**Webpack Workshop Setup Instructions**

**Following are the steps for installation of Webpack 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-v4.6.0-x86.msi**  - Windows 32 bit installer ]. **Admin privileges is required.**
   1. <https://nodejs.org/dist/v4.6.0/node-v4.6.0-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 **webpack\_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>:\webpack\_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://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>:\webpack\_workshop** in Node.js command prompt.

Run the following commands

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

npm init -y

npm install --save-dev autoprefixer-loader@3.2.0

npm install --save-dev babel-loader@6.2.2

npm install --save-dev babel-preset-es2015@6.5.0

npm install --save-dev babel-preset-react@6.5.0

npm install --save-dev css-loader@0.23.1

npm install --save-dev extract-text-webpack-plugin@1.0.1

npm install --save-dev jshint-loader@0.8.3

npm install --save-dev less-loader@2.2.2

npm install --save-dev sass-loader@3.1.2

npm install --save-dev strip-loader@0.1.2

npm install --save-dev style-loader@0.13.0

npm install --save-dev url-loader@0.5.7

npm install -g webpack@1.12.14

npm install -g webpack-dev-server@1.14.1

npm install -g http-server@0.9.0

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