**Gulp.js**



**Download and install npm**

*Step 1:* Download **Node.js** and it comes with NPM (Node Package Management).

NPM (*it* *lets you download stuff from the Internet* )

Step 2:

**In Windows:**

Open **Windows PowerShell** - Right click and Run as an Administrator

**MacOS**

Open the **Terminal** - type “sudo” to run the command as an Administrator

**Recommendation**

Remove any old gulp.js version that might installed on your computer by:

**“npm rm gulp -g”**

**Clear: to clear the screen**

*Step 3:* Download Gulp.js by:

**“npm install gulp-cli -g”**

gulp - cli = gulp - command Line Interface

-g = Globally : so you don't need to run gulp in a specific folder or directory

**Setting Up a Project**

*Step 1:* Create an empty directory (Sample Project) in where in your computer to

put all of our assets and with PowerShell navigate to your directory by: “ cd ~” & “ cd copy/paste the directory folder ”

*Step 2:* Initiate npm by: “ npm init” .

It basically create package.json file (fill it out)

*Step 3:* To install gulp in your project, command “ npm install gulp --save-dev ”

npm install gulp --save-dev = I want to install gulp and save as

development dependencies and make sure you are in the same

directory as your project.

*Step 4:* Create the following folders (app/dist)

Any of the source code will go to app folder

Inside app: create the following folders/directories (css, scss) and index.html

**app:** any of the source code will in this folder(scss,sass,jade).

**dist:** when we run those files in in (gulp) the result (css,html) will go to dist folder.

*Step 5:* Create (gulpfile.js) **Important**

In order to use gulp, we need to give it a bunch of task of instructions which will be

Inside this file. It depends on you project

**Creating Task**

*Step 1:*

* Declare a variable (**var gulp = require(‘ gulp ’));** )
* Declare function **gulp.task(‘ task-name ’ , function() {**

**//do something here**

**});**