**Project Management Analytics – Complete Project Setup (Revised 12/08/15):**

**Download and install Node JS Upgrade**

1. Uninstall current version of node
2. Delete existing node folder – probably C:\Program Files\nodejs
3. Download latest release: <https://nodejs.org/en/download/>



1. Open a windows command prompt and upgrade npm package manager using command below. Note: With the new version of node.js you will have to run any global commands as an administrator. I suggest creating a shortcut on your desktop as a convenience. Right click on the command prompt and select “Run as Administrator”

 Click on the Windows icon in lower left corner

 Drag ‘Command Prompt’ to desktop

 Right click the shortcut and select ‘Run as Administrator’

Run the command below

npm install –g npm

You can check that you have Node and npm installed from a windows command:

* Use your newly created shortcut – or Press Win+**R** on your keyboard to open a command prompt
* Type cmd and click OK
* Type: node --version && npm –version and hit enter
* You should see something like the below display
* node --version && npm --version

**Install GIT (If you haven’t already done so)**<http://git-scm.com/>



Just go with the default options.  
You can check if you have GIT installed by typing the following from a command prompt:

git --version

**Install the Yeoman Toolset**

From a windows command prompt type and enter the following:

npm install --global yo bower grunt-cli

You can check that you have everything properly installed by running the following from the command prompt

yo --version && bower --version && grunt --version

**Accessing the SVN Repository:**

**Download Tortoise SVN (You probably have 64-bit system – so choose “for 64-bit OS**

<http://tortoisesvn.net/downloads.html>



* Create a directory on your hard drive. You can place it on your C – or wherever you like. Choose any name that suits you: Something like: C:/pmAnalytics
* Click on the newly created folder - once inside the folder
  + Right click. Select SVN Checkout
  + Enter credentials
  + Enter the following url for the url of the repository: <http://svn.itradenetwork.com/devsvn/TPAnalytics/trunk/client>PMA/



* Click OK

**Once you have completed all of the above steps**

Open a windows command prompt and navigate to the application folder. For me it looks like this:

C:\Users\ddeloy\TPAnalyticsProject\pmAnalytics>

Run the following 2 commands:

* **npm install**: You will likely see some errors during the installation. Ignore them – they are just Yeoman features that are currently not in use. Eventually, I will clean this up and remove all unused dependencies.
* **bower install**

**Note:** You should re-run the above 2 tasks again after taking latest updates from the repository (just in case I have added additional dependencies)

**Anytime you want to run the client side application** – do the following

From the application directory noted above – type the following command and hit enter. The application will automatically be served up on localhost: 9000 in your default browser

grunt serve

**To build and run the distributed application –**

From the application directory open a command prompt and run ‘grunt’

grunt

This will generate a ‘dist’ folder. From the dist folder run the compiled app using a local host to serve up the app. See instructions below to install Python Simple HTTP Server.

**Installing Python**

<https://www.python.org/downloads/windows/>



… and you’re good to go

C:\Users\ddeloy\TPAnalyticsProject\pmAnalytics\dist>py –m http.server 9000

<http://localhost:9000/>