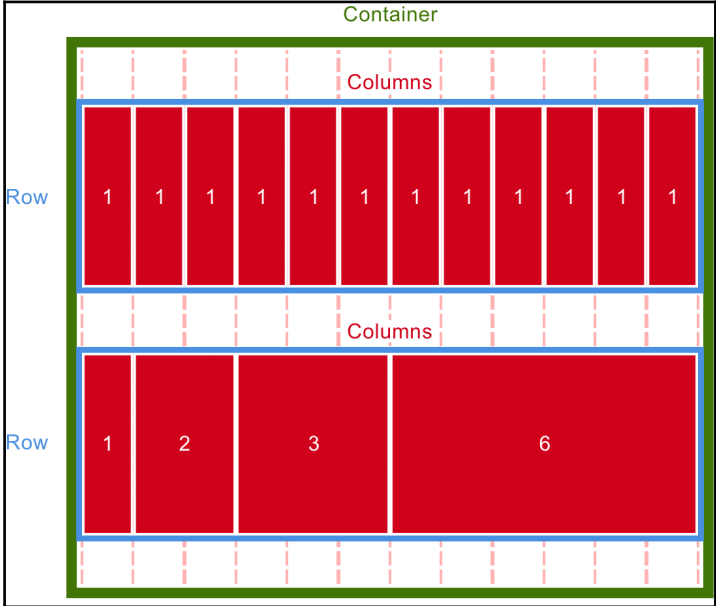


Chapter 2: Enhancing Your User Interface



Chapter 3: Working with Data

New Project

Project name [?]

Your project ID will be angular-blog-166218 [?] [Edit](#)

Please email me updates regarding feature announcements, performance suggestions, feedback surveys and special offers.

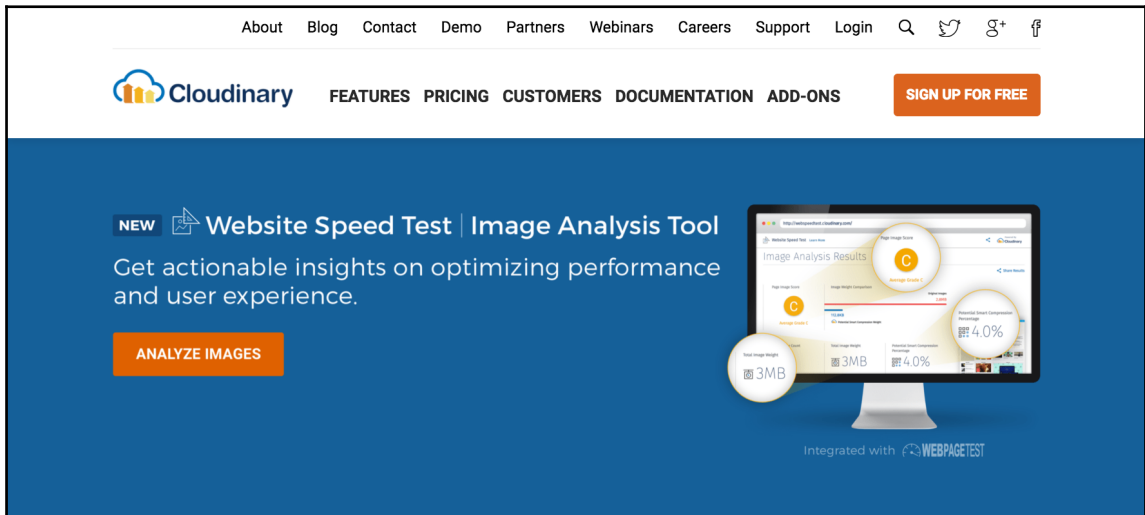
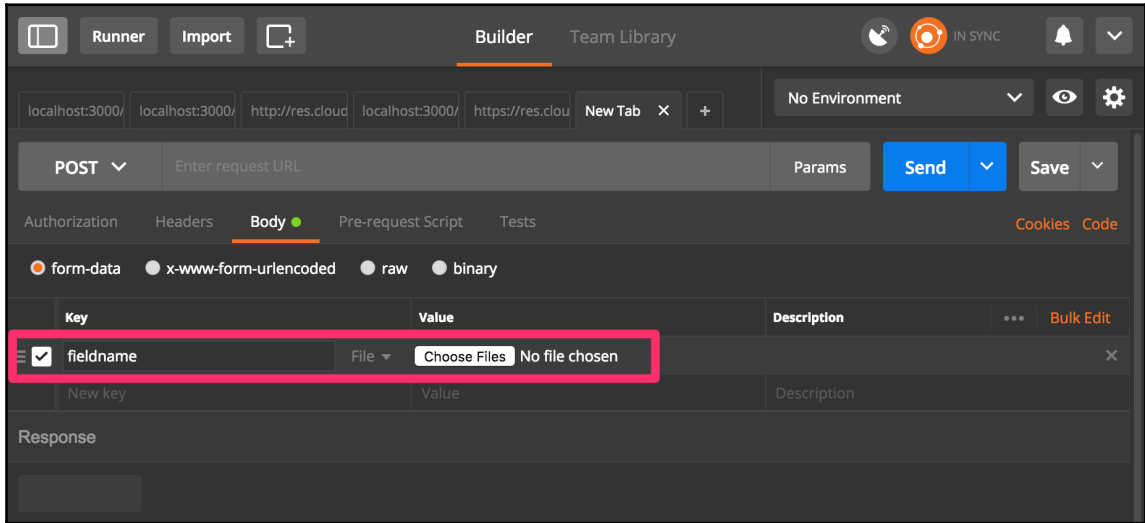
Yes No

I agree that my use of any [services and related APIs](#) is subject to my compliance with the applicable [Terms of Service](#).

Yes No

The screenshot shows the Google APIs console interface. At the top, the navigation bar includes the Google APIs logo, the project name "Angular Blog", a search bar, and several utility icons. The left sidebar contains a menu with "API Manager" and sub-items: "Dashboard", "Library", and "Credentials" (which is highlighted). The main content area is titled "Credentials" and has three tabs: "Credentials" (active), "OAuth consent screen", and "Domain verification". A modal dialog is open, listing four credential types: "API key" (described as a simple key for quota and access), "OAuth client ID" (for user consent), "Service account key" (for server-to-server authentication), and "Help me choose" (a guided selection tool). A "Create credentials" button with a dropdown arrow is at the bottom of the modal.

Chapter 6: Cloud Service Integrations



SIGN UP TO CLOUDINARY

Your name:

E-mail:

Password:

Country:

United States

Phone: *(Optional)*

Company or site name: *(Optional)*

Assigned cloud name: **mean-stack-cookbook** [Edit](#)

By clicking Create Account you agree to Cloudinary's [Terms of Service](#) and [Privacy Policy](#)

CREATE ACCOUNT

Cloudinary is the image back-end for web and mobile developers. An end-to-end solution for all your image-related needs.

 Image Upload

 Cloud Storage


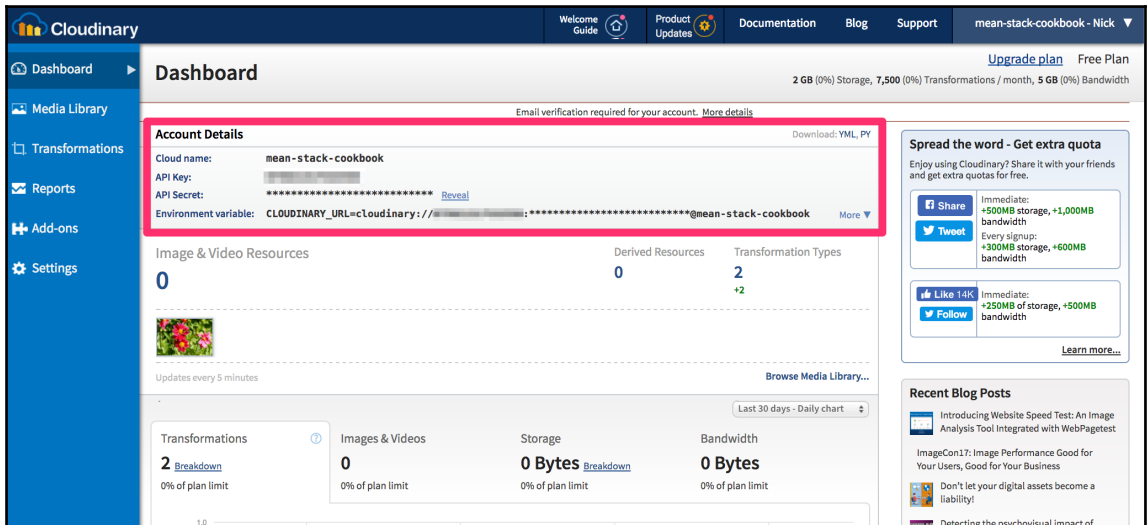
 Powerful Administration

 Image Manipulation

 Fast Delivery

LEARN MORE



The screenshot shows the Cloudinary dashboard for the account 'mean-stack-cookbook'. The 'Account Details' section is highlighted with a red box and includes the following information:

- Cloud name: mean-stack-cookbook
- API Key: [REDACTED]
- API Secret: [REDACTED]
- Environment variable: CLOUDINARY_URL=ccloudinary://[REDACTED]:[REDACTED]@mean-stack-cookbook

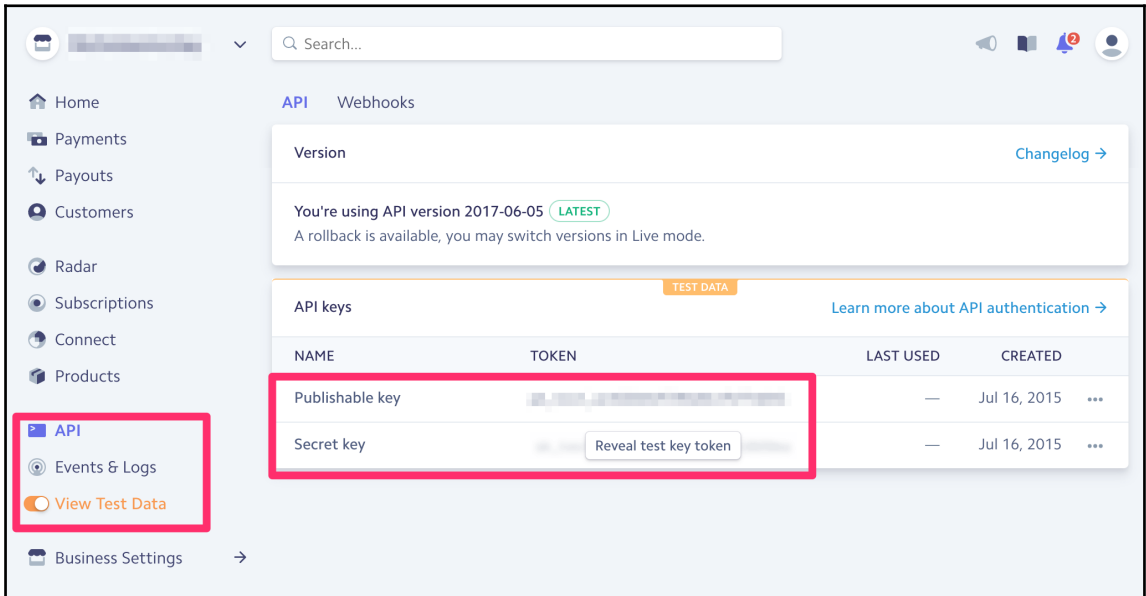
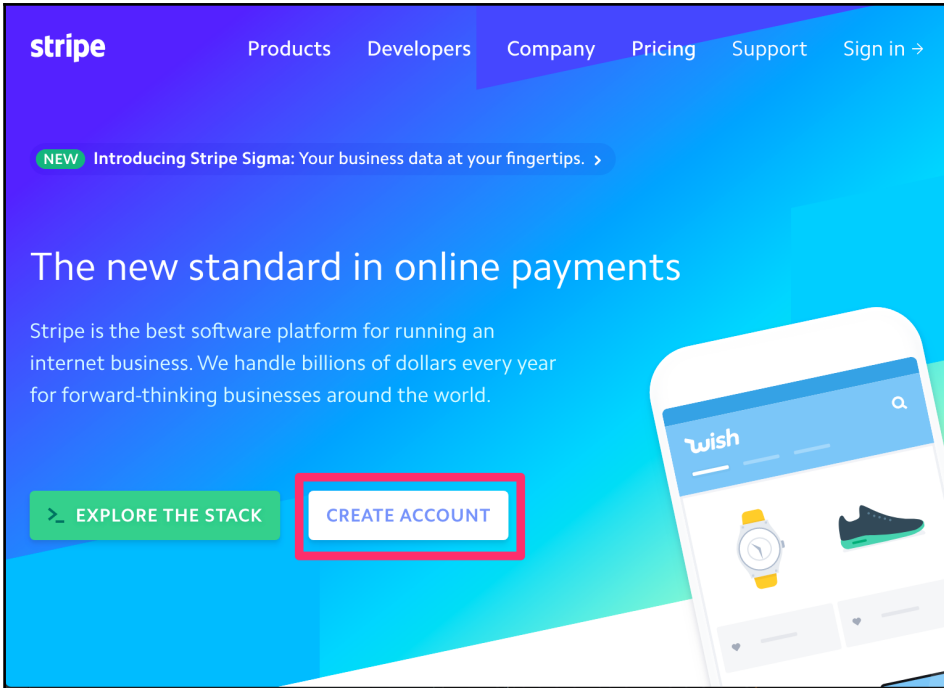
Below the account details, there are resource usage metrics:

- Image & Video Resources: 0
- Derived Resources: 0
- Transformation Types: 2 (+2)

At the bottom, there are four charts showing usage percentages of plan limits:

- Transformations: 2 Breakdown, 0% of plan limit
- Images & Videos: 0, 0% of plan limit
- Storage: 0 Bytes Breakdown, 0% of plan limit
- Bandwidth: 0 Bytes, 0% of plan limit

On the right side of the dashboard, there are promotional banners for 'Spread the word - Get extra quota' and 'Recent Blog Posts'.



Donations


This blog is made possible by

Pay with Card

users like you!

MEAN Stack Blog ✕
Donation

✉ nmccly@nickmccly.com

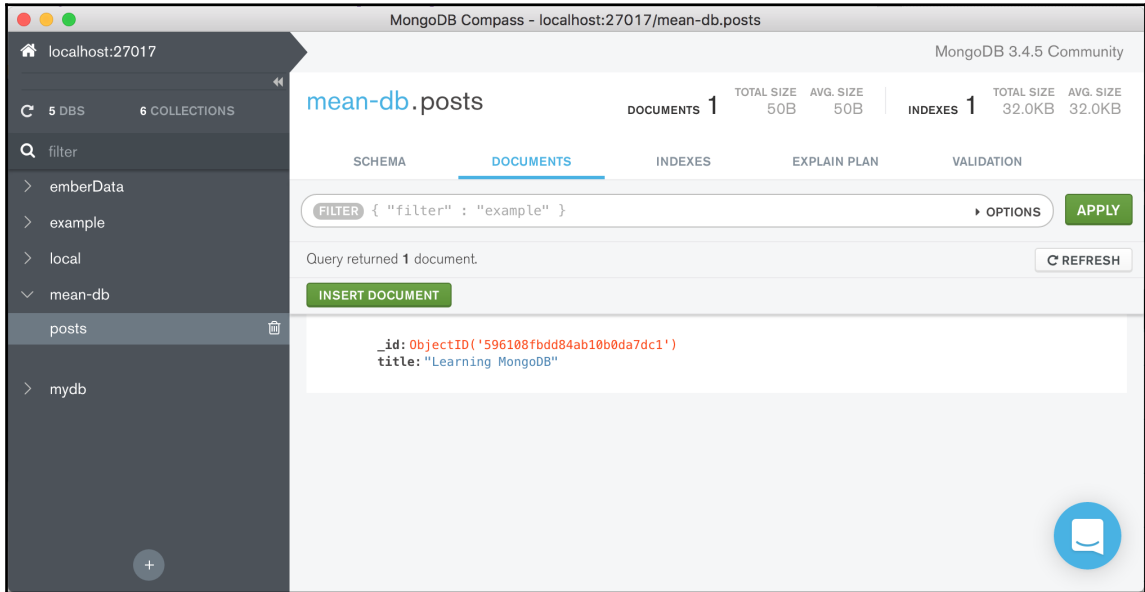
4242 4242 4242 4242 

📅 02 / 2020 🔒 123

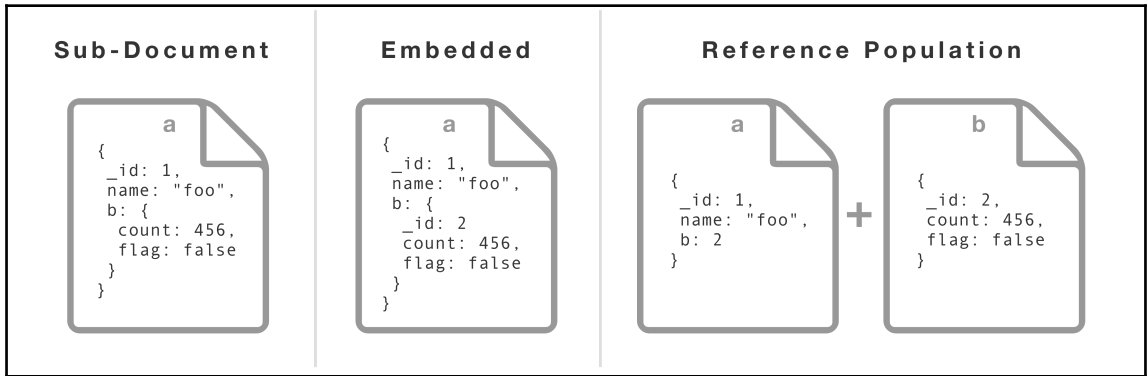
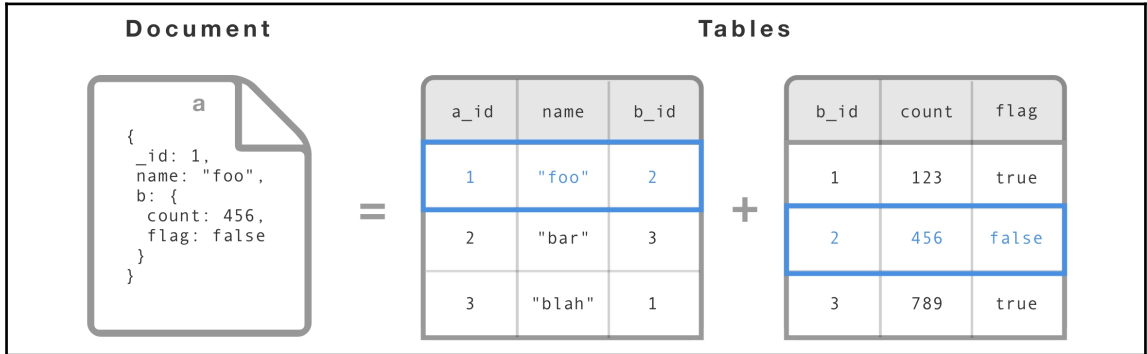
Remember me

Pay \$5.00

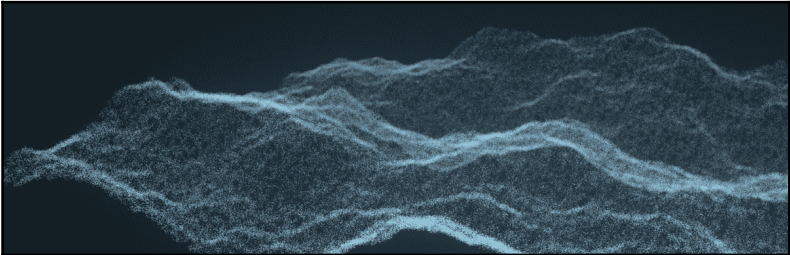
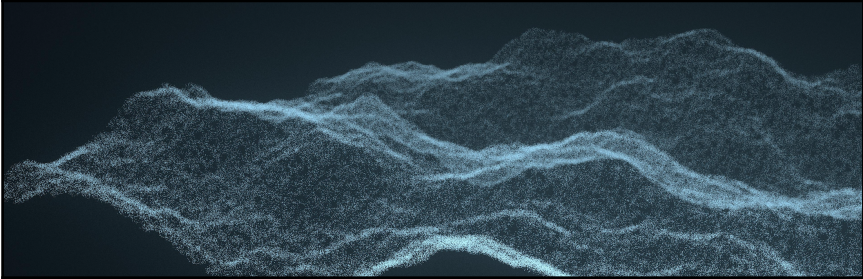
Chapter 7: MongoDB and Mongoose



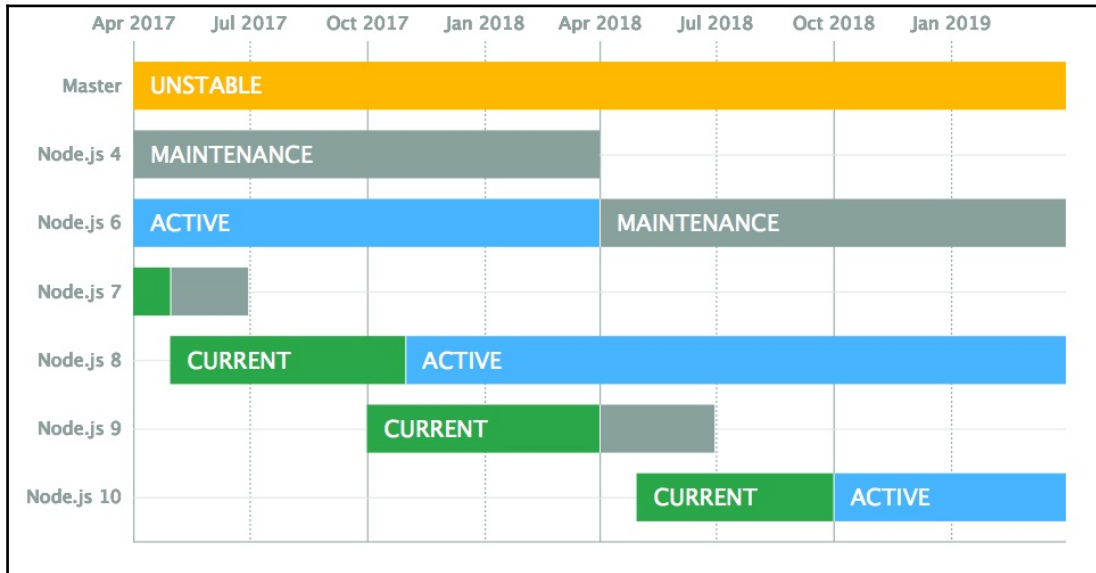
Chapter 8: Relationships



Chapter 9: Build Systems and Optimizations



Chapter 10: Debugging

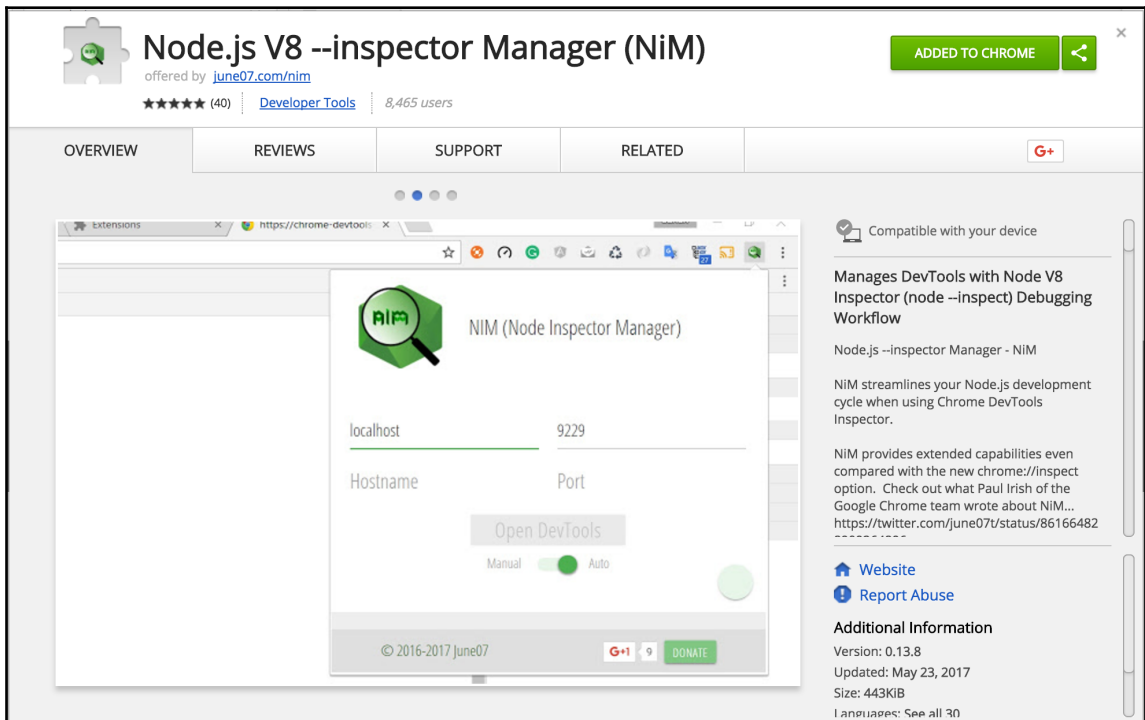


```
nmccLay@NMCCLAY-MBP Sat Aug 26 01:59 PM — ~/WebstormProjects/my-express-project
(master|*) .: npm run debug

> my-express-project@0.0.0 debug /Users/nmccLay/WebstormProjects/my-express-project
> DEBUG=express* node debug ./dist/express.bundle.js

< Debugger listening on [::]:5858
connecting to 127.0.0.1:5858 ... ok
break in dist/express.bundle.js:1
> 1 module.exports =
  2 /*****/ (function(modules) { // webpackBootstrap
  3 /*****/   // The module cache
debug> cont
```

```
< Sat, 26 Aug 2017 17:59:01 GMT express:router use '/' session
< Sat, 26 Aug 2017 17:59:01 GMT express:router:layer new '/'
< Sat, 26 Aug 2017 17:59:01 GMT express:router use '/' router
< Sat, 26 Aug 2017 17:59:01 GMT express:router:layer new '/'
< Sat, 26 Aug 2017 17:59:01 GMT express:router use '/api' router
< Sat, 26 Aug 2017 17:59:01 GMT express:router:layer new '/api'
< Sat, 26 Aug 2017 17:59:01 GMT express:router use '/' <anonymous>
< Sat, 26 Aug 2017 17:59:01 GMT express:router:layer new '/'
< Sat, 26 Aug 2017 17:59:01 GMT express:blog-app launching express:blog-app...
break in dist/express.bundle.js:1118
 1116   console.error('failed to connect to MongoDB..', error);
 1117 });
>1118 debugger;
 1119 exports.mongooseConnection = mongoose.connection;
 1120
debug>
```



Node.js V8 --inspector Manager (NiM)
offered by june07.com/nim
★★★★★ (40) | [Developer Tools](#) | 8,465 users

ADDED TO CHROME

OVERVIEW | REVIEWS | SUPPORT | RELATED

Compatible with your device

Manages DevTools with Node V8 Inspector (node --inspect) Debugging Workflow

Node.js --inspector Manager - NiM

NiM streamlines your Node.js development cycle when using Chrome DevTools Inspector.

NiM provides extended capabilities even compared with the new chrome://inspect option. Check out what Paul Irish of the Google Chrome team wrote about NiM... <https://twitter.com/june07/status/86166482>

[Website](#)
[Report Abuse](#)

Additional Information
Version: 0.13.8
Updated: May 23, 2017
Size: 443KiB
Languages: See all 30

chrome-devtools://devtools/bundled/ins...

Profiler Ember Memory Console Sources

Sources >> express.bundle.js x

Source Map detected. more never show x

```
1 (function (exports, require, module, __filename, __dirname) { module.exports =
2 /*****/ (function(modules) { // webpackBootstrap
3 /*****/ // The module cache
4 /*****/ var installedModules = {};
5 /*****/
6 /*****/ // The require function
7 /*****/ function __webpack_require__(moduleId) {
8 /*****/
9 /*****/ // Check if module is in cache
10 /*****/ if(installedModules[moduleId]) {
11 /*****/ return installedModules[moduleId].exports;
12 /*****/ }
13 /*****/ // Create a new module (and put it into the cache)
14 /*****/ var module = installedModules[moduleId] = {
15 /*****/   i: moduleId,
16 /*****/   l: false,
17 /*****/   exports: {}
18 /*****/ };
19 /*****/
20 /*****/ // Execute the module function
21 /*****/ modules[moduleId].call(module.exports, module, module.exports, __we
22 /*****/
23 /*****/ // Flag the module as loaded
24 /*****/ module.l = true;
25 /*****/
26 /*****/ // Return the exports of the module
27 /*****/ return module.exports;
28 /*****/ }
29 /*****/
30 /*****/
31 /*****/ // expose the modules object (__webpack_modules__)
32 /*****/ __webpack_require__.m = modules;
33 /*****/
34 /*****/ // expose the module cache
35 /*****/ __webpack_require__.c = installedModules;
36 /*****/
37
38 {}
```

Debugger paused

Watch

Call Stack

- (anonymous) express.bundle.js:1
- Module_compile module.js:570
- Module_extensions.js module.js:584
- Module.load module.js:507
- tryModuleLoad module.js:470
- Module_load module.js:462
- Module.runMain module.js:609
- startup bootstrap_node.js:158
- (anonymous) bootstrap_node.js:578

Scope

Local

- exports: {}
- module: Module {id: ".", exports: {}, paren
- require: f require(path)
- this: Object
 - __dirname: "/Users/nmccly/WebstormProjects/
 - __filename: "/Users/nmccly/WebstormProjects/

Global global

Breakpoints No Breakpoints

chrome-devtools://devtools/bundled/inspe...

Profiler Ember Memory Console Sources

Sources >> Database.ts x express.bundle.js

```
1 import * as mongoose from 'mongoose';
2 import * as mocks from './mocks';
3 import * as bluebird from 'bluebird';
4
5 import { ConnectionBase } from "mongoose";
6
7 var env = process.env.NODE_ENV || 'development';
8 global.Promise = bluebird;
9 (-any-mongoose).Promise = bluebird;
10
11 mongoose.connect('mongodb://localhost/mean-db').then(function() {
12   if (env === 'development') {
13     mongoose.connection.db.dropDatabase().then(function() {
14       mocks.generateAuthorAndPosts(3);
15       mocks.generateAuthorAndPosts(3);
16       mocks.generateAuthorAndPosts(3);
17       mocks.generateAdmin();
18     });
19   }
20 }, function(error) {
21   console.error('failed to connect to MongoDB...', error);
22 });
23
24 debugger;
25
26 export const mongooseConnection:ConnectionBase = mongoose.connection;
27
28
29
30 // WEBPACK FOOTER //
31 // ./src/Database.ts
```

Debugger paused

Watch

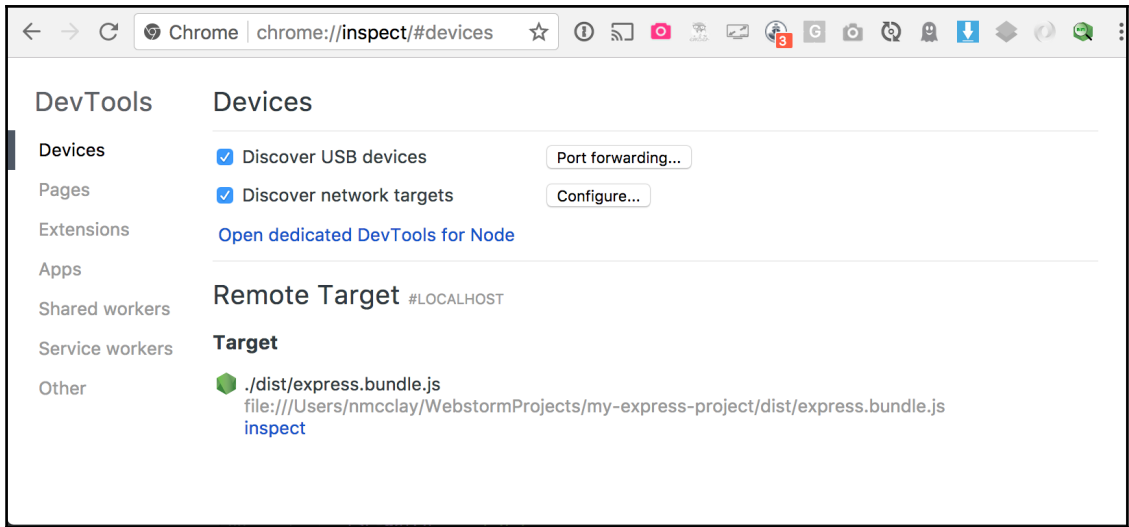
Call Stack

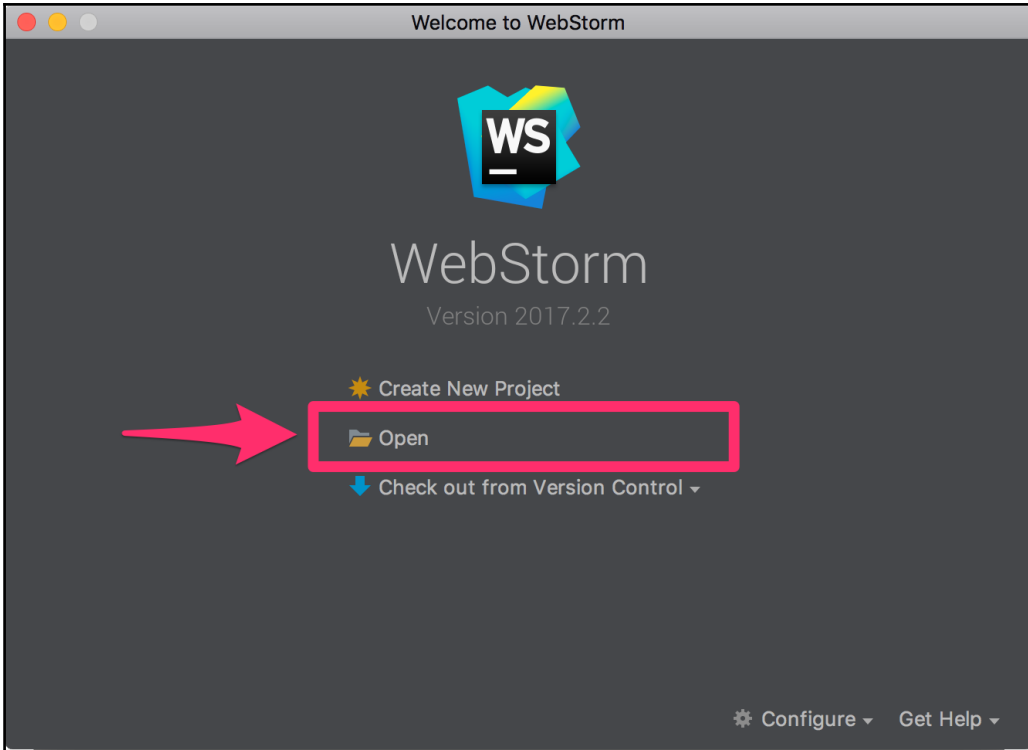
- (anonymous) Database.ts:25
- __webpack_require__ bootstrap 829c5...81e6b51cf75:19
- module.exports.Object.defineProperty.value index.ts:8
- __webpack_require__ bootstrap 829c5...81e6b51cf75:19
- (anonymous) bootstrap 829c5...81e6b51cf75:62
- (anonymous) bootstrap 829c5...81e6b51cf75:62
- Module_compile module.js:570
- Module_extensions.js module.js:584
- Module.load module.js:507
- tryModuleLoad module.js:470
- Module_load module.js:462
- Module.runMain module.js:609
- startup bootstrap_node.js:158
- (anonymous) bootstrap_node.js:578

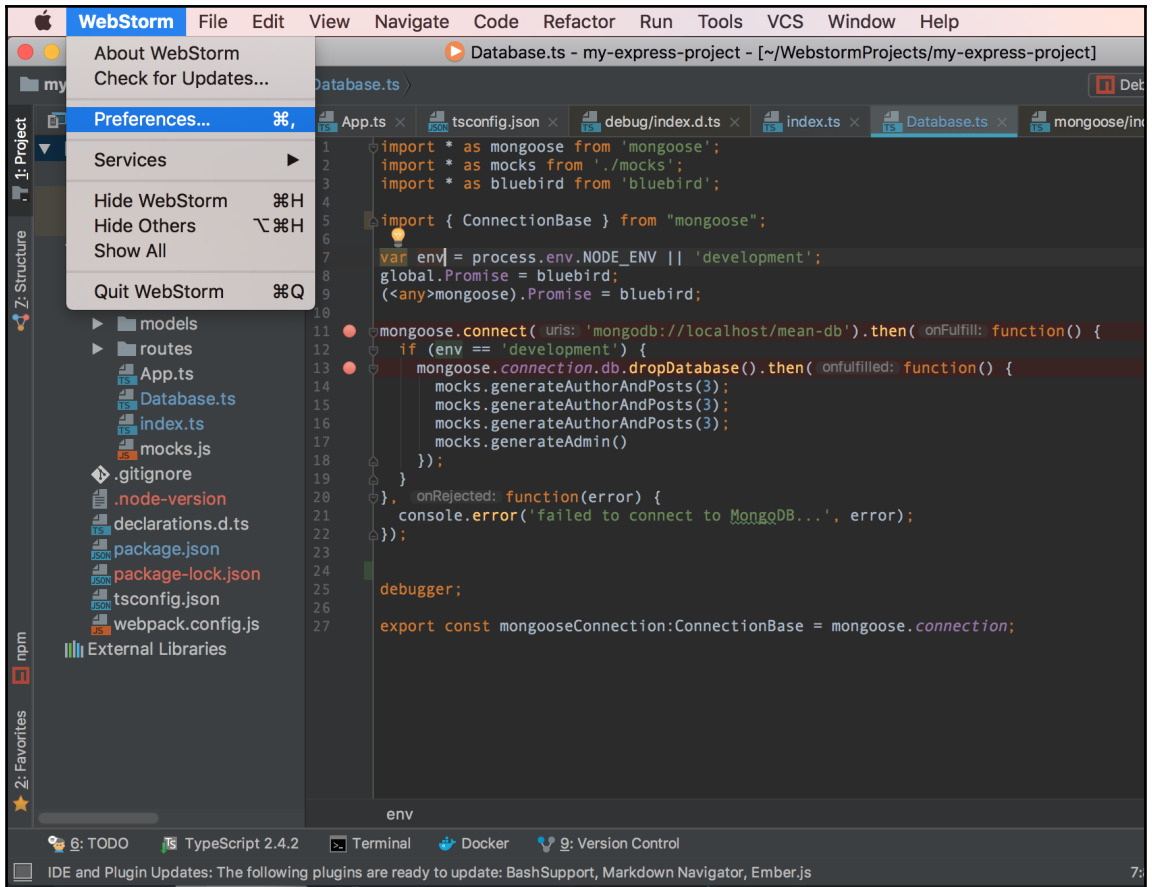
Scope

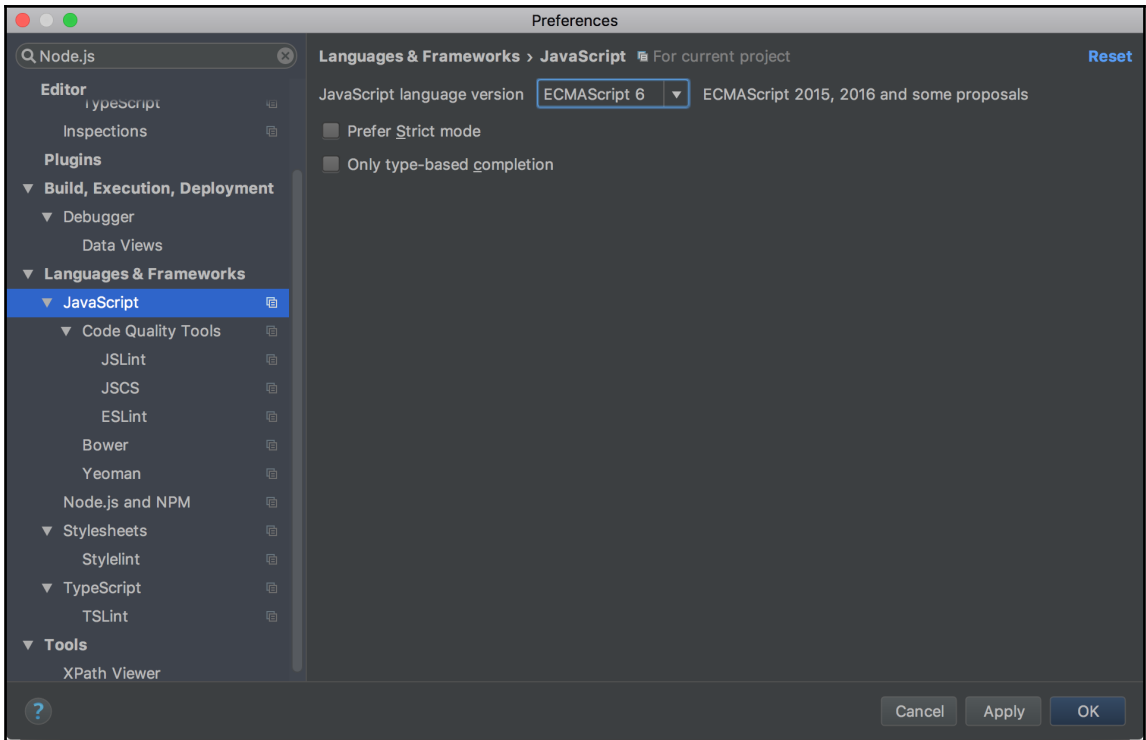
Local

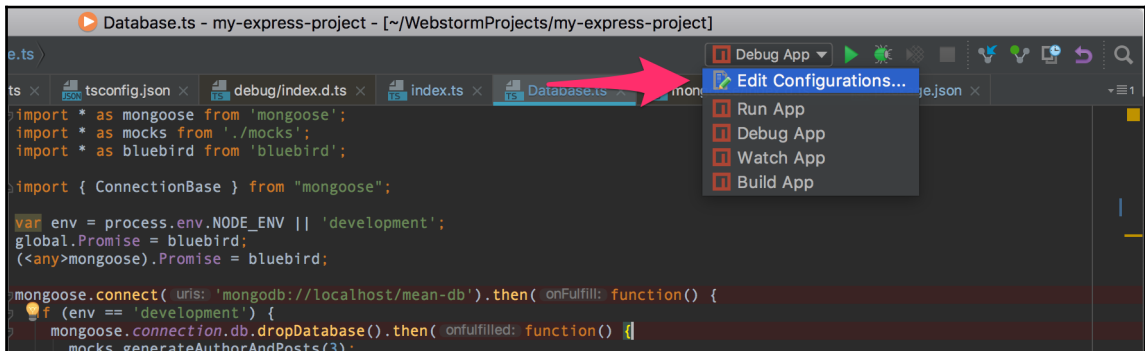
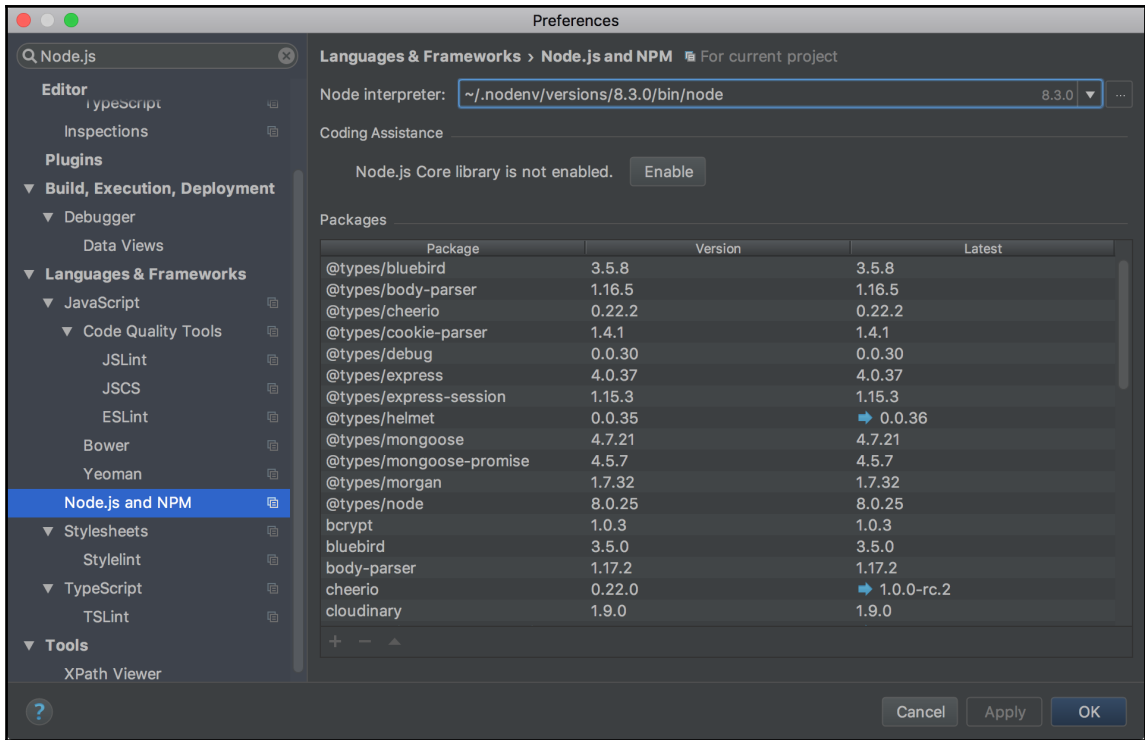
- bluebird: f Promise(executor)

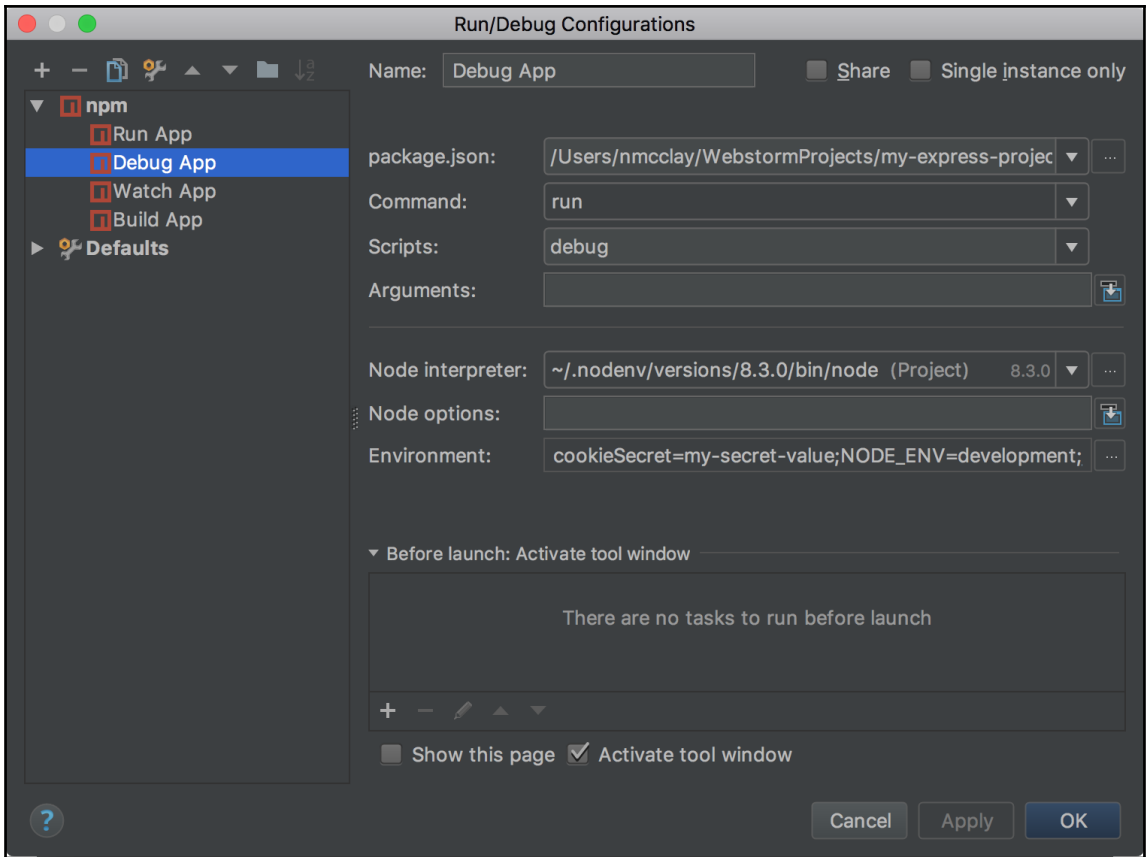




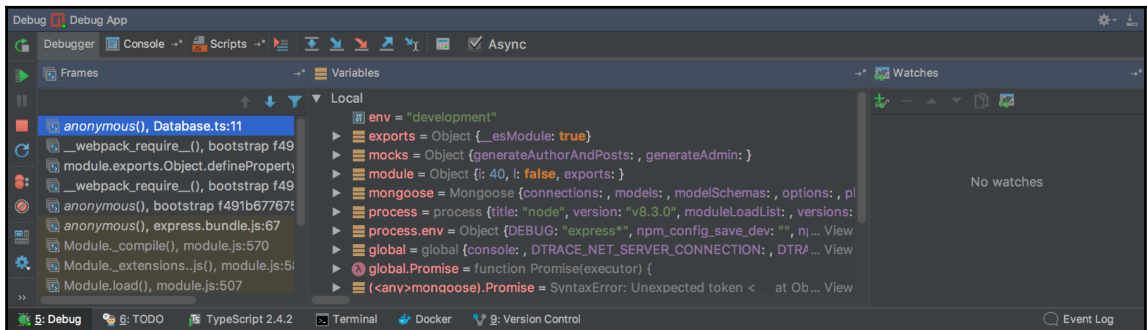
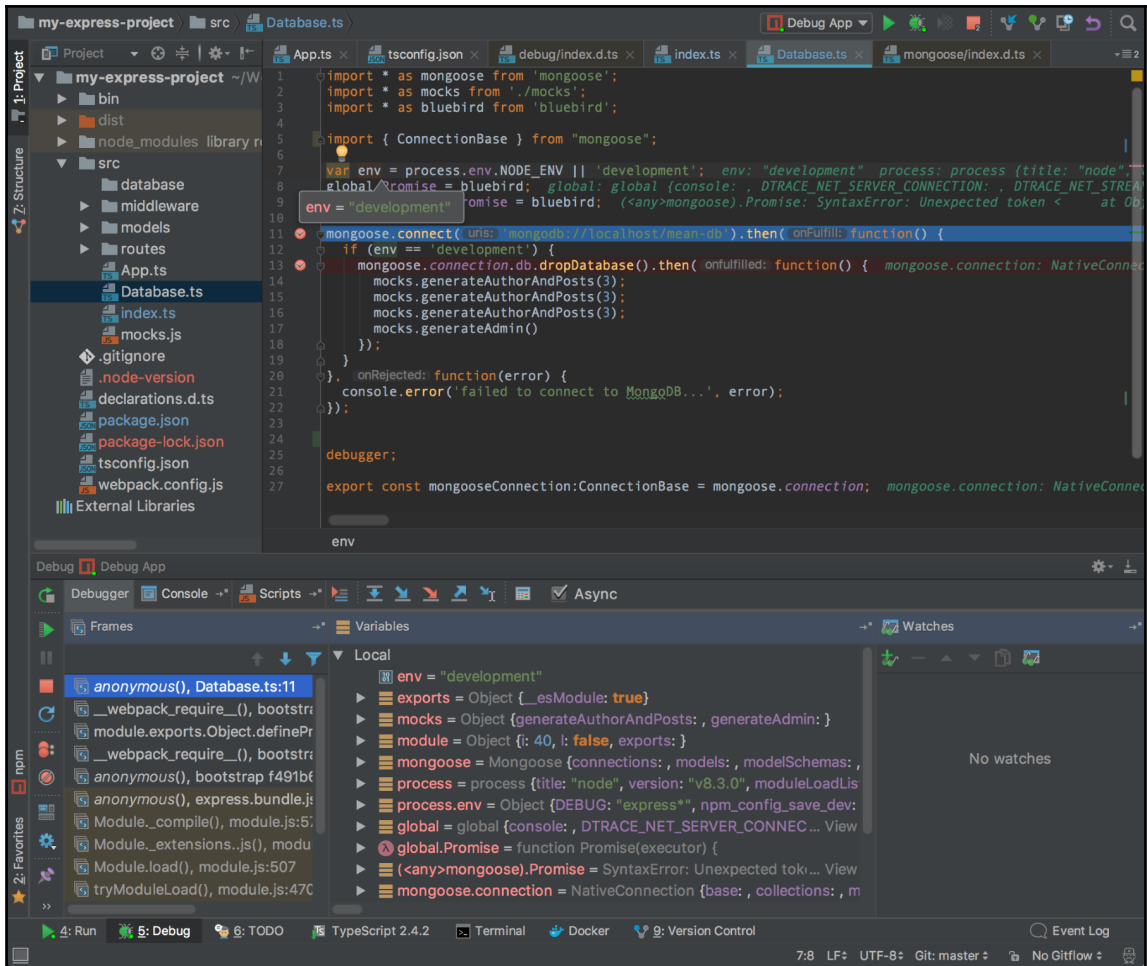








```
1 import * as mongoose from 'mongoose';
2 import * as mocks from './mocks';
3 import * as bluebird from 'bluebird';
4
5 import { ConnectionBase } from "mongoose";
6
7 var env = process.env.NODE_ENV || 'development';
8 global.Promise = bluebird;
9 (<any>mongoose).Promise = bluebird;
10
11 mongoose.connect( uris: 'mongodb://localhost/mean-db').then( onFulfill: function() {
12   if (env == 'development') {
13     mongoose.connection.db.dropDatabase().then( onFulfilled: function() {
14       mocks.generateAuthorAndPosts(3);
15       mocks.generateAuthorAndPosts(3);
16       mocks.generateAuthorAndPosts(3);
17       mocks.generateAdmin();
18     });
19   }
20 }, onRejected: function(error) {
21   console.error('failed to connect to MongoDB...', error);
22 });
23
24 debugger;
25
26 export const mongooseConnection:ConnectionBase = mongoose.connection;
27
```



```
Debugger Console
Scripts
Async
express:router use '/' session +0ms
express:router:layer new '/' +1ms
express:router use '/' router +0ms
express:router:layer new '/' +1ms
express:router use '/api' router +0ms
express:router:layer new '/api' +0ms
express:router use '/' <anonymous> +0ms
express:router:layer new '/' +0ms
> env
< development
```

```
Debugger Explorer
/Users/nmccloy/WebstormProjects/my-express-project
├── node_modules
├── src
│   ├── middleware
│   ├── models
│   ├── routes
│   └── api
│       ├── Angular.ts (/Users/nmccloy/WebstormProjec...project/dist/express.bundle.js)
│       ├── api.js (/Users/nmccloy/WebstormProjec...project/dist/express.bundle.js)
│       ├── App.ts (/Users/nmccloy/WebstormProjec...project/dist/express.bundle.js)
│       ├── Database.ts (/Users/nmccloy/WebstormProjec...project/dist/express.bundle.js)
│       ├── Index.ts (/Users/nmccloy/WebstormProjec...project/dist/express.bundle.js)
│       └── mocks.js (/Users/nmccloy/WebstormProjec...project/dist/express.bundle.js)
```

SENTRY

Product Pricing Docs Blog Sign In [Get started](#)

Stop hoping your users will report errors

Open-source error tracking that helps developers monitor and fix crashes in real time. Iterate continuously. Boost efficiency. Improve user experience.

[Start using Sentry](#)

Account Information

Name:

Email:

Password:

Organization Information

Organization Name:

If you're signing up for a personal account, try using your own name.

Billing Email: (optional)

If provided, we will send all billing-related notifications to this address.

Promo code: (optional)

I agree to the [Terms of Service](#) and the [Privacy Policy](#)

Sure, send me a monthly product update

Continue

Start for free

Get things off the ground with Sentry's free plan, and when you're ready to expand usage you can simply pay as you go.

No contracts

You can upgrade or downgrade at any time, and we'll automatically adjust your rate at the beginning of your next billing cycle.

Questions? Comments?

Looking for more information?

[Contact our sales team.](#)



Create an organization in Sentry

Tell us about your project

Configure your application and send an event

Choose a language or framework

Popular Frontend Mobile Backend All

Filter



C#



Java



Angular



JavaScript



React



Express



Node.js



Laravel



PHP



Symfony2



Django



Flask



Python



React-Native



Rails



Ruby

Give your project a name:



Continue

NM | Nicholas McClay / Angular Blog

Issues Overview User Feedback Releases

CONFIGURATION

- General
- Alerts
- Tags
- Issue Tracking
- Release Tracking
- Data Forwarding
- Saved Searches
- Debug
- Information Files
- Processing Issues

DATA

- Error Tracking
- CSP Reports
- User Feedback
- Inbound Filters
- Client Keys (DSN)**

INTEGRATIONS

- All Integrations

Client Keys

+ Generate New Key

To send data to Sentry you will need to configure an SDK with a client key (usually referred to as the SENTRY_DSN value). For more information on integrating Sentry with your application take a look at our [documentation](#).

Default

Details Disable

DSN

https://[redacted]@sentry.io/[redacted]

DSN (Public)

https://[redacted]@sentry.io/[redacted]

Use your public DSN with browser-based SDKs such as [raven-js](#).

CSP Endpoint

https://sentry.io/api/[redacted]/csp-report/?sentry_key=[redacted]

Use your CSP endpoint in the `report-uri` directive in your `Content-Security-Policy` header.

NM | Nicholas McClay / Angular Blog

Issues Overview User Feedback Releases

Unresolved Issues

Sort by: Last Seen

is:unresolved

	Resolve	Ignore			GRAPH: 24H 14D	EVENTS	USERS
Error	fire!					2	1
Error	ExpressionChangedAfterItHasBeenCheckedError: Expression has changed after it w...					3	1

Sentry 8.20.0.dev0

API Docs Contribute

Nicholas McClay / Angular Blog Star Project Project Settings

Issues Overview User Feedback Releases

Error /main.bundle.js in CreatePostFormComponent.webpackJs... ISSUE # ASSIGNED EVENTS USERS

fire! javascript **ANGULAR-BLOG-2** 2 1

Resolve Ignore Link Issue Tracker

Details Comments 0 User Feedback 0 Tags Events Share this event

Event 96fb8e62638a47908af0ef74aaa6b259 K Older Newer >
 Aug 25, 2017 12:41:17 AM UTC | JSON (11.8 KB)

There were 3 errors encountered while processing this event Show

71.182.198.83 Chrome Version: 60.0.3112 Mac OS X Version: 10.12.6

TAGS

browser Chrome 60.0.3112 browser.name Chrome level error

logger javascript os Mac OS X 10.12.6 os.name Mac OS X

transac /main.bundle.js in CreatePostFormComponent.webpackJsonp.../src/app/posts/cr...

url http://localhost:4200/posts user ip:71.182.198.83

(Default Environment)
 LAST 24 HOURS

LAST 30 DAYS

FIRST SEEN

When: 25 minutes ago
 Aug 25, 2017 12:39:44 AM UTC

Release: not configured

LAST SEEN

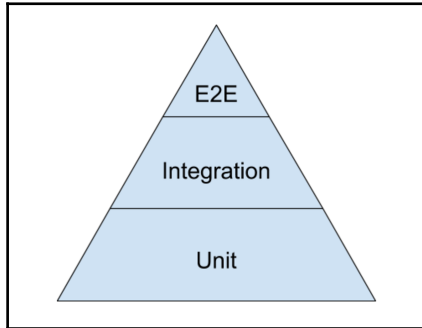
When: 24 minutes ago
 Aug 25, 2017 12:41:17 AM UTC

Release: not configured

BREADCRUMBS Search breadcrumbs...

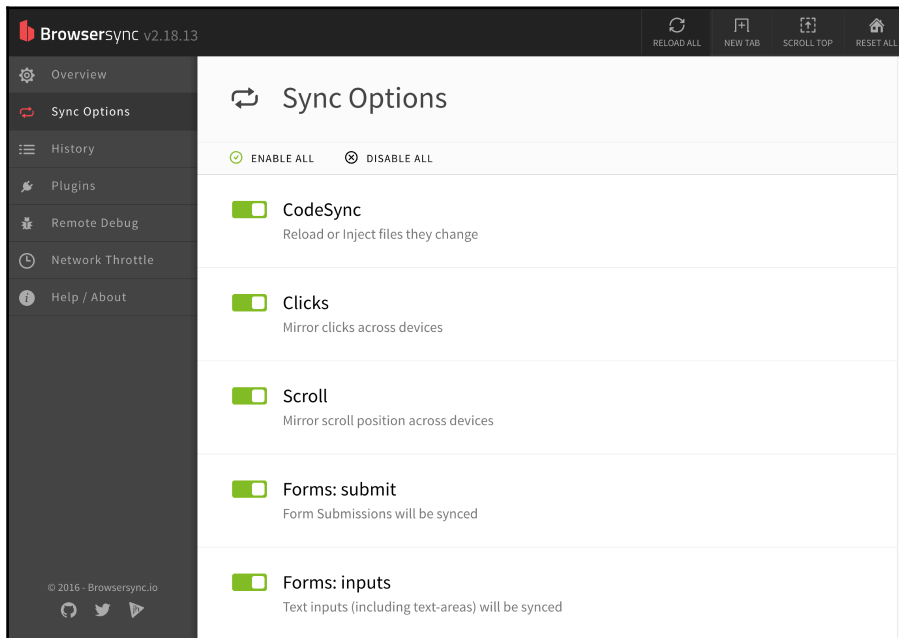
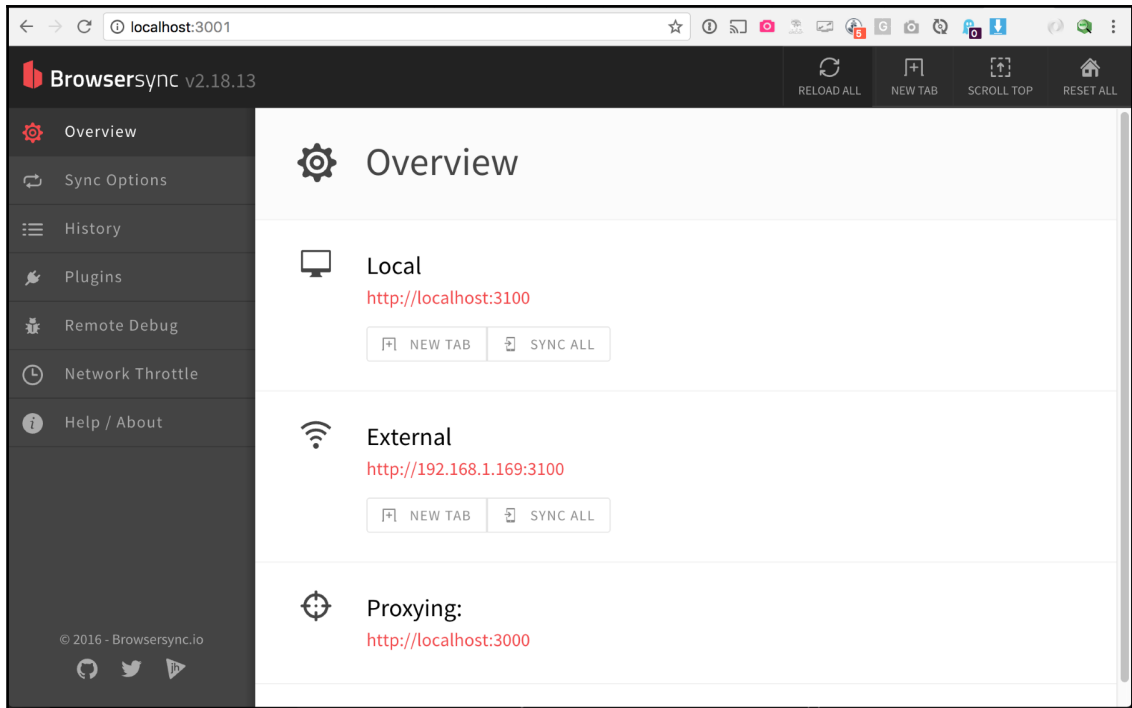
	xhr	GET https://www.googleapis.com/blogger/v3/blogs/715947053740	00:41:11
	xhr	GET https://www.googleapis.com/blogger/v3/blogs/715947053740	00:41:12
	console	[object Object]	00:41:12
	ui.click	div.row > div.col-3 > app-create-post-form > button.btn.btn-block.btn-primary	00:41:17
	console	handle!	00:41:17
	console	error?	00:41:17
	exception	Error: fire!	00:41:17

Chapter 11: Automated Testing



Run Mocha Tests

Test Results	63ms
API	58ms
responds with status 200	36ms
responds to POST with status 415	6ms
responds to JSON POST with status 404	16ms
AuthMiddlewareUnitTest	5ms
middleware exists	1ms
requireRole allows valid user session role	2ms
requireRole denies invalid user session role	2ms



- Overview
- Sync Options
- History
- Plugins
- Remote Debug
- Network Throttle**
- Help / About

⌚ Network Throttle

Speed

- DSL (2MBS, 5MS RTT)**
- 4G (4MBS, 20MS RTT)
- 3G (750KBS, 100MS RTT)
- GOOD 2G (450KBS, 150MS RTT)
- REGULAR 2G (250KBS, 300MS RTT)
- GPRS (50KBS, 500MS RTT)

Port

- AUTO DETECTION**
- USER SPECIFIED

Eg: 1024

⊕ CREATE SERVER

Your Servers:

1.	DSL	http://localhost:3101	http://192.168.1.169:3101	🗑
----	-----	---	---	---



Table of Contents

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2

Index