

On-demand e-commerce, build with TypeScript, NestJS, NodeJS and Ionic - Open-Source Now

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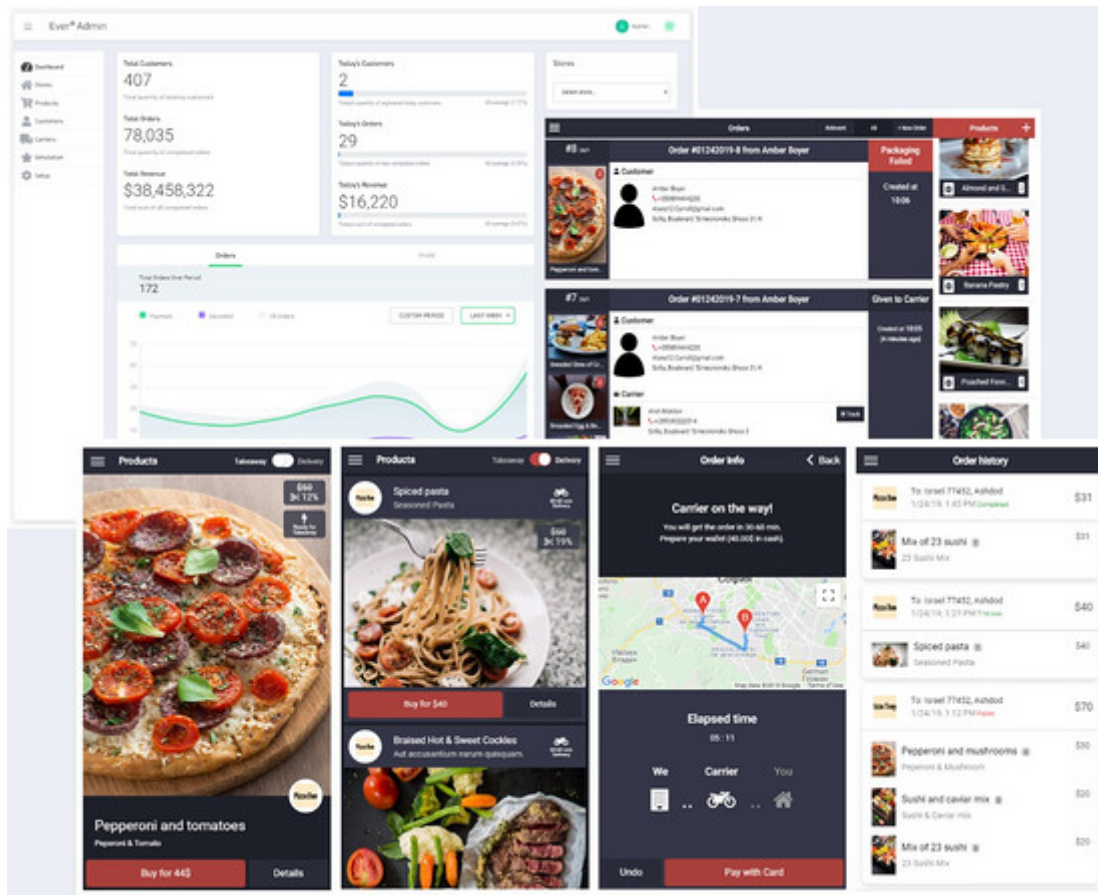
时间 2019-04-11 01:31:49 Github ([/pla/Github](#))

主题: Ionic Framework ([/plt/Ionic Framework](#)) TypeScript ([/plt/TypeScript](#)) Node.js ([/plt/Node.js](#))

Ever - Open-Source On-Demand Commerce Platform

Ever ([/jump/aHR0cHM6Ly9ldmVyLmNv](#))[®] is an Open-Source, Real-Time, Reactive, **On-Demand** Commerce Platform build with TypeScript ([/jump/aHR0cDovL3d3dy50eXBlc2NyaXB0bGFuZy5vcmc=](#)) .

Out-of-the-box Ever[®] Platform[™] provides everything required to quickly build, manage and expand Multi-Store (Multi-Vendor / Peer-to-Peer Marketplace) or Single-Store **On-Demand** Commerce Solutions with customized e-commerce Websites (Shops), Mobile ordering Apps (Hybrid and PWA), Carrier (Driver) Mobile Apps, Merchant Apps and Admin interface Website.



Disclaimer

A word of caution : We are in α (alpha), i.e. Ever® Platform™ is very much under development (work in progress, WIP).

Expect *lots* of changes and some :bug: and please be nice! :stuck_out_tongue_winking_eye:

Features

Open Platform (every part is Open-Source)

Everything Reactive, Real-Time and Blazing Fast!

Headless Commerce framework, which allows different implementations of store-fronts, Admin UIs and client apps. Exposes rich GraphQL, REST and WS APIs.

Shopping Mobile App for customers to make On-Demand orders (iOS and Android using Ionic / Ionic Native)

Carrier Mobile App for carriers, drivers or delivery service providers (iOS and Android using Ionic / Ionic Native)

Shopping e-commerce Website for customers to make in-browser On-Demand purchases of food, goods or services

Merchant Tablet App used by Stores/Merchants/Warehouses to manage & track orders, organize deliveries, etc.

Admin Website used to manage all platform features and settings in the single Web-based interface

Multi-language and culture settings accross Platform (i18N)

Products Catalogs (global and per Merchant) with Multiple Product Images

Inventory/Stock Management and Real-time Order Management/Processing accross the Platform

Deliveries/Shipping management and processing accross Platform (shipping with real-time location tracking for On-Demand orders)

Real-Time discounts, promotions and products/services availability updates

Customers registration, Guest Checkouts, Invitations (optional)

Gateway and Payment Processing (currently supported Payments Gateway - Stripe (/jump/aHR0cHM6Ly9zdHJpcGUuY29t))

Plugins / Extensions / Custom Fields (WIP)

Planned Features

Tax Calculations

Third-party Shipping providers integrations

Users Roles / Permissions accross Platform

Large products catalogs with products variants, facets and full-text search

You can also track feature requests from the community in the separate repo (/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZmVhdHVyZS1yZXF1ZXN0cy9pc3N1ZXM=) .

Technology Stack and Requirements

TypeScript (/jump/aHR0cHM6Ly93d3cudHlwZXNjcmlwdGxhbm cub3Jn) language (version >=2.9)

Node.js (/jump/aHR0cHM6Ly9ub2RlanMub3Jn) (version >=10)

Ionic (/jump/aHR0cHM6Ly9pb25pY2ZyYW1ld29yay5jb20=) (version 4) for Shopping Mobile App, Carrier Mobile App and Merchant Tablet App

Shopping Website developed with Angular (/jump/aHR0cHM6Ly9hbmd1bGFyLmlv) 7 using Angular Starter (/jump/aHR0cHM6Ly9naXRodWluY29tL2dkaTlyOTAvYW5ndWxhci1zdGFydGVy)

Admin Website developed with Angular (/jump/aHR0cHM6Ly9hbmd1bGFyLmlv) version 7 using ngx-admin (/jump/aHR0cHM6Ly9naXRodWluY29tL2FrdmVvL25neC1hZG1pbG==)

Headless Commerce framework (Backend APIs/Server) developed using Nest (/jump/aHR0cHM6Ly9naXRodWluY29tL25lc3Rqcy9uZXN0) with heavy use of our own Pyro module. Supports GraphQL, REST and WS Real-Time APIs (WebSockets using Socket.io (/jump/aHR0cHM6Ly9zb2NrZXQuaW8=) library)

RxJS (/jump/aHR0cDovL3JlYWw0aXZleC5pby9yeGpz) library used heavy in every part of the Platform

InversifyJS (/jump/aHR0cDovL2ludmVyc2lmeS5pbw==) used for Inversion Control / Dependency Injection in most parts of the Platform. On the Backend/API we also use DI provided by Nest (/jump/aHR0cHM6Ly9naXRodWluY29tL25lc3Rqcy9uZXN0)

MongoDB (/jump/aHR0cHM6Ly93d3cubW9uZ29kYi5jb20=) Database used with Mongoose (/jump/aHR0cHM6Ly9tb25nb29zZWpzLmNvbQ==) ORM (supported MongoDB version >= 3.2; we recommend version >=4)

We have ongoing effort (WIP) to add support for other databases using TypeORM (/jump/aHR0cHM6Ly9naXRodWluY29tL3R5cGVvcmlvdHlwZW9ybQ==) and Prisma (/jump/aHR0cHM6Ly9naXRodWluY29tL3ByaXNtYS9wcmlzbWE=) . Following additional DBs will be fully supported: MySQL, PostgreSQL, MariaDB, SQLite, MS SQL Server and Oracle.

For production, we integrate and recommend to use PM2 (/jump/aHR0cHM6Ly9naXRodWluY29tL1VuaXRIY2gvcG0y)

See also README.md and CREDITS.md files in relevant folders for lists of libraries and software included in the Platform, information about licenses and other details.

Documentation

Please refer to our official Platform Documentation (/jump/aHR0cHM6Ly9kb2NzLmV2ZXluY28=) and to our Wiki (/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci93aWtp) (WIP).

For quick overview of each project in the Platform (Server, Admin, Shops, etc), you can search for README.md file in the root of the projects folders. For example, see ./backend/api/README.md (/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci9ibG9iL21hc3Rlci9iYWNRZW5kL2FwaS9SRUFETUUubWQ=) for Server (Backend) related overview.

Getting Started

We follow Gitflow Workflow (/jump/aHR0cHM6Ly9udmllLmNvbS9wb3N0cy9hLXN1Y2Nlc3NmdWwtZ2l0LWJyYW5jaGluZy1tb2RlbnA==) so the develop branch (/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci90cmVIL2RldmVsb3A=) may be in an unstable or even broken state during development. Please use releases (/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci9yZWxIYXNlcw==) or master branch (/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci90cmVIL21hc3RlcnQ=) instead of the develop branch in order to get more stable code.

Clone Repo

Clone the Ever Platform Git repo:

```
git clone -c core.symlinks=true --recursive git@github.com:ever-co/ever.git
```

Note: it's important to enable Git symlinks because they are used for shared modules (every project have symlinks to common shared modules in the /shared folder)

If you use Git >= v2.14, it probably make sense to setup following globally:

```
git config --global core.symlinks true
git config --global submodule.recurse true
```

Notes:

to setup Symlinks & Submodules recurse locally only (for Ever repo), remove `--global` in the commands above

for older Git versions see this (/jump/aHR0cHM6Ly9zdGFja292ZXJmbG93LmNvbS9xdWVzdGlbnMvNDYxMTUxMi9pcy10aGVyZS1hLXdheS10by1tYWtlLWdpdC1wdWxsLWF1dG9tYXRpY2FsbHktdXBkYXRILXN1Ym1vZHVzXzMvNDYxMTU1MCM0NjExNTUw)

at the moment we are not using Git sub-modules, but it may change in the future (we were using them, but decided to drop for now in favor of symlinks)

Yarn

Currently we are using `Yarn` (instead of `npm`), so make sure you have latest Yarn version installed before running Ever Platform:

```
npm install -g yarn@latest
```

Quick installation

After git repo is cloned, just run following command to install/bootstrap all dependencies:

yarn bootstrap

This will install required packages in all Platform projects using Lerna

Note: if above command fails for any reason, you can try to install required packages manually by running `yarn` inside every sub-folder with 'package.json' file

Lerna (manual installation)

We are using Lerna ([/jump/aHR0cHM6Ly9naXRodWluY29tL2xlc m5hL2xlc m5h](https://github.com/lerna/lerna)) for mono-repo management. You need to run the following command from working folder where you cloned Ever git repo, which will install Lerna together with other packages:

yarn

You may instead install Lerna globally:

```
npm install lerna@latest -g
```

Now, after Lerna installed (locally or globally), you need to Bootstrap all dependencies manually:

```
yarn lerna bootstrap
```

The command above will install all required packages for every sub-project of the Ever Platform.

MongoDB

Ever platform configured to use MongoDB by default and assume you have MongoDB service running and accepting connections on default `localhost:27017`. Please see relevant section in our documentation ([\(/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci93aWtpL01vbmdvREI=\)](/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci93aWtpL01vbmdvREI=)).

Platform Configuration

See relevant section in our documentation ([\).](/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci93aWtpL0V2ZXItUGxhdGZvcmtQ29uZmlndXJhdGlvbg==)

Run Platform Projects

Finally, each project from Ever Platform can be started by single command from this list:

```
yarn run:server # Run API server
yarn run:admin # Run Admin Website
yarn run:merchant # Run Merchant Ionic Tablet App
yarn run:shopmobile # Run Shopping Mobile App
yarn run:shopweb # Run Shopping Website
yarn run:carrier # Run Carrier Mobile app
```

Note: on the first run, API Server (Backend) will create MongoDB local database `ever_development` with the following (default) Admin user

```
admin@ever.co
admin
```

You can use credentials above to login into Platform Admin App, which available locally at `http://localhost:4200` ([\(/jump/aHR0cDovL2xvY2FsG9zdDo0MjAw\)](/jump/aHR0cDovL2xvY2FsG9zdDo0MjAw)) (by default)

Metrics

According to `cloc` ([\) project, Ever Platform today has more than 120K lines of TypeScript, GraphQL, HTML / CSS and other code files. You can get more details at the relevant section of our documentation \(\[\\).\]\(/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci93aWtpL01ldHJpY3M=\)](/jump/aHR0cHM6Ly9naXRodWluY29tL0FsRGFuaWFsL2Nsbn2M=)

Contribute

Please give us `:star:` on Github, it **really** helps!

You are more than welcome to submit feature requests in the separate repo ([\)](/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZmVhdHVyZS1yZXF1ZXN0cy9pc3N1ZXM=)

Pull requests are always welcome! Please base pull requests against the `develop` branch and follow the contributing guide ([\).](/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci93aWtpL01ldHJpY3M=)

ci9ibG9iL21hc3Rlci8uZ2l0aHVlL0NPTIRSSUJVVEIORy5tZA==) .

Collaborators and Contributors

Development Team

Core

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Contributors

View all of our contributors (/jump/aHR0cHM6Ly9naXRodWluY29tL2V2ZXItY28vZXZlci9ncmFwaHMvY29udHJpYnV0b3Jz)

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Discord Chat (/jump/aHR0cHM6Ly9kaXNjb3JkLmdnL21zcVJKNHc=)

CodeMentor (/jump/aHR0cHM6Ly93d3cuY29kZW1lbnRvci5pbY9ldmVyZXE=)

Telegram (/jump/aHR0cHM6Ly90Lm1lL2V2ZXJwbGF0Zm9ybQ==)

For business inquiries: <mailto:ever@ever.co> (/jump/bWFpbHRvOmV2ZXJAZXZlci5jbw==)

Please report security vulnerabilities to <mailto:security@ever.co> (/jump/bWFpbHRvOnNIY3VyaXR5QG9vZ2V2ZXIuY28=)

Ever Platform @ Twitter (/jump/aHR0cHM6Ly90d2I0dGVyLmNvbS9ldmVycGxhdGZvcml0
=)

Ever Platform @ Facebook (/jump/aHR0cHM6Ly93d3cuZmFjZWJvb2suY29tL2V2ZXJwb
GF0Zm9ybQ==)

Security

Ever Platform follows good security practices, but 100% security cannot be guaranteed in any software!

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See more details in the LICENSE.md (/jump/aHR0cHM6Ly9naXRodWIuY29tL2V2ZXItY2
8vZXZlci9ibG9iL21hc3Rlci9MSUNFTINFLm1k) .

In production setup, all client-side to server-side (backend, APIs) communications should be encrypted using HTTPS/WSS/SSL (REST APIs, GraphQL endpoint, Socket.io WebSockets, etc).

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Backend Api (Server), Admin Website, Merchant Tablet App and Merchant Website, Shopping Website under GNU Affero General Public License v3.0 (/jump/aHR0cHM6Ly93d3cuZ251Lm9yZy9saWNlbnNlcy9hZ3BsLTMuMC50eHQ=)

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