
CMSilex Documentation

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Contents:

Introduction

CMSilex is a PHP content management system. It is built using [Silex](#).

CMSilex aims to be:

- A much better alternative to wordpress.

Usage

2.1 Installation

Create a `composer.json` file:

```
{
    "minimum-stability": "dev",
    "prefer-stable": true
}
```

Use **Composer**:

```
composer require cmsilex/cmsilex "dev-master"
```

Create a public directory.

Create a `cmsilex` directory inside your public directory eg. `/public/cmsilex` that will store the assets for the backend of cmsilex.

Copy the contents of `/vendor/cmsilex/cmsilex/resources/public` to the new `/public/cmsilex` directory.

An example nginx webserver config:

```
server {
    listen 80;
    server_name yoursite.com www.yoursite.com;
    return 301 https://$host$request_uri;
}

server {
    listen 443 ssl;
    server_name yoursite.com www.yoursite.com;
    root /var/www/yoursite.com/public;

    location / {
        # try to serve file directly, fallback to front controller
        try_files $uri /index.php$is_args$args;
    }

    location ~ ^/index\.php(/{|}) {
        # the ubuntu default
        fastcgi_pass unix:/var/run/php5-fpm.sock;
        # for running on centos
    }
}
```

```
#fastcgi_pass    unix:/var/run/php-fpm/www.sock;

fastcgi_split_path_info ^(.+\.php)(/.*)$;
include fastcgi_params;
fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
fastcgi_param HTTPS on;

# Prevents URIs that include the front controller. This will 404:
# http://domain.tld/index.php/some-path
# Enable the internal directive to disable URIs like this
# internal;
}

#return 404 for all php files as we do have a front controller
location ~ /\.php$ {
    return 404;
}

ssl_certificate /etc/letsencrypt/live/yoursite.com/fullchain.pem;
ssl_certificate_key /etc/letsencrypt/live/yoursite.com/privkey.pem;

ssl_protocols TLSv1 TLSv1.1 TLSv1.2;
ssl_ciphers 'ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES256-GCM-SHA384';

ssl_prefer_server_ciphers on;
ssl_dhparam /etc/nginx/dhparams.pem;

error_log /var/log/nginx/yoursite_error.log;
access_log /var/log/nginx/yoursite_access.log;
}
```

2.2 Bootstrap

To bootstrap CMSilex, you need to require the vendor/autoload.php file and create an instance of CMSilex\Application.

Create a generic bootstrap file `/bootstrap.php` that can be used both by the webserver and CLI:

In `/public/index.php` require your bootstrap file which returns your application and call the `run` method on your application:

```
<?php
$app = require __DIR__ . '/../bootstrap.php";
$app->run();
```

2.3 Config

CMSilex uses YAML for its config file.

Create a file `/config/config.yml`.

```
# Turn debug on or off
# debug: false

# the directory within /themes where your frontend theme resides
theme: mythemedir

# Enable or disable the /register path to allow new user registration
# register: false

# example mysql db config
db:
  driver: pdo_mysql
  dbname: mydbname
  host: 127.0.0.1
  user: mydbuser
  password: mydbpassword

# example sqlite db config
# db:
#   driver: pdo_sqlite
#   path: /path/to/sqlite.db
```

2.4 CLI-Config

In order for doctrine command line to work you need a php config file at `/config/cli-config.php`:

```
<?php
use Doctrine\ORM\Tools\Console\ConsoleRunner;

// replace with file to your own project bootstrap
$app = require_once __DIR__ . '/../bootstrap.php';

return ConsoleRunner::createHelperSet($app['em']);
```

2.5 Database

You need to set up a database for your cms.

```
vendor/bin/doctrine orm:schema:create
```

Service Providers

3.1 Authorisation

Not Implemented

3.2 CMS

The CMS service provider

3.2.1 Services

- cms:
- **

3.3 Converter

3.4 Manager Registry

3.5 ORM

3.6 Theme

Indices and tables

- `genindex`
- `modindex`
- `search`