Node js

1. Install Node js from nodejs.org:

Node was installed at

    /usr/local/bin/node

npm was installed at

   /usr/local/bin/npm

Make sure that /usr/local/bin is in your $PATH.

2. open .bash\_profile

3. PATH=$PATH: /usr/local/bin/node

4. PATH=$PATH: /usr/local/bin/npm

5. http://blog.teamtreehouse.com/install-node-js-npm-mac

6. Create a new project on web storm

7. install the following from the web storm command line which is npm command line tool,

$ npm install nightwatch

2. 8. create a night watch.json file under the project

3. 9. Download Selenium Server

4. install web storm, create a project,

4. configure the The nightwatch.json under configuration

5. http://nightwatchjs.org/guide#usage

6. Create a folder tests - and test files as .js

**Global variables:** Create a folder called lib under Project, create a file called global.js and reference in the nightwatch.js file like below

{  
 **"src\_folders"**: [  
 **"tests"** ],  
 **"output\_folder"**: **"reports"**,  
 **"custom\_commands\_path"**: **""**,  
 **"custom\_assertions\_path"**: **""**,  
 **"page\_objects\_path"**: **""**,  
 **"globals\_path"**: **"./lib/globals.js"**,  
  
 **"selenium"**: {  
 **"start\_process"**: **false**,  
 **"server\_path"**: **""**,  
 **"log\_path"**: **""**,  
 **"host"**: **"127.0.0.1"**,  
 **"port"**: 4444,  
 **"cli\_args"**: {  
 **"webdriver.chrome.driver"**: **""**,  
 **"webdriver.ie.driver"**: **""** }  
 },  
 **"test\_settings"**: {  
 **"default"**: {  
 **"launch\_url"**: **"http://localhost"**,  
 **"selenium\_port"**: 4444,  
 **"selenium\_host"**: **"localhost"**,  
 **"silent"**: **true**,  
 **"screenshots"**: {  
 **"enabled"**: **false**,  
 **"path"**: **""** },  
 **"desiredCapabilities"**: {  
 **"browserName"**: **"firefox"**,  
 **"javascriptEnabled"**: **true**,  
 **"acceptSslCerts"**: **true** }  
 },  
 **"chrome"**: {  
 **"desiredCapabilities"**: {  
 **"browserName"**: **"chrome"**,  
 **"javascriptEnabled"**: **true**,  
 **"acceptSslCerts"**: **true** }  
 }  
 }  
}

**globals file can be compiled as below:**

**var *domain*** = {  
 **admin\_url**: **'https://qa.silverbackmdm.com/admin'**,  
};  
  
**var *credentials*** = {  
 **admin\_login**: **'admin'**,  
 **admin\_pswd**: **'S1lverb@ck'**,  
};  
  
  
  
***module***.**exports** = {  
 **domain**: ***domain***,  
 **credentials**: ***credentials***,  
}

**METHODS AND FUNCTIONS:**

Method/Function : always exports

module.**exports** = {  
  
  
 vso13669\_AddDeviceType: **function**() {  
 **return "Ait\_VSO13669\_ModelNum"**;  
 },  
  
 vso13669\_AddDeviceType\_desc: **function**() {  
 **return "Ait\_VSO13669\_desc"**;  
 }  
  
}

**To use in a class, declare as a variable an say it requires**

**var** device\_model\_added = *require*(**"./DeviceTypesTests\_inputdata.js"**);  
**var** device\_model\_description = *require*(**"./DeviceTypesTests\_inputdata.js"**)

http://www.sitepoint.com/understanding-module-exports-exports-node-js/

KEYBOOARDS enter: .keys(**'\uE007'**)

**Upload Files:**

.**setValue**(**'//\*[@id="UploadedCsvFile"]'**, *require*(**'path'**).resolve(***\_\_dirname*** + **'/QA/AdminTab/DeviceTypes/filepaths/DeviceTypesBulkImport.csv'**));

**Database**

Install visual studio 2013 ultimate from

https://drive.google.com/drive/folders/0Bwio0NSo0\_FsNC1TZmpiWWtLS0E with Azure SDK

http://azure.microsoft.com/en-us/downloads/

Launch Visual studio - connect to Microsoft account

the following is the link where the storage is hosted on cmm cloud

(https://manage.windowsazure.com/@jochenjaserhotmail.onmicrosoft.com#Workspaces/StorageExtension/storage)