# Folder Structure

After downloading template-archive, extract the files into the directory where your website/localhost is located. Your directory will look something like this.

markup/ <-- Template root folder

|--dist/ <-- Template destination folder

|--css/main.css <-- Template css

|--fonts/ <-- Template fonts & icon-fonts

|--images/ <-- Template optimized images

|--js/

| |--jquery-(current version).min.js <-- jQuery JavaScript library file

| |--jquery.main.js <-- Use this JS file to write your own custom JS

|--index.html (and other html files) <-- Template html files

|--src/ <-- Template source folder

|--scss/ <-- Template SCSS files

| |--scss/base/ <-- Base SCSS files (typography, Variables, etc.)

| |--scss/components/ <-- Components SCSS files (buttons, breadcrumbs, etc.)

| |--scss/layout/ <-- Layout SCSS files (header, footer, etc.)

| |--scss/pages/ <-- Template pages SCSS files (home page, static page, etc.)

| |--scss/vendors/ <-- All Vendors SCSS

| |--scss/main.scss <-- Template main SCSS file

|--sourceimages/ <-- Template original images

|--index.html (and other html files) <-- Not compiled html files

|--Gruntfile.js <-- Grunt JS file

|--grunt-settings.js <-- Grunt setting JS file

Grunt

Its is not a mandatory to use grunt to use this template, We've provided this to simplify customers development process and reduce the efforts by using SCSS. You can obviously use css files to customize template instead of using Node, Grunt or SCSS.

First and foremost, you need to download and install the node.js in you Operation System

NPM stands for node packaged modules and is a way to manage development dependencies through Node.js.Download the Node.js source code or a pre-built installer for your platform, and start developing, you can download it from [nodejs.org](https://nodejs.org/en/download/)

You can check it in your terminal window using these commands **node --version** and **npm --version**.

## Installing Grunt

[GruntJS](http://gruntjs.com/) is a JavaScript task runner. It dramatically saves time on work you have to do when performing recurrent tasks like minification, compilation, unit testing, linting, etc…

Our template use the grunt task to compiling the different scss and html files.

### From the command line:

Install grunt-cli globally with

npm install -g grunt-cli

To install node packages, navigate to the root **markup/** directory, then run

npm install -g grunt-cli

## Grunt Commands

**Gruntfile.js** file contain all the predefined task.

|  |  |
| --- | --- |
| **Command** | **Description** |
| grunt | Default task for start develop.  Watch all scss, html files change and compile it accordingly. |
| grunt cssbeauty | Compile all scss files, auto prefix them, organize them in **dist/css/** folder. |
| grunt imgmin | Optimizes images, organize them in **dist/images/** folder |
| grunt dist | Final Grunt task. compile all the html, css, js files in the **dist/** folder, optimizing the images as well. |