

The Tiki 27 plus Build System

In [Tiki27](#) a new build system was introduced [MR3760](#) as part of the [path rework project](#). This [reduced the code base by 700 000 lines!](#)

This page will describe what you need to know to switch from using previous Tiki versions up to 26.x when installing Tiki using git.

- You need to install [node.js](#)
- Then run `sh setup.sh` and press return to run the build step (which will also run the composer `vendor_bundled install`)
- If you have a con job running you need to change the command to (something like):
 - `cd /home/tiki/master; php8.2 console.php -q vcs:update; sh setup.sh -p php8.2 -k build;`

Install node.js and npm on Debian12

Log using ssh as your www tiki user (don't use root)

Use <https://nodejs.org/en/download/package-manager>

Select the version you need using the dropdown

Install the version as displayed check it is installed

Troubleshooting

To check which node your user is using `which node`

To check which npm your user is using `which npm`

To remove installed packages `apt-get purge npm auto-remove` and `apt-get purge nodejs auto-remove`

Important URLs

- **The main documentation is here** -> <https://gitlab.com/tikiwiki/tiki/-/tree/master/src/js>
- <https://gitlab.com/tikiwiki/tiki/-/blob/master/src/js/common-externals/package.json>

Examples of moving libs from Composer to the new build system

- https://gitlab.com/tikiwiki/tiki/-/merge_requests/4652
- https://gitlab.com/tikiwiki/tiki/-/merge_requests/4653
- https://gitlab.com/tikiwiki/tiki/-/merge_requests/4602
- https://gitlab.com/tikiwiki/tiki/-/merge_requests/4579