run, and so some information will be shown here.

**Packages**

*External packages installation and management*

- Packages Installed
- Install Other Packages
- Packages Bundled
- Diagnose

**Diagnose Composer**

Use the button below to test your composer installation

**Results**

Composer: /var/www/virtual/trunk.notre.website/temp/composer.phar

**Composer diagnose output**

- Checking composer.json: WARNING
  - No license specified. It is recommended to do so. For closed-source software you may use "proprietary" as license.
  - require: jeroen-breton/casper-js-installer : unbound version constraints (dev-master) should be avoided
- Checking platform settings: OK
- Checking git settings: OK
- Checking http connectivity to packagist: OK
- Checking https connectivity to packagist: OK
- Checking github.com rate limit: OK
- Checking disk free space: OK
- Checking pubkeys: FAIL
- Missing key for tags verification
- Missing pubkeys for dev verification
- Run composer self-update --update-keys to set them up
- Checking composer version: OK

Diagnose Composer - OK

**Future development**

Initially, the focus will be files at [https://packagist.org/](https://packagist.org/), but later this feature is intended to be expanded to include importing themes, libraries formerly hosted at mods.tiki.org, language files, and more.

**Related**

- See also [https://dev.tiki.org/Composer-Web-Installer](https://dev.tiki.org/Composer-Web-Installer)
- Profiles
- “Packaging” Composer packages
- About Tiki Packages in Tiki 18.0 LTS and why I support this project. And mods.tiki.org can now be scheduled for retirement (Marc Laporte).
- [https://gitlab.com/tikiwiki/tiki-packages-build](https://gitlab.com/tikiwiki/tiki-packages-build)

**Page alias**

- Composer Web Installer
- Package