

composer cheatsheet

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All composer commands, depending on your install, may need to use `php composer.phar` in the install folder for composer, instead of plain `composer`.

Installing dependencies

<code>composer install</code>	Downloads and installs all the libraries and dependencies outlined in the <code>composer.lock</code> file. If the file does not exist it will look for <code>composer.json</code> and do the same, creating a <code>composer.lock</code> file.
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<code>composer install --dry-run</code>	Simulates the install without installing anything
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This command doesn't change any file. If `composer.lock` is not present, it will create it.

`composer.lock` **should always** be committed to the repository. It has all the information needed to bring the local dependencies to the last committed state. If that file is modified on the repository, you will need to run `composer install` again after fetching the changes to update your local dependencies to those on that file.

Updating packages

<code>composer update</code>	Updates all packages
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<code>composer update --with-dependencies</code>	Updates all packages and its dependencies
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<code>composer update vendor/package</code>	Updates a certain package from vendor
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<code>composer update vendor/*</code>	Updates all packages from vendor
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<code>composer update --lock</code>	Updates <code>composer.lock</code> hash without updating any packages
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Updating autoloader

This command changes only the `composer.lock` file.

<code>composer dumpautoload -o</code>	Generates optimized autoload files
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Adding packages

```
composer require vendor/package.
```

Adds package from vendor to composer.json's require section and installs it

```
composer require vendor/package --dev
```

Adds package from vendor to composer.json's require-dev section and installs it.

This command changes both the composer.json and composer.lock files.

Removing packages

```
composer remove vendor/package
```

Removes vendor/package from composer.json and uninstalls it

This command changes both the composer.json and composer.lock files.