Protractor Examples

* Spec.js

describe('angularjs homepage todo list', function()

{

it('should add a todo', function()

{

browser.get('https://angularjs.org');

element(by.model('todoList.todoText')).sendKeys('write first protractor test');

element(by.css('[value="add"]')).click();

var todoList = element.all(by.repeater('todo in todoList.todos'));

expect(todoList.count()).toEqual(3);

expect(todoList.get(2).getText()).toEqual('write first protractor test');

// You wrote your first test, cross it off the list

todoList.get(2).element(by.css('input')).click();

var completedAmount = element.all(by.css('.done-true'));

expect(completedAmount.count()).toEqual(2);

});

});

* Conf.js

exports.config = {

seleniumAddress: 'http://localhost:4444/wd/hub',

specs: ['spec.js']

};

* Calculator

describe('demo calculator tests', function(){

it('addition test', function(){

browser.get('http://juliemr.github.io/protractor-demo/');

element(by.model('first')).sendKeys('2');

element(by.model('second')).sendKeys('4');

element(by.css('[ng-click="doAddition()"]')).click();

let res = element(by.cssContainingText('.ng-binding', '6'));

expect(res.getText()).toEqual('6');

browser.sleep(2000)

});

});

* To take screenshot

conf.js

var HtmlScreenshotReporter = require('protractor-jasmine2-screenshot-reporter');

var reporter = new HtmlScreenshotReporter({

dest: 'target/screenshots',

filename: 'my-report.html'

});

exports.config = {

directConnect: true,

capabilities : {

'browserName': 'chrome'

},

framework: 'jasmine',

specs: ['../tests/calaculator.js],

jasmineNodeOpts: {

defaultTimeoutInterval: 30000

},

// Setup the report before any tests start

beforeLaunch: function() {

return new Promise(function(resolve){

reporter.beforeLaunch(resolve);

});

},

// Assign the test reporter to each running instance

onPrepare: function() {

jasmine.getEnv().addReporter(reporter);

},

// Close the report after all tests finish

afterLaunch: function(exitCode) {

return new Promise(function(resolve){

reporter.afterLaunch(resolve.bind(this, exitCode));

});

}

};