**Gulp Workshop Setup Instructions**

**Following are the steps for installation of Gulp related software on Windows systems.**

Please read the complete instructions and **follow exactly as per the instruction and install exactly in the mentioned folders.**

**Note:    <Drive>:  mentioned below is C: or D: or E: or F: etc. wherever space is available for installation.**

1. Install Node.js [ **node-v4.5.0-x86.msi**  - Windows 32 bit installer ]. **Admin privileges is required.**
   1. <https://nodejs.org/dist/v4.5.0/node-v4.5.0-x86.msi>
2. Install Notepad++ 6.9.2 [ **npp.6.9.2.Installer.exe** ]. **Admin privileges is required.**
   1. <https://notepad-plus-plus.org/repository/6.x/6.9.2/npp.6.9.2.Installer.exe>
3. Install the latest version of **Google Chrome**.
4. You can create a folder **gulp\_workshop** under **<Drive>:\**
5. **If not present**, create  the folder “npm” under C:\Users\<username>\AppData\Roaming.    If the folder “AppData” is not shown, Go to File Explorer | Organize | Folder and search options | View tab. **Click** on the radio button **“Show hidden files, folders, and drives”**.
6. Goto “**Node.js command prompt**”. (**Use the shortcut** present under the “Node.js” traversed through “Start | All Programs”.
   1. Change directory to **<Drive>:\gulp\_workshop**
7. **IMPORTANT NOTE:** This step is required only if you are installing behind Wipro proxy. **Otherwise, do not issue the below commands.**

If behind Wipro proxy, Configuring proxy for node.js is important using npm config. Only if **proxy** is configured, “npm  install” will work properly.

* **npm config set proxy**[**http://ADUserID:ADpassword@proxyname:port**](http://ADUserID:ADpassword@proxyname:port)
* **npm config set https-proxy**[**http://ADUserID:ADpassword@proxyname:port**](http://LDAP-ADUserID:LDAP-ADpassword@proxyname:port)

If the ADpassword contains special characters like @#$% etc., refer the link <http://www.w3schools.com/tags/ref_urlencode.asp> to mention the character in encoded form. For example, if **@** is present in password, it should be mentioned as **%40**

* **IMPORTANT (OPTIONAL STEP – NOT A REGULAR ONE) :** In case, you have already set the proxy config wrongly and want to run the remaining commands from Direct Connection To Internet, then to delete the proxy configuration, execute the following commands.
  + **npm config delete proxy**
  + **npm config delete https-proxy**

1. **Ensure** you are in the directory **<Drive>:\gulp\_workshop** in Node.js command prompt.

Run the following commands (**In case, you get error in any of the npm install, it may be a temporary problem. Note down and retry later**).

[**Note:** Do not copy paste the command from this Word document. Type the command manually].

npm init –y

npm install --save-dev babel-preset-es2015@6.6.0

npm install --save-dev babelify@7.2.0

npm install --save-dev browser-sync@2.11.2

npm install --save-dev browserify@13.0.0

npm install --save-dev exorcist@0.4.0

npm install --save-dev gulp@3.9.1

npm install --save-dev gulp-autoprefixer@3.1.0

npm install --save-dev gulp-clean-css@2.0.4

npm install --save-dev gulp-concat@2.6.0

npm install --save-dev gulp-if@2.0.0

npm install --save-dev gulp-imagemin@2.4.0

npm install --save-dev gulp-jscs@3.0.2

npm install --save-dev gulp-jshint@2.0.0

npm install --save-dev gulp-less@3.0.5

npm install --save-dev gulp-load-plugins@1.2.0

npm install --save-dev gulp-plumber@1.1.0

npm install --save-dev gulp-print@2.0.1

npm install --save-dev gulp-task-listing@1.0.1

npm install --save-dev gulp-uglify@1.5.3

npm install --save-dev gulp-util@3.0.7

npm install --save-dev jshint@2.9.1

npm install --save-dev vinyl-buffer@1.0.0

npm install --save-dev vinyl-source-stream@1.1.0

npm install --save-dev watchify@3.7.0

npm install --save-dev yargs@4.3.1

npm install –g gulp@3.9.1

1. Be in **Node.js command prompt** and ensure you are in the directory **<Drive>:\gulp\_workshop** and thenCreate a directory “**code**” under **<Drive>:\gulp\_workshop**
2. During the training session on **Gulp**, while trying out each concept, you can create a separate sub-folder under **“code”** to try out each concept.