

# Table of Contents

## Introduction

<a href="#">Introduction</a>	1.1
<a href="#">Technologies</a>	1.2

## Getting Started

<a href="#">Prerequisites</a>	2.1
<a href="#">Downloading</a>	2.2

## Source Code

<a href="#">Folder and file structure</a>	3.1
---	-----

## Development

<a href="#">Server</a>	4.1
------------------------	-----

## Testing

<a href="#">Running Tests</a>	5.1
-------------------------------	-----

## Deploying

<a href="#">Production Build</a>	6.1
----------------------------------	-----

## Advanced

<a href="#">Translate</a>	7.1
<a href="#">Changelog</a>	8.1



## Portal Angular

Thank you for purchasing Portal.

This document is for the angular version of Portal, if you are using the HTML or React versions please go to the Portal HTML Documentation or the Portal React Documentation.

You will find the documentation for each Portal version included in the main ThemeForest download as PDFs or you can find it online [here](#).

## Quick Start

To get yourself up and running you should first make sure you have the correct [prerequisites](#) installed on your system.

After you have done that simply spin up a [development server](#) and get coding!

# Technologies

Portal is built using the latest frontend technology. These are Angular and Angular Material 2, both were created by Google. Portal also uses the material design specification in its design and functionality.

## Material Design

Material design is a design language developed by Google and announced at the Google I/O conference on June 25, 2014. Expanding upon the "card" motifs first seen in Google Now, it is a design with increased use of grid-based layouts, responsive animations and transitions, padding, and depth effects such as lighting and shadows. Designer Matías Duarte explained that "unlike real paper, our digital material can expand and reform intelligently. Material has physical surfaces and edges. Seams and shadows provide meaning about what you can touch." Google states that their new design language is based on paper and ink.

At Google we say, "Focus on the user and all else will follow." We embrace that principle in our design by seeking to build experiences that surprise and enlighten our users in equal measure. This site is for exploring how we go about it. You can read our design guidelines, download assets and resources, meet our team, and learn about job and training opportunities.

Here are some resources about Material Design

- [Google Design](#)
- [Material Design Guidelines](#)

## Angular

Angular is a platform that makes it easy to build applications with the web. Angular combines declarative templates, dependency injection, end to end tooling, and integrated best practices to solve development challenges. Angular empowers developers to build applications that live on the web, mobile, or the desktop

- [Angular](#)
- [Angular Docs](#)
- [Angular Resources](#)

## Angular Material 2

Our goal is to build a set of high-quality UI components built with Angular and TypeScript, following the Material Design spec. These components will serve as an example of how to write Angular code following best practices.

- [Angular Material 2](#)
- [Angular Material 2 GitHub](#)

## Angular Style Guide

Portal's code follows the [Google Recommended Style Guide](#). This is an opinionated style guide for syntax, conventions and structuring of angular apps that is now endorsed by the Google angular team.

# Prerequisites

This section of the docs will detail the software you will need to install in order to run and compile this demo.

## Node.js Install

You can download the latest of node.js [from here](#) alternatively there are [guides on how to install using a package manager](#).

Once you have installed node you can check that it is working correctly by opening a command prompt / terminal and typing

```
node --version
```

and see something like this

```
$ node --version  
v8.7.0
```

**Note** - Both the Angular CLI and generated project have dependencies that require Node 6.9.0 or higher, together with NPM 3 or higher.

## Git

You will also need to install the Git source control system on your machine. Check out [this guide](#) on how to install on Windows, Mac and Linux.

## Npm

You will need the node package manager installed in order to fetch the packages that the demo needs. This should have been installed in the [Node.js](#) step above.

To check if npm is installed run the following.

```
npm --version
```

you should see something like this

```
$ npm --version  
5.4.2
```

## Angular CLI

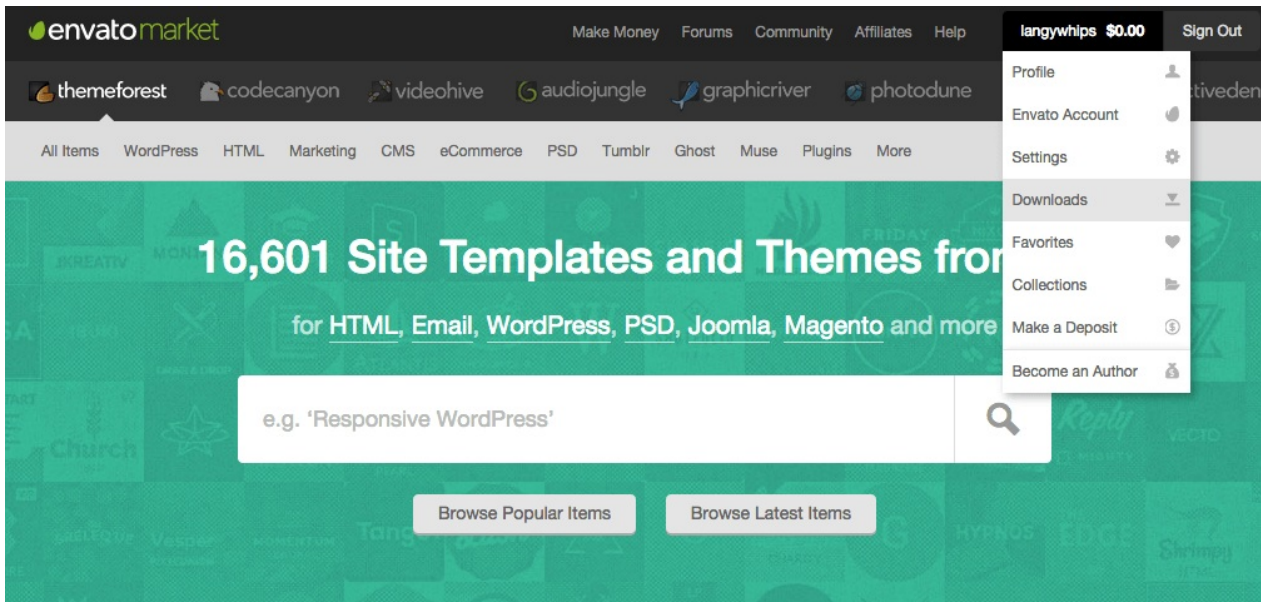
Once you have node set up, installing angular cli is easy. Just run this command:

```
npm install -g @angular/cli
```

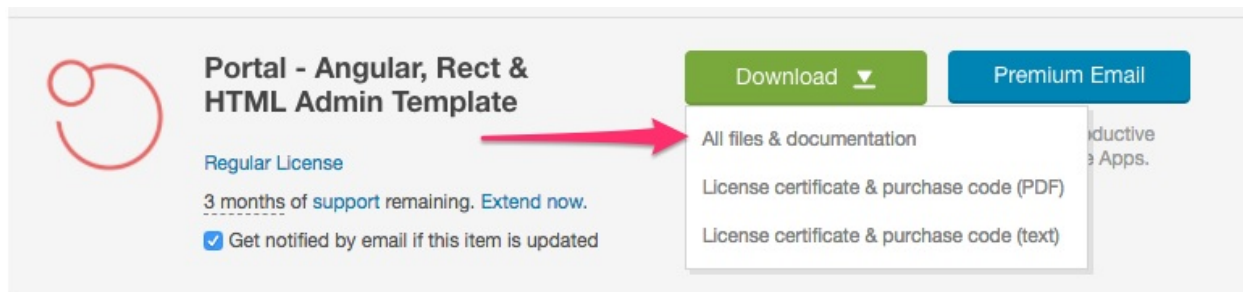
## Downloading

Now you have all the [prerequisites](#) installed on your system the next step is to grab the latest copy of portal from ThemeForest.

- First of all you will need to log in to your [ThemeForest account](#)
- Click your account menu
- Click the Downloads link in the dropdown menu



- Locate the Portal template on your downloads page
- Click the **download button** and then select **All files & documentation**



Congratulations. You now have a shiny new copy of Portal!

## Unzipping the download

You should now have a file that looks something like this.

themeforest-11711437-portal-material-design-admin-template.zip

In order to get at the goodness inside you will need to [unzip this file](#).

## Zip Contents

Once you have unzipped the Portal zip file you will find the following folders have been created.

Folder / File	Contents
angular/	Contains the Angular version of Portal
react/	Contains the Angular version of Portal
html/	Contains the Angular version of Portal

We will be only interested in the angular folder in this documentation

## Angular Code

Inside the angular folder of the main zip download you will find the following files.

Folder / File	Contents
portal-angular-demo.zip	Full Portal Angular demo source code with all examples
documentation.pdf	Portal Angular documentation (you are reading this now)

Unzip demo zip file and move on to the [next source code](#) section where we will talk you through the app files and folders.

## Files & Folders

When you unzip the portal-angular-demo.zip you should see a portal-angular-demo folder has been created.

Inside this folder you will find your Portal angular app code.

### Base Folder Contents

Folder / File	Description
e2e/	Contains end to end test files
src/	Contains the app source
CHANGELOG.md	Lists the changes to this project
karma.conf.js	Config for karma tests
package-lock.json	Lock file for npm
package.json	Lists all node packages needed
protractor.conf.js	Config for protractor test
README.md	How to run this project
tsconfig.json	TypeScript config
tslint.json	TypeScript Lint options

# Server

## Development Server

The easiest way to get started developing your angular app is to start a development server.

Run `ng serve` for a dev server. Navigate to `http://localhost:4200/`. The app will automatically reload if you change any of the source files.



## Running unit tests

Run `ng test` to execute the unit tests via [Karma](#).

## Running end-to-end tests

Run `ng e2e` to execute the end-to-end tests via [Protractor](#).

# Build

Run `ng build` to build the project. The build artifacts will be stored in the `dist/` directory. Use the `-prod` flag for a production build.

# Translate

## Create a translation file

All translation files are loaded from the `src/local` folder.

In this folder you will find this file

```
src/locale/messages.xlf
```

This is the translation file that includes all the strings in the demo app

You can translate this file using an xliiff editor, [here is a list of editors](#).

Once you have your translation ready save the xlf file and name it using the locale code.

For example for French you would save a file like this

```
src/locale/fr.xlf
```

If you are unsure which locale code to use [see the CLDR code spec](#).