# Introduction

OrderCloud provides fully functional, open source starter applications built for seller and buyer users on the OrderCloud.io platform in Angular 1.X. Ideally solution implementers will fork or clone this repository to maintain their customized admin application through merges and

pull requests after new versions are released in the base fork (this repository).

The starter app for both types of applications can be found on GitHub by following the links below:

- [seller starter application](https://github.com/ordercloud-api/angular-seller)

- [buyer starter application](https://github.com/ordercloud-api/angular-buyer)

## Prerequisites

- [Git (version control)](https://git-scm.com/)

- [Node.js (npm)](http://nodejs.org/)

- [Bower (another package manager)](https://bower.io/#install-bower)

- [Gulp.js (automation)](http://gulpjs.com/)

# Installation

Install the project dependencies:

```sh

$ npm install

```

If for some reason the `post-install` script fails, reattempt the bower install manually:

```sh

$ bower install

```

# Local Development

To view your application locally while you work, run the following gulp command:

```sh

$ gulp build

```

This will pull together everything in the projects `./src/` directory and put the result into a new `./build/` folder

(ignored by source control).

After the build succeeds, an express server will fire up and open the app in your default browser @ `http://localhost:3000/`.

Additionally, a watch is initiated so that [BrowserSync](https://browsersync.io/) can automatically refresh the app when

changes to the `./src/` directory are made.

### Running Unit and E2E Tests

[Karma](https://karma-runner.github.io/1.0/index.html), [Jasmine](https://jasmine.github.io/), and [Protrator (e2e test framework for AngularJS)](http://www.protractortest.org/#/)

are our test frameworks of choice, everything you need to run unit or E2E tests should already be installed via npm.

| Task | File Extension | Description |

| --- | --- | --- |

| `gulp test:unit` | `\*.spec.js` | Runs only the unit tests |

| `gulp test:e2e` | `\*.test.js` | Runs only the E2E tests |

| `gulp test` | `\*.spec.js` or `\*.test.js` | Runs both the unit and E2E tests |

# Compiling for Production

You can run the following command to compile your code to a production-ready

state:

```sh

$ gulp compile

```

This will concat all similar file types into a single file, minify the code, and drop the result into a new `./compile/` folder.

Images in the `./src/assets/` directory are compressed for web optimization and template file contents are stringified

and added to the angular `$templateCache` for faster load times.

>While we've worked hard to ensure that your app will behave the same on both build and compile, it is always recommended that

the compiled code be thoroughly tested before moving to production.

When the compile is complete, the express server will fire up again and open the app @ `http://localhost:3000/`. For performance reasons

the watch is not fired on compile like it is on build.

# Deploying to [GitHub Pages](https://pages.github.com/)

Having worked in the B2B world for over 15 years we know that showing development progress is extremely important, especially

during large projects. That is why we've provided an easy way for you to deploy your compiled code directly to a gh-pages branch

for fast and easy demos!

```sh

$ gulp deploy

```

This will push a compiled version of your working copy directly to your default git remote and can be viewed here @ `username.github.io/repository-name`.

> \*\*Important Note!\*\* Your angular app \_must \*\*not\*\*\_ be in HTML5 mode for the routing on gh-pages to work properly. This

can be changed in `./src/app/app.constants.json` prior to running the task.

> Github pages can take a few minutes (about 10) to propagate before your app will become available.

Of course, this is not the only deployment option available. Angular-based OrderCloud applications are [preconfigured](https://devcenter.heroku.com/categories/nodejs)

to be deployed on [Heroku](https://www.heroku.com/) using their [GitHub integration](https://devcenter.heroku.com/articles/github-integration) and the `./compile` directory is made up of entirely static files that

can be easily deployed to any hosting provider.