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## node commands

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```
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npm install
This will install all the packages specified in package.json

npm install protractor
This will install two command line tools locally, protractor and webdriver-manager.
Mostly we use local protractor to run the script

when running webdriver manager locally we use below commands:
node_modules/.bin/webdriver-manager status
node_modules/.bin/webdriver-manager clean
node_modules/.bin/webdriver-manager help
node_modules/.bin/webdriver-manager update help
node_modules/.bin/webdriver-manager update --proxy http://xyz.com:8080
by default it installs/updates the latest version of chrome,gecko driver, and selenium
standalone server
node_modules/.bin/webdriver-manager update --ie --versions.standalone 3.4.0 --versions.ie
3.4.0
--ie: install only ie driver(by default latest version of ie 32 bit),--ie32,--ie64

node_modules/.bin/webdriver-manager update --versions.chrome=76.0.3809.100
node_modules/.bin/webdriver-manager update --ie

node_modules/.bin/webdriver-manager start --seleniumPort=4444 //not needed in our case

  //seleniumAddress = 'http://3.232.165.164:4444/wd/hub'; //not needed in our case
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https://www.protractortest.org/#/

we check installed protractor and webdriver-manager version:
protractor --version
webdriver-manager version

webdriver-manager start  //(needed only when we want run via server otherwise
directConnect:true (given in config file) is faster as script directly talks to chrome driver.)

This will start up a Selenium Server and will output a bunch of info logs. Your Protractor test
will send requests to this server to control a local browser. You can see information about the
status of the server at http://localhost:4444/wd/hub.

conf.js:
exports.config = {
```