禪

[illegible]

6 [illegible]

[illegible] HTML5 [illegible] CSS [illegible] Node.JS [illegible] IDE [illegible] / [illegible] Komodo, NetBeans, Visual Studio Code, Visual Studio 2017, WebStorm, [illegible] Eclipse [illegible].

[illegible] «[illegible]» [illegible] 198 [illegible].

[illegible]

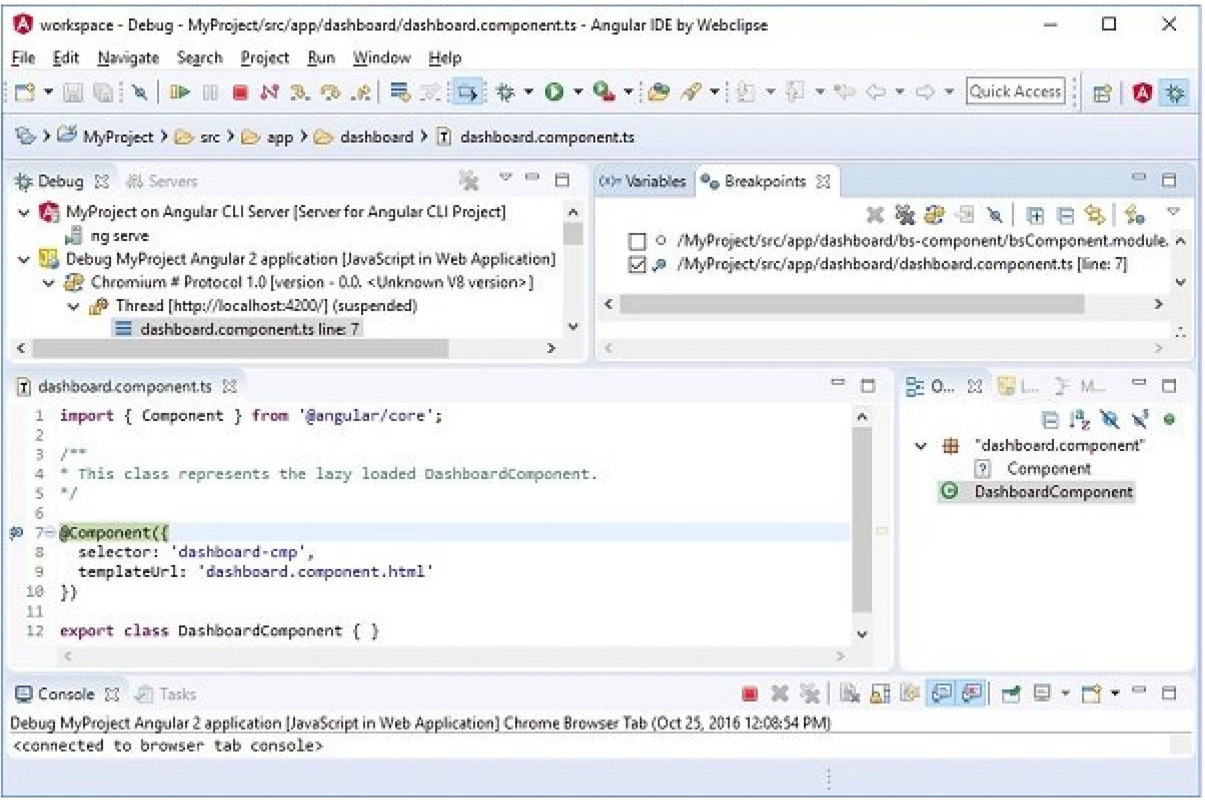
[illegible]
[illegible]
[illegible] (ALM) [illegible] Subversion [illegible] Mercurical [illegible]
Perforce [illegible]
[illegible] ALM [illegible].

Eclipse Neon [illegible] Web Tools Platform

[illegible] Eclipse [illegible]
[illegible] Eclipse Lund [illegible] JSTD [illegible]
[illegible]
[illegible]
[illegible] Eclipse [illegible].
Eclipse Neon 3 [illegible] Web Tools Platform 3.8.2 [illegible]
[illegible] Typescript [illegible]
[illegible] ES6 [illegible] Angular [illegible] JSX [illegible] React [illegible].

[illegible] Komodo IDE [illegible]

[illegible] Eclipse [illegible] Angular
TypeScript [illegible] ES6 [illegible] Angular IDE 2017 CI 4a) [illegible] Webclipse) [illegible] React [illegible]
JSX [illegible] TypeScript IDE 1.1.0 [illegible]
[illegible] TypeScript [illegible] (1 [illegible])
[illegible] Webclipse [illegible] Eclipse [illegible] 8 [illegible]
[illegible]
[illegible] (ES6 [illegible] Angular IDE [illegible] TypeScript [illegible]) [illegible] Code
Live [illegible] macOS [illegible].


workspace - Debug - MyProject/src/app/dashboard/dashboard.component.ts - Angular IDE by Webclipse
File Edit Navigate Search Project Run Window Help
Quick Access
MyProject > src > app > dashboard > dashboard.component.ts
Debug
Servers
Variables
Breakpoints
dashboard.component.ts
O...
L...
M...
Console
Tasks

MyProject on Angular CLI Server [Server for Angular CLI Project]
ng serve
Debug MyProject Angular 2 application [JavaScript in Web Application]
Chromium # Protocol 1.0 [version - 0.0, <Unknown V8 version>]
Thread [http://localhost:4200/] (suspended)
dashboard.component.ts line: 7

☐ /MyProject/src/app/dashboard/bs-component/bsComponent.module.
☑ /MyProject/src/app/dashboard/dashboard.component.ts [line: 7]

```
import { Component } from '@angular/core';

/**
* This class represents the lazy loaded DashboardComponent.
*/

@Component({
  selector: 'dashboard-cmp',
  templateUrl: 'dashboard.component.html'
})

export class DashboardComponent { }
```

"dashboard.component"
Component
DashboardComponent

```
Debug MyProject Angular 2 application [JavaScript in Web Application] Chrome Browser Tab (Oct 25, 2016 12:08:54 PM)
<connected to browser tab console>
```

1 [illegible]

[illegible]

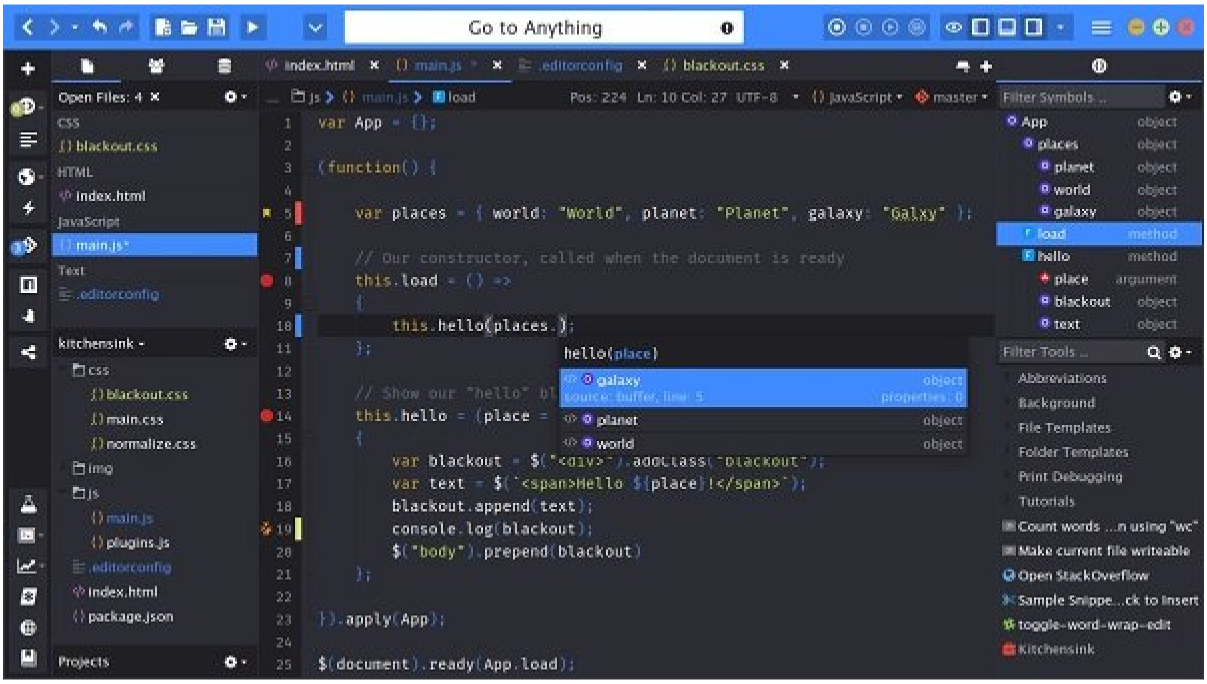
[illegible]

[illegible]

ActiveState Komodo IDE

[illegible] 2001 [illegible] Komodo IDE [illegible] WebStorm [illegible] Sublime Text [illegible] Komodo [illegible] Komodo [illegible].

[illegible] Komodo IDE [illegible] Komodo [illegible] JSHint [illegible] (2 [illegible]).



```
var App = {};

(function() {

    var places = { world: "World", planet: "Planet", galaxy: "Galxy" };

    // Our constructor, called when the document is ready
    this.load = () =>
    {
        this.hello(places.);
    };

    // Show our "hello" bl
    this.hello = (place =
    {
        var blackout = $("<div>").addClass("blackout");
        var text = $(`<span>Hello ${place}!</span>`);
        blackout.append(text);
        console.log(blackout);
        $("body").prepend(blackout)
    };

}).apply(App);

$(document).ready(App.load);
```

[illegible] 2

Komodo IDE [illegible]
[illegible]. [illegible]
[illegible] ...[illegible]
[illegible]. [illegible]
[illegible]. [illegible]
[illegible]. Komodo [illegible]
[illegible]
[illegible] Tcl [illegible] Node.js [illegible]. Komodo IDE [illegible]
[illegible] Sublime Text [illegible] TextMate [illegible]. [illegible]
[illegible] Sublime Text [illegible] komodo IDE [illegible] Komodo IDE [illegible]
[illegible]. [illegible]
Komodo [illegible]
[illegible]. Komodo IDE [illegible]
[illegible]. [illegible] HTTP Inspector [illegible]. [illegible]
[illegible] Ajax [illegible]. [illegible]
[illegible] Rx [illegible] regular expression [illegible] regex [illegible]
[illegible]. [illegible]
Komodo IDE [illegible]. [illegible]. [illegible]
[illegible]
[illegible]. [illegible]
[illegible]. [illegible] Komodo [illegible]
[illegible]. [illegible]
JS Beautifier [illegible]. [illegible]
[illegible] 9 [illegible]. Komodo IDE [illegible]
[illegible] Node.js [illegible].
[illegible] Tcl [illegible] XSLT [illegible]. [illegible]
[illegible] DOM [illegible] HTML [illegible] XML [illegible]
[illegible]. [illegible] Komodo [illegible]
[illegible]. [illegible]
[illegible] Tcl [illegible] XSLT [illegible].

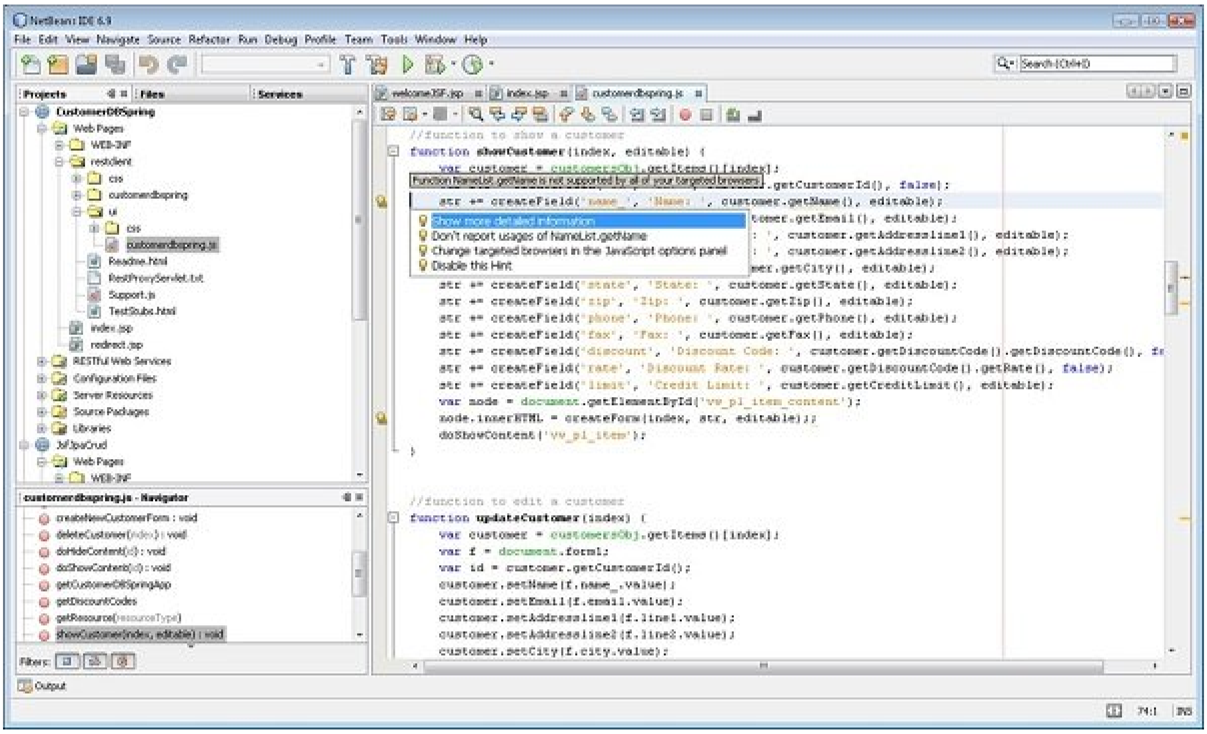
[illegible]

[illegible]

[illegible]!

Oracle NetBeans IDE

NetBeans [illegible] HTML5 [illegible] CSS3 [illegible] Cordova/PhoneGap [illegible]. NeatBeans [illegible]. [illegible]. [illegible] JSP [illegible] HTML [illegible]. [illegible] JQUERY [illegible]. [illegible] 8.2 [illegible] NetBeans [illegible] Mocha, Jade, Knockout.js, AngularJS, Grunt, Gulp, Express[illegible] Node.js[illegible] Selenium [illegible]. ([illegible] 3)



```
//function to show a customer
function showCustomer(index, editable) {
    var customer = customersObj.getItems()[index];
Function NameList.getName is not supported by all of your targeted browsers .getCustomerId(), false);
    str += createField('name_', 'Name: ', customer.getName(), editable);
    Show more detailed information     tomer.getEmail(), editable);
    Don't report usages of NameList.getName    : ', customer.getAddressline1(), editable);
    Change targeted browsers in the JavaScript options panel    : ', customer.getAddressline2(), editable);
    Disable this Hint                 mer.getCity(), editable);
    str += createField('state', 'State: ', customer.getState(), editable);
    str += createField('zip', 'Zip: ', customer.getZip(), editable);
    str += createField('phone', 'Phone: ', customer.getPhone(), editable);
    str += createField('fax', 'Fax: ', customer.getFax(), editable);
    str += createField('discount', 'Discount Code: ', customer.getDiscountCode().getDiscountCode(), fr
    str += createField('rate', 'Discount Rate: ', customer.getDiscountCode().getRate(), false);
    str += createField('limit', 'Credit Limit: ', customer.getCreditLimit(), editable);
    var node = document.getElementById('vv_pl_item_content');
    node.innerHTML = createForm(index, str, editable);;
    doShowContent('vv_pl_item');
}


//function to edit a customer
function updateCustomer(index) {
    var customer = customersObj.getItems()[index];
    var f = document.form1;
    var id = customer.getCustomerId();
    customer.setName(f.name_.value);
    customer.setEmail(f.email.value);
    customer.setAddressline1(f.line1.value);
    customer.setAddressline2(f.line2.value);
    customer.setCity(f.city.value);
```

3 [illegible]

NeatBeans [illegible]. [illegible] WebKit [illegible] NetBeans Connector [illegible]. [illegible] DOM [illegible] XMLHttpRequest[illegible] watches [illegible]. [illegible].

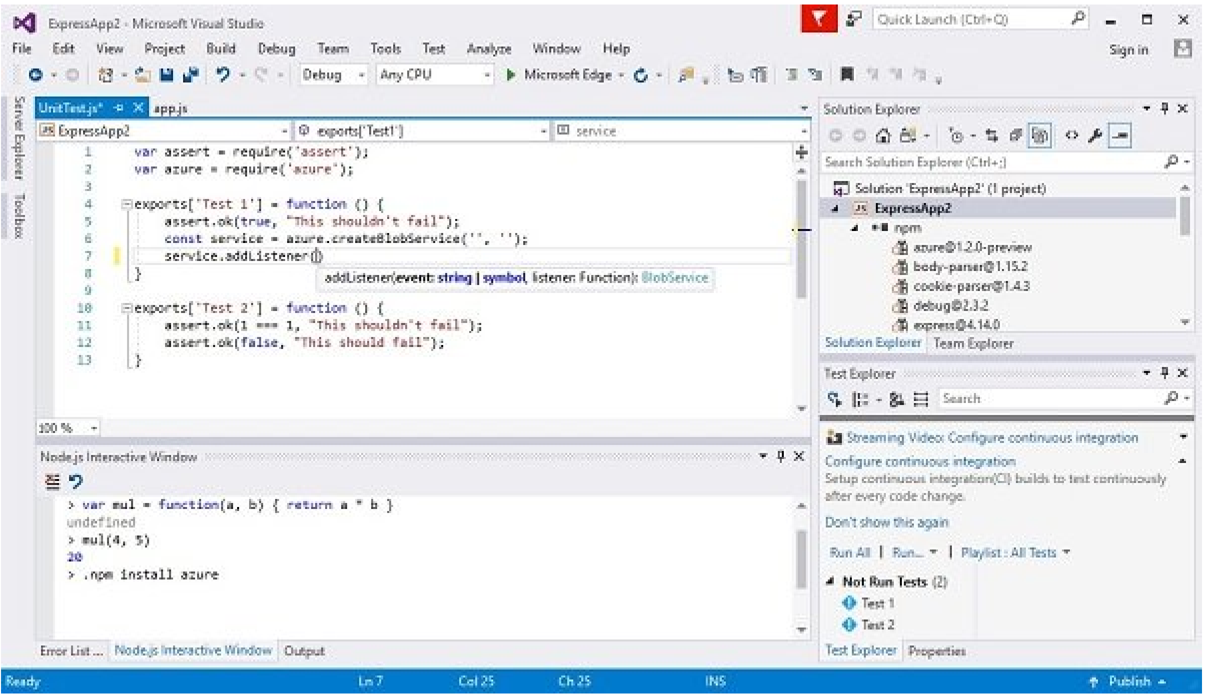
WebStorm [illegible] HTML، CSS [illegible]

[illegible] NetBeans Connector [illegible] CSS [illegible] Chrome Developer Tools [illegible] NeatBeans [illegible] CSS [illegible] NeatBeans Connector [illegible] call stacks [illegible] WebSocket [illegible] NetBeans [illegible].

[illegible] Komodo [illegible]

Microsoft Visual Studio 2017

[illegible] Microsoft Visual Studio 2017 [illegible] 2017 [illegible] Net. [illegible] WebStorm [illegible] Sublime Text [illegible] 4 [illegible] 2017 [illegible] HTML [illegible] CSS [illegible] (Markdown) [illegible] TypeScript [illegible] SQL Server [illegible].



```
var assert = require('assert');
var azure = require('azure');

exports['Test 1'] = function () {
    assert.ok(true, "This shouldn't fail");
    const service = azure.createBlobService('', '');
    service.addListener()
}

exports['Test 2'] = function () {
    assert.ok(1 === 1, "This shouldn't fail");
    assert.ok(false, "This should fail");
}
```

```
addListener(event: string | symbol, listener: Function): BlobService
```

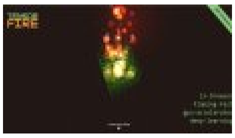
```
> var mul = function(a, b) { return a * b }
undefined
> mul(4, 5)
20
> .npm install azure
```

Configure continuous integration

Setup continuous integration(CI) builds to test continuously after every code change.

4 [illegible]

[illegible]



[illegible]

[illegible]

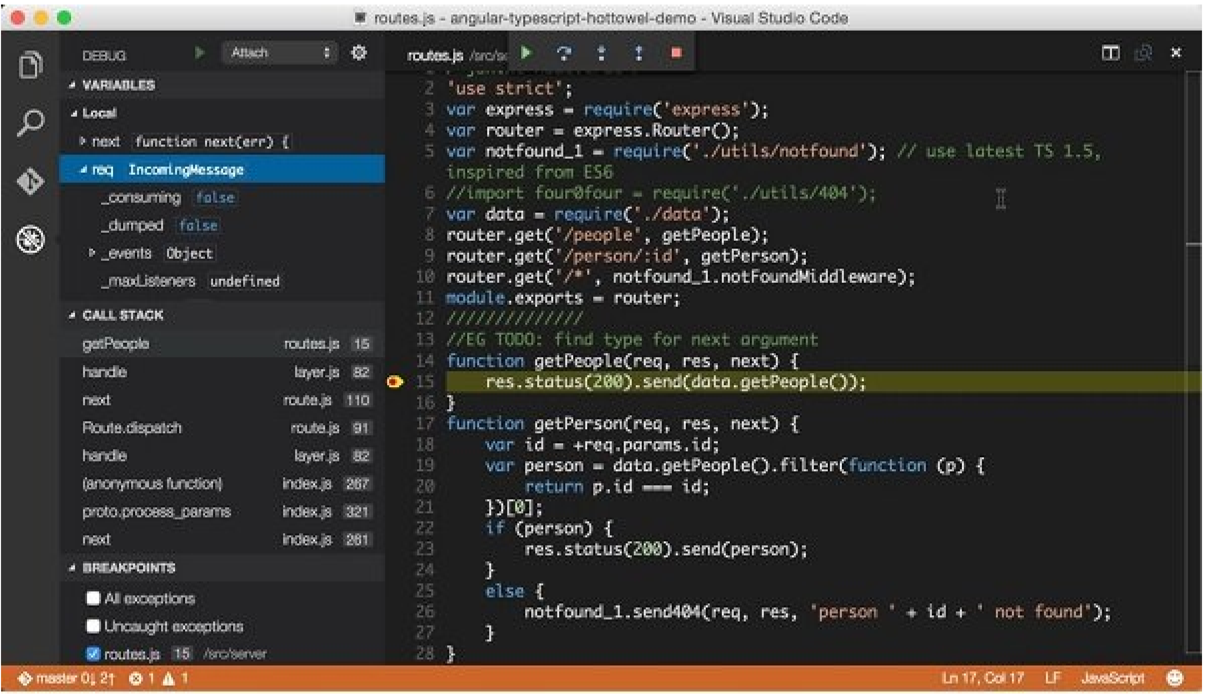
[illegible] SQL Server Management Studio [illegible] 2017 [illegible] Page Inspector [illegible] 2017 [illegible] 2017 [illegible] IntelliSense [illegible] Node.Js [illegible] NPM [illegible] TypeScript [illegible] Azure Web Apps [illegible] Azure Cloud [illegible] CSS, HTML, JavaScript, TypeScript, [illegible] CoffeeScript [illegible] Less [illegible].

Microsoft Visual Studio Code

Microsoft Visual Studio Code [illegible]

[illegible] Atom Electron shell [illegible]. [illegible] ASP.Net Core [illegible] Node.js [illegible]. [illegible] MacOS [illegible]. [illegible] Visual Studio Code [illegible] Salsa [illegible] Visual Studio Code [illegible] TypeScript [illegible]. [illegible] OwnProperty [illegible]. (5 [illegible]) [illegible] IntelliSense [illegible]. [illegible]. [illegible] IntelliSense [illegible] d.ts [illegible] DefinitelyTyped [illegible]. [illegible]. [illegible] Visual Studio Code [illegible] Git [illegible]. [illegible] Visual Studio Code [illegible] Node.Js [illegible]. [illegible] HTML, CSS, Less, Sass [illegible] JSON [illegible]. [illegible] Angular [illegible] react [illegible]. [illegible] TypeScript [illegible].

[illegible]



```
'use strict';
var express = require('express');
var router = express.Router();
var notfound_1 = require('./utils/notfound'); // use latest TS 1.5,
inspired from ES6
//import four0four = require('./utils/404');
var data = require('./data');
router.get('/people', getPeople);
router.get('/person/:id', getPerson);
router.get('/*', notfound_1.notFoundMiddleware);
module.exports = router;
//////////////
//EG TODO: find type for next argument
function getPeople(req, res, next) {
    res.status(200).send(data.getPeople());
}
function getPerson(req, res, next) {
    var id = +req.params.id;
    var person = data.getPeople().filter(function (p) {
        return p.id === id;
    })[0];
    if (person) {
        res.status(200).send(person);
    }
    else {
        notfound_1.send404(req, res, 'person ' + id + ' not found');
    }
}
```

5 [illegible]

[illegible]

ES6 [illegible]

[illegible] 10

JetBrains WebStorm

WebStorm [illegible] CSS [illegible] HTML [illegible] WebStorm [illegible] WebSorm [illegible] HTML [illegible] WebStorm [illegible] DOM [illegible] WebStorm [illegible] WebStorm [illegible] WebStorm [illegible].

[illegible] DOM [illegible]

[illegible] TypeScript [illegible]. WebStorm [illegible] TypeScript [illegible] TypeScript [illegible] CoffeeScript [illegible]. WebStorm [illegible] CoffeeScript [illegible] WebStorm [illegible] Dart, EJS, HTML, Internationalization, Less, Sass, [illegible] XML, XPath [illegible] XSLT [illegible]. WebStorm [illegible] JSHint [illegible] JQUERY [illegible]. WebStorm [illegible] Node.Js [illegible] Node.js [illegible]. WebStorm [illegible] HTML [illegible].

[illegible] watch view [illegible] LiveEdit [illegible].

[illegible]:

[illegible]

[illegible]:

Infoworld

[illegible]:

[illegible]

[illegible]:

10:30 - 13/10/1396

[illegible]:

[illegible] Komodo ID - [illegible] - [illegible] - JetBrains WebStorm - [illegible] - WebStorm

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[illegible]

[illegible]: https://www.shabakeh-mag.com/cover-story/11231/6-%D9%85%D9%88%D8%B1%D8%AF-%D8%A7%D8%B2-%D8%A8%D9%87%D8%AA%D8%B1%DB%8C%D9%86-%D9%85%D8%AD%DB%8C%D8%B7%E2%80%8C%D9%87%D8%A7%DB%8C-%D8%AA%D9%88%D8%B3%D8%B9%D9%87-%DB%8C%DA%A9%D9%BE%D8%A7%D8%B1%DA%86%D9%87-%D9%88%DB%8C%DA%98%D9%87-%D8%AC%D8%A7%D9%88%D8%A7-%D8%A7%D8%B3%DA%A9%D8%B1%DB%8C%D9%BE%D8%AA