

ZC Owner Application

This module contains the owner application.

How to run the application on your local machine

Clone the repository:

```
$ git clone git@gitlab.s17048262.onlinehome-server.info:zc/zc-owner-application.git
```

Install all npm dependencies:

```
$ npm install --production
```

Start the server:

```
$ npm start
```

The server is configured to run on port 3000, so navigate your browser to:

```
http://localhost:3000
```

Development instructions

The next sections are only relevant if you want to contribute to the development.

Directory structure

```
.
├── app.js           # Main file to start server
├── lib              # Node.js modules
│   └── express-apps  # Express applications
├── public           # Files that are visible via web server
│   ├── bower        # Bower components
│   ├── css           # CSS files (auto generated by Grunt)
│   ├── img           # Images
│   └── js            # JavaScript files (auto generated by Grunt)
├── src              # Source files that are processed by Grunt
│   ├── js            # Source files for JavaScript
│   └── less           # Source files for LESS/CSS
└── test             # Tests
```

Npm

Npm is used to install node.js modules.

To install all dependencies (including devDependencies):

```
$ npm install
```

This will install all node.js modules, including the ones that are required for the development process (grunt, mocha, etc).

Bower

Bower is used to install web components and is meant to be run by the developer(s) maintaining the git repository.

This implies that all installed components are added to the git repository and should not be separately installed using bower on the production environment.

To add a component:

```
$ bower install <component>
```

Then add it to the git repository so it can be pulled in by the server from the git repository (instead

of using bower on the server).

This prevents version conflicts and allows the developer to strictly control the components used in production.

Grunt

Grunt is used to build files from the files inside the `src` directory.

To build all files:

```
$ grunt
```

To build all files and watch for changes:

```
$ grunt livereload
```

Unit tests

Mocha is used for unit testing. Unit tests are located in the `/test` directory.

To run all unit tests:

```
$ npm test
```

Change log

v0.1.0

- Added README.md
- Added i18n module for internationalization support
- Added Grunt to build CSS themes
- Added middleware to use /static to access public files
- Added npm dependencies
- Added bower dependencies
- Added bower configuration

- Added .gitignore
- Initial commit with base framework using Express.js