

Shopware 5 Installation



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06.Apr.2020 •  Analytics

General information

1. Media folder is symlinked from shopware-media
2. Files folder is symlinked from shopware-files
3. Create plugins and themes as composer libraries with type `shopware-plugin` or `shopware-theme`
4. To add plugins, add in the repository details to `composer.json` and then `composer require` the plugin.

Requirements

1. php-fpm php-mysql php-curl php-xml php-mbstring php-zip php-gd (7.2 or 7.3)
2. composer
3. ant
4. mysql-server (5.7 or 8.0)
5. nginx
6. zip
7. unzip

Installation (with no existing db)

1. Get/clone the repository
2. Setup the database and access
3. Setup `.env` file with database information, keeping in mind to uncomment or change parts that are marked as first installation.
4. Run `composer install --no-scripts` in the directory
 - a. There might be an error saying it cannot do the migrations (because your DB isn't populated yet). It's fine.
5. Run `./app/bin/install.sh`
 - a. There might be a warning saying some tables aren't found. It's fine.
6. Run `composer install` again

Installation or upgrade (with existing installation/db)

1. Get/clone the repository
2. Setup `.env` file with database information. Make sure `DROP_DATABASE=n` (unless you want to reset all db)
3. Run `composer install` or `composer update`

Troubleshooting

1. Clear all caches - Shopware `/var` and `/web` caches
2. Restart services - `nginx` and `php-fpm` usually, `mysql` rarely
3. Make sure all symbolic links in the folder are pointing to valid directories
 - Since we use symbolic links for our shared folders (media, themes, plugins), and shopware (composer version) also links core files such as their Bare, Responsive and Backend themes to the already linked theme folder, it might be pointing to a wrong relative directory.
 - I've patched the `app/bin/functions.sh` file that the installer uses, but there might be additional files/directories added or changed in later versions of the shopware-compose project

Shopware Information

Composer template for Shopware projects

Starting with v5.4 Shopware supports installation using composer out of the box. Earlier versions of Shopware are not supported.

Installation

```
1 composer create-project shopware/composer-project my_project_name --no-interaction --stabi
```

This will clone the repository with all necessary dependencies into a new directory `my_project_name`. You can then either remove the history of this project by deleting the `.git` directory and start from scratch by executing `git init`, or keep the history and just add your own remote to push to.

Afterwards you either provide a `.env` file for defining database credentials, the shop-url and Shopware version or have one created for you using an interactive installer.

To use the installer, simply run:

```
1 $ ./app/bin/install.sh
```

Configuration

Configuration settings like environment specific database settings, API tokens, server IPs or any type of credentials should be set via environment variables. That way you don't have to include any environment specific or sensitive information in your project. You can use a `.env` file for local development or as a workaround.

You can also configure some generic project services in `app/services.xml`. For instance, the error log is configured to use `stderr` output instead of default log file located at `var/log` directory. New and additional services should be provided using plugins, though.

Updating Shopware

Update the version number of `shopware/shopware` in `composer.json`. Then run `composer update shopware/shopware` to install the new version. Do not forget to commit the new `composer.lock` file to your project afterwards.

Prepare plugins for composer installation

Given you have a plugin called `SwagMediaSftp` add your dependencies in your plugins `composer.json` file. Also set the `type` to `shopware-plugin`. See the `SwagMediaSftp` repository for the complete plugin.

```
1 {
2     "name": "shopwarelabs/swag-media-sftp",
3     "type": "shopware-plugin",
4     "description": "The SFTP adapter allows you to manage your media files in shopware on",
5     "license": "MIT",
6     "extra": {
7         "installer-name": "SwagMediaSftp"
8     },
9     "require": {
10         "league/flysystem-sftp": "^1.0"
11     }
12 }
```

For a complete list of the available Shopware-related types see the [Composer Installers repository](#).

Plugins

Plugins being installed like described above are installed into `custom/plugins/`, legacy Shopware plugins are getting installed into `Plugins/`. Those directories are included in the

`.gitignore` of this repo so plugins installed via composer are not being tracked by git.

In case you need some project specific plugins that you don't want to add to your project via composer but track them using this repository, then you can add them to the `custom/project` directory. Only plugins using the new plugin style are supported.



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