

Setting up the Demo Application



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Having the right tools

- Makes a world of difference



Lay the Foundation



Vue.js + Vuetify

Express.js

Node.js



Frameworks and Libraries - Server



Express

“Fast, unopinionated,
minimalist web framework
for Node.js”



Packages to Install



express

```
npm install --save express
```



eslint

```
npm install --save-dev eslint
```



body-parser

```
npm install --save body-parser
```



Packages to Install



cors

```
npm install --save cors
```



morgan

```
npm install --save morgan
```



nodemon

```
npm install -g nodemon
```



Packages to Install

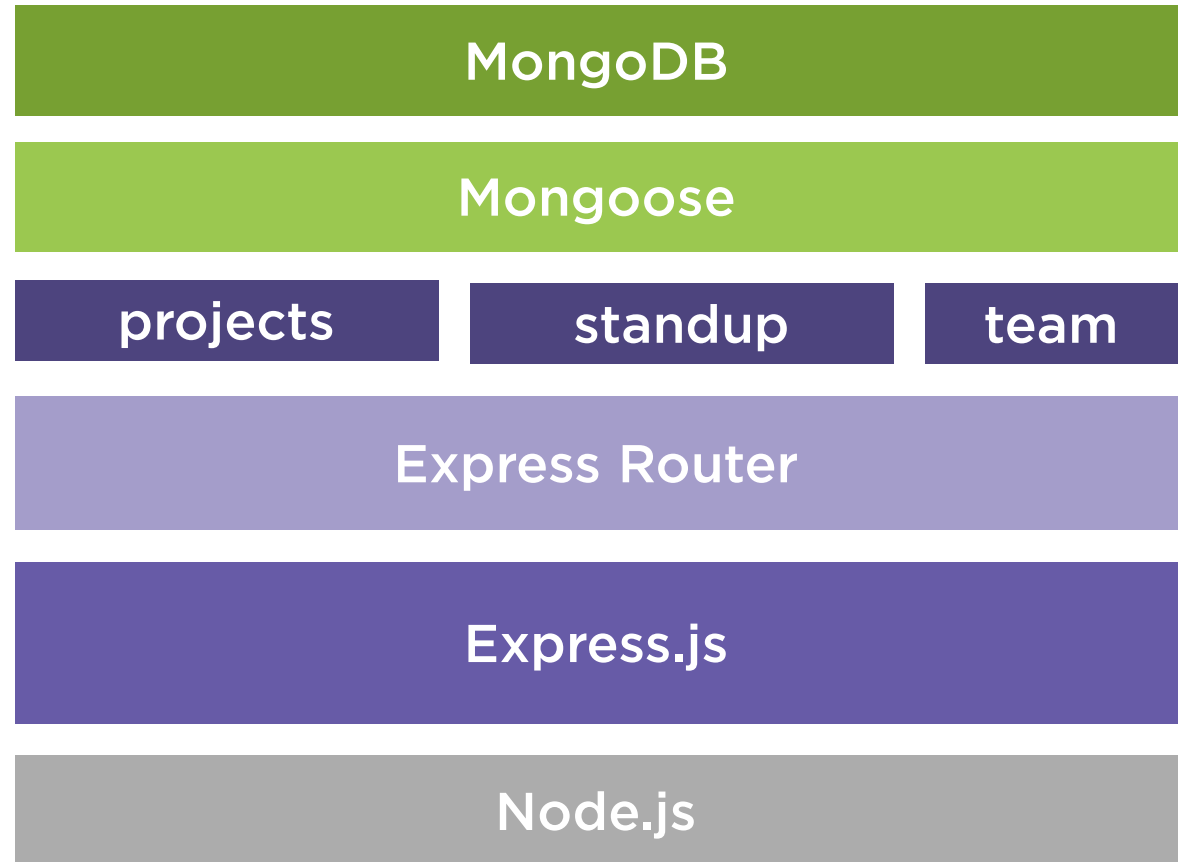


mongoose

```
npm install --save mongoose
```



API Project



Frameworks and Libraries - Client



Packages to Install



vue-cli

```
npm install -g vue-cli
```



vuex

```
npm install --save vuex
```

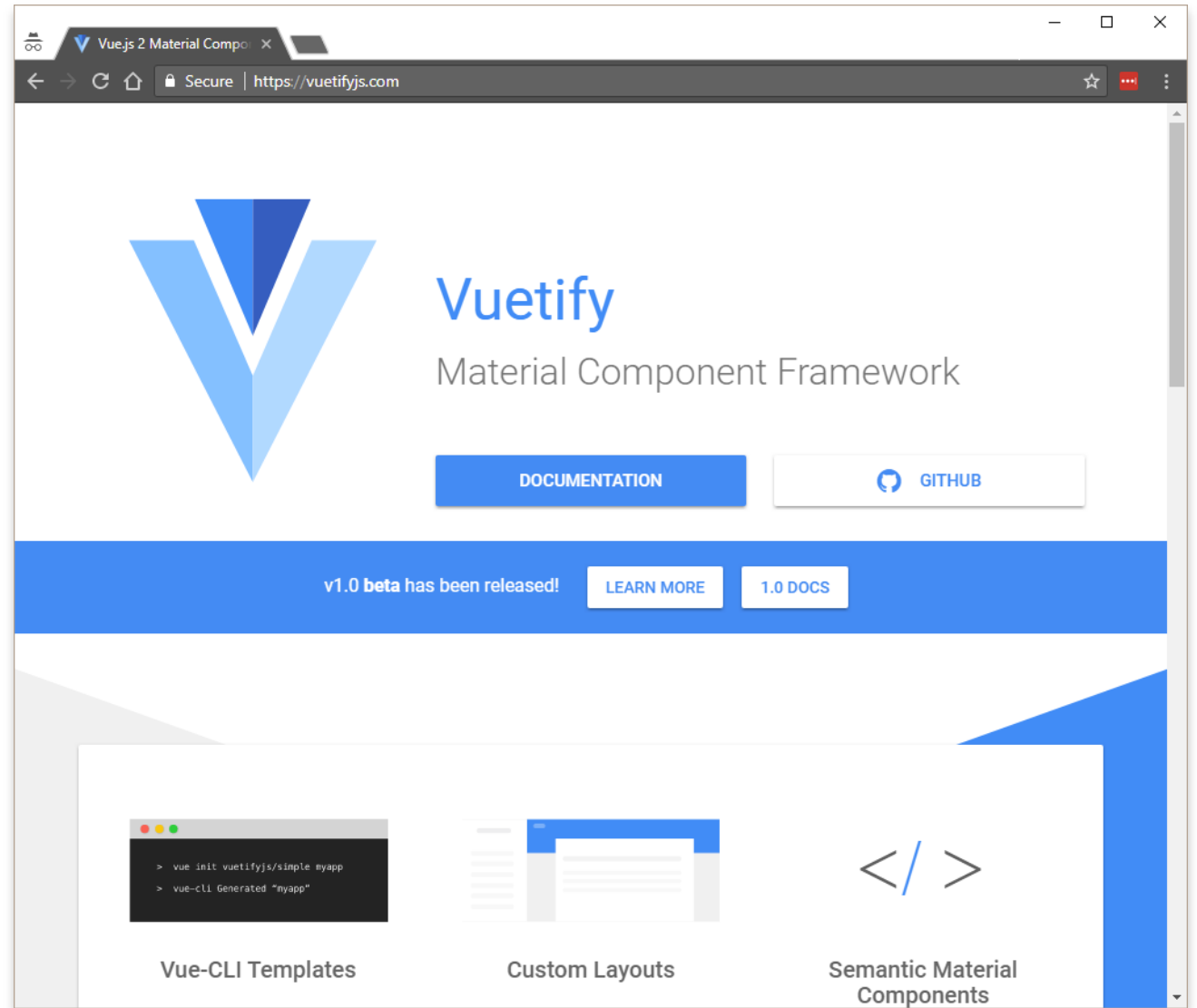


vuetify

```
npm install --save vuetify
```



Vuetify
vuetifyjs.com



Packages to Install



axios

```
npm install --save axios
```



**material-design-icons-
iconfont**

```
npm install --save  
material-design-icons-iconfont
```



webpack

```
npm install --save-dev webpack
```

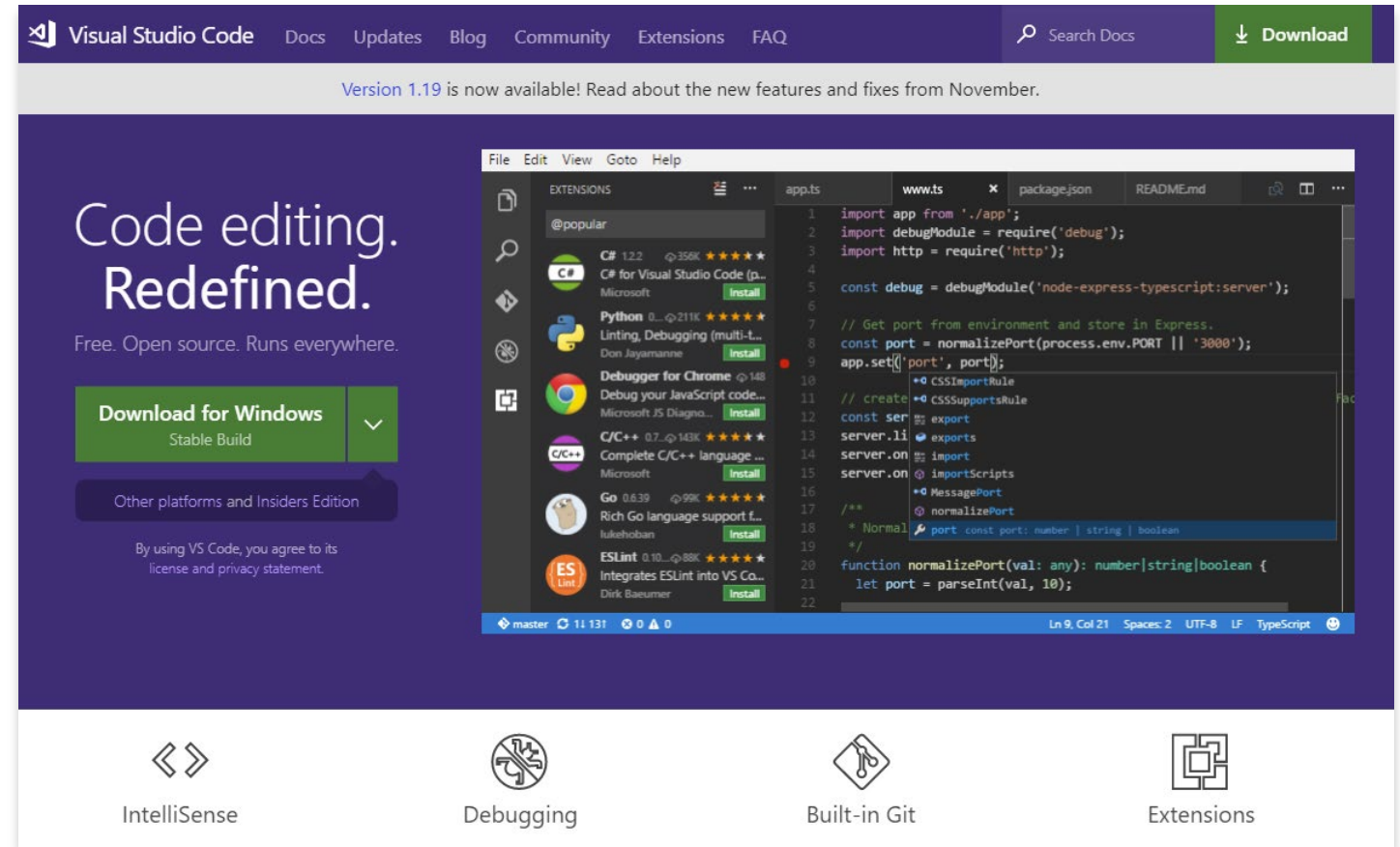


Helpful Tools



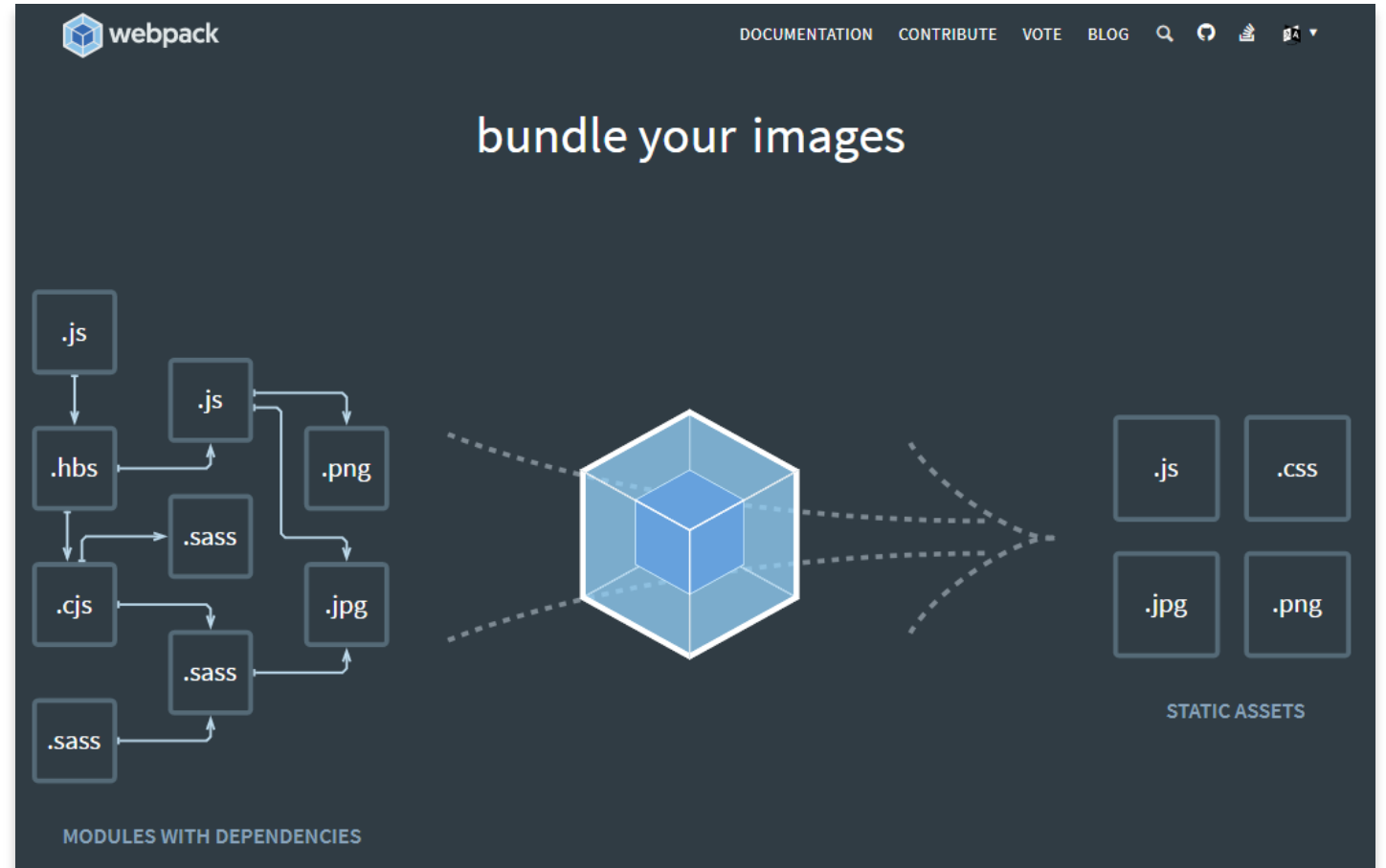
Visual Studio Code

code.visualstudio.com



Webpack

webpack.js.org

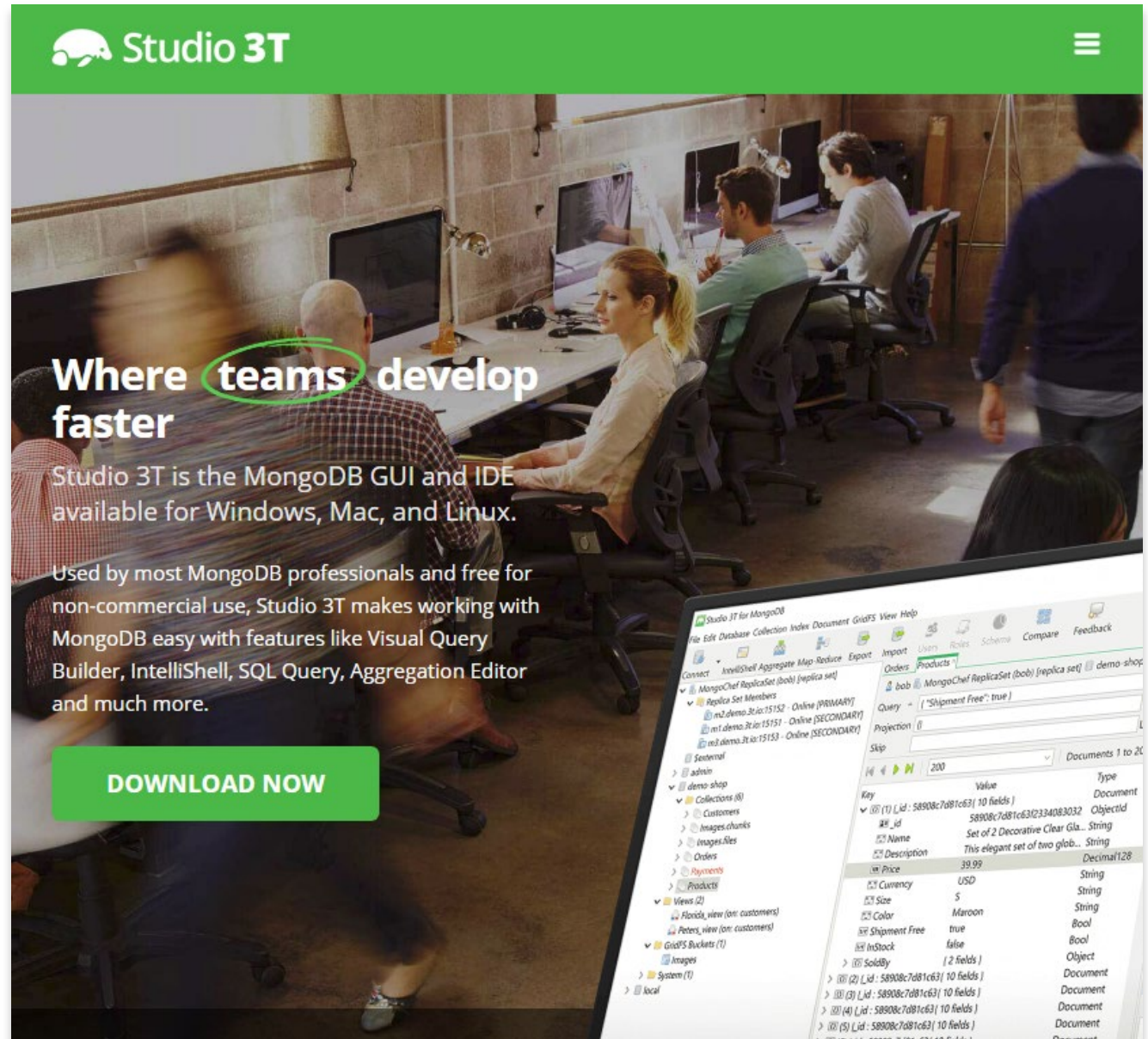


Postman
www.getpostman.com



Studio 3T

studio3t.com



Studio 3T

Where **teams** develop faster

Studio 3T is the MongoDB GUI and IDE available for Windows, Mac, and Linux.

Used by most MongoDB professionals and free for non-commercial use, Studio 3T makes working with MongoDB easy with features like Visual Query Builder, IntelliShell, SQL Query, Aggregation Editor and much more.

DOWNLOAD NOW


The background image shows a team of four people working in a modern office environment with large windows and multiple computer monitors. The foreground image shows the Studio 3T interface, which includes a sidebar with a database structure tree, a central query editor with a Visual Query Builder, and a results pane displaying a list of documents with their fields and values.

Key	Value	Type
id	58908c7d81c6310101010101	String
name	Set of 2 Decorative Clear Gla...	String
description	This elegant set of two glob...	String
price	39.99	Decimal128
currency	USD	String
size	S	String
color	Maroon	String
shipment_free	true	Bool
in_stock	false	Bool
SoldBy	(2 fields)	Object
(1) L_id	58908c7d81c6310101010101	Document
(2) L_id	58908c7d81c6310101010101	Document
(3) L_id	58908c7d81c6310101010101	Document
(4) L_id	58908c7d81c6310101010101	Document
(5) L_id	58908c7d81c6310101010101	Document



Robo 3T

robomongo.org

 Robo 3T

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Robo 3T

Robo 3T (formerly Robomongo) is the free lightweight GUI for MongoDB enthusiasts.

- MongoDB GUI with embedded shell



[Download Robo 3T](#)

Studio 3T

Are you serious about MongoDB? Choose Studio 3T - our fully featured IDE for MongoDB professionals.

- Fully featured IDE with embedded shell
- Visual Query Builder
- In-Place editing
- IntelliShell with Auto-Completion
- Query MongoDB with SQL
- Export to / import from SQL DB
- Aggregation Pipeline Editor
- And so much more...

[Download Studio 3T](#)





Placeholder slide



Demo



Develop the Express API



Placeholder slide



Demo



Client Project

- vue-cli
- Vuetify
- Vuex
- Axios

Alternative UI frameworks

- React
- Angular
- Whatever you like

