

Installing Strapi Using NPX

Strapi is a powerful open-source **Headless CMS** that enables developers to create flexible and scalable content APIs quickly. This guide walks you through installing Strapi using npx, explains each setup prompt, and prepares the document for adding screenshots.

Prerequisites

Ensure you have the following installed:

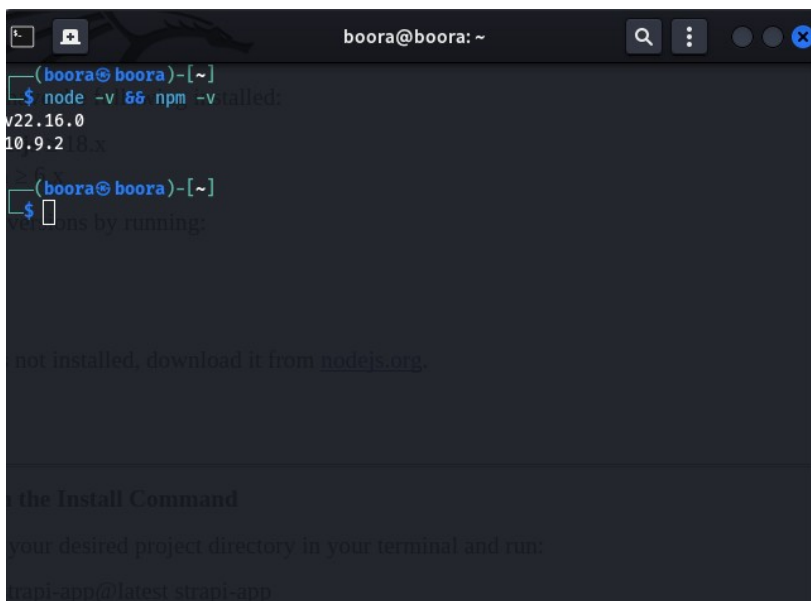
- **Node.js** $\geq 18.x$
- **npm** $\geq 6.x$

Verify your versions by running:

```
node -v
```

```
npm -v
```

If Node.js is not installed, download it from nodejs.org.

A terminal window titled 'boora@boora: ~' with search and menu icons. The terminal shows the command 'node -v && npm -v' being executed, resulting in 'v22.16.0' and '10.9.2'. Below this, the text '(boora@boora)-[~]' is shown, followed by a prompt '\$' and the text 'ons by running:'. Further down, the text 'not installed, download it from nodejs.org.' is visible. At the bottom, the text 'the Install Command' is shown, followed by 'your desired project directory in your terminal and run:' and 'strapi-app@latest strapi-app'.

Step 1: Run the Install Command

Navigate to your desired project directory in your terminal and run:

```
npx create-strapi-app@latest strapi-app
```

This command:

- Creates a new folder named strapi-app.
- Initiates Strapi's interactive setup process.

```
(boora@boora)-[~/Desktop/Pipeline-Masters-Strapi]
$ npx create-strapi@latest strapi-app

Strapi v5.15.0 🚀 Let's create your new project

🚀 Welcome to Strapi! Ready to bring your project to life?

Create a free account and get:
🌟 30 days of access to the Growth plan, which includes:
✅ Single Sign-On (SSO) login
✅ Content History
✅ Releases

? Please log in or sign up. Skip
? Do you want to use the default database (sqlite) ? Yes
? Start with an example structure & data? No
? Start with Typescript? No
? Install dependencies with npm? Yes
? Initialize a git repository? No

Strapi Creating a new application at /home/boora/Desktop/Pipeline-Masters-Strapi/strapi-app
```

Step 2: Interactive CLI Prompts

Strapi's setup process will prompt you with several questions. Below are the prompts, their meanings, and recommended responses:

1. Login or Sign Up

? Please log in or sign up.

› Skip

- **Skip:** Recommended for local development. Signing up provides access to premium features like SSO and Content History for 30 days.

2. Default Database Selection

? Do you want to use the default database (sqlite)?


› Yes

- ☒ **Yes:** Uses SQLite, perfect for quick setup and development.
- **No:** Allows connection to PostgreSQL, MySQL, or MongoDB later.

3. Starter Template Option

? Start with an example structure & data?

› No

-  **No:** Start with a blank project to design your own content types.
- **Yes:** Includes pre-filled content for testing and exploration.

4. Use TypeScript?

? Start with TypeScript?

› Yes

- ☒ **Yes:** Recommended for TypeScript users or production-grade applications.
- **No:** Uses plain JavaScript for simpler setups.

5. Install Dependencies

? Install dependencies with npm?

› Yes

- ☒ **Yes:** Automatically installs required dependencies.
- ☐ **No:** Choose this if you prefer manual installation later.

6. Initialize Git Repository

? Initialize a git repository?

› No

-  **No:** Skip if you plan to initialize Git manually or integrate later.
- **Yes:** Automatically sets up a Git repository.

```
(boora@boora) ~/Desktop/Pipeline-Masters-Strapi
$ npm create-strapi@latest strapi-app

Strapi v5.15.0 Let's create your new project

Welcome to Strapi! Ready to bring your project to life?

Create a free account and get:
- 30 days of access to the Growth plan, which includes:
  - Single Sign-On (SSO) login
  - Content History
  - Releases

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Strapi Creating a new application at /home/boora/Desktop/Pipeline-Masters-Strapi/strapi-app

Installing dependencies with npm
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated lodash.get@4.4.2: This package is deprecated. Use the optional chaining (?.) operator instead.
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated mailcomposer@3.12.0: This project is unmaintained
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated buildmail@3.10.0: This project is unmaintained
npm warn deprecated boolean@3.2.0: Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.

added 1328 packages, and audited 1329 packages in 1m

197 packages are looking for funding
  run `npm fund` for details

3 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

  Dependencies installed

Strapi Your application was created!
```

Step 3: Installation Completion

Once the setup process is complete, Strapi will display a confirmation message in the terminal, indicating that your application has been created and listing the available commands to manage your project.

The terminal output will look like this:

Dependencies installed

Your application was created!

To get started:

```
cd /home/boora/Desktop/PIPELINE-MASTERS-Strapi/strapi-app
```

```
npm run develop
```

This message confirms that the installation was successful and provides the next steps to start working with Strapi.

```
Strapi Your application was created!
Available commands in your project:

Start Strapi in watch mode. (Changes in Strapi project files will trigger a server restart)
npm run develop

Start Strapi without watch mode.
npm run start

Build Strapi admin panel.
npm run build

Deploy Strapi project.
npm run deploy

Display all available commands.
npm run strapi

To get started run

cd /home/boora/Desktop/Pipeline-Masters-Strapi/strapi-app
npm run develop

(boora@boora) - [~/Desktop/Pipeline-Masters-Strapi]
```

Step 4: Open the Admin Panel

After installation, Strapi starts in development mode and opens your browser to:

<http://localhost:1337/admin>

This is where you'll register your first admin user.

```
(hoora@hoora) [-/Desktop/Pipeline-Masters-Strapi]
$ cd strapi-app
(hoora@hoora) [-/Desktop/Pipeline-Masters-Strapi/strapi-app]
$ npm run develop

strapi-app@0.1.0 develop
strapi develop
Cleaning dist dir (10ms)
Loading Strapi: Building build context
Loading Strapi: Including the following ENV variables as part of the JS bundle:
  - ADMIN_PATH
  - STRAPI_ADMIN_BACKEND_URL
  - STRAPI_TELEMETRY_DISABLED
Building build context (66ms)
Creating admin (327ms)
Loading Strapi (1246ms)
Generating types (363ms)
Cleaning dist dir (20ms)
Compiling TS (1769ms)

Project information
Time Mon Jun 09 2025 16:11:16 GMT+0530 (India Standard Time)
Launched in 3389 ms
Environment development
Process PID 72021
Version 5.15.0 (node v22.16.0)
Edition Community
Database sqlite
Database name ./tmp/data.db

Actions available
One more thing...
Create your first administrator by going to the administration panel at:
http://localhost:1337/admin

2025-06-09 16:11:16.240 [info]: Strapi started successfully
2025-06-09 16:11:16.488 [http]: GET /admin (48 ms) 200
2025-06-09 16:11:18.813 [http]: GET /admin/project-type (3 ms) 200
2025-06-09 16:11:18.928 [http]: GET /admin/init (4 ms) 200
2025-06-09 16:11:18.937 [http]: GET /admin/users/me (5 ms) 401
2025-06-09 16:11:18.948 [http]: GET /admin/users/me/permissions (10 ms) 401
2025-06-09 16:11:18.949 [http]: POST /admin/renew-token (9 ms) 400
2025-06-09 16:11:18.980 [http]: GET /admin/information (4 ms) 401
2025-06-09 16:11:18.984 [http]: GET /admin/telemetry-properties (3 ms) 401
2025-06-09 16:11:18.990 [http]: GET /admin/auth/login (7 ms) 200
2025-06-09 16:11:19.027 [http]: GET /admin/init (2 ms) 200
2025-06-09 16:11:19.030 [http]: GET /admin/auth/login (9 ms) 200
2025-06-09 16:11:19.750 [http]: GET /admin/project-type (1 ms) 200
2025-06-09 16:11:19.820 [http]: GET /admin/init (4 ms) 200
```

Click **“Let’s Start”** to access the Strapi dashboard.

English

Welcome to Strapi!

Credentials are only used to authenticate in Strapi. All saved data will be stored in your database.

First name*
Raman

Last name
Boora

Email*
booraraman2000@gmail.com

Password*
••••••••

Must be at least 8 characters, 1 uppercase, 1 lowercase & 1 number

Confirm Password*
••••••••

☐ Keep me updated about new features & upcoming improvements (by doing this you accept the [terms](#) and the [privacy policy](#)).

Let's start

 **Congratulations!** Your Strapi instance is now running!

Hello Raman

Welcome to your administration panel

3 steps to get started


- 1 Build the content structure
[Go to the Content type Builder →](#)
- 2 ⚡ What would you like to share with the world?
- 3 🚀 See content in action

[Skip the tour](#)

LAST EDITED ENTRIES

About the strapi blog	Single-Type	-	2 minutes ago	
Strapi Blog	Single-Type	-	2 minutes ago	
What's inside a Blac...	Article	Draft	2 minutes ago	
Beautiful picture	Article	Draft	2 minutes ago	

LAST PUBLISHED ENTRIES

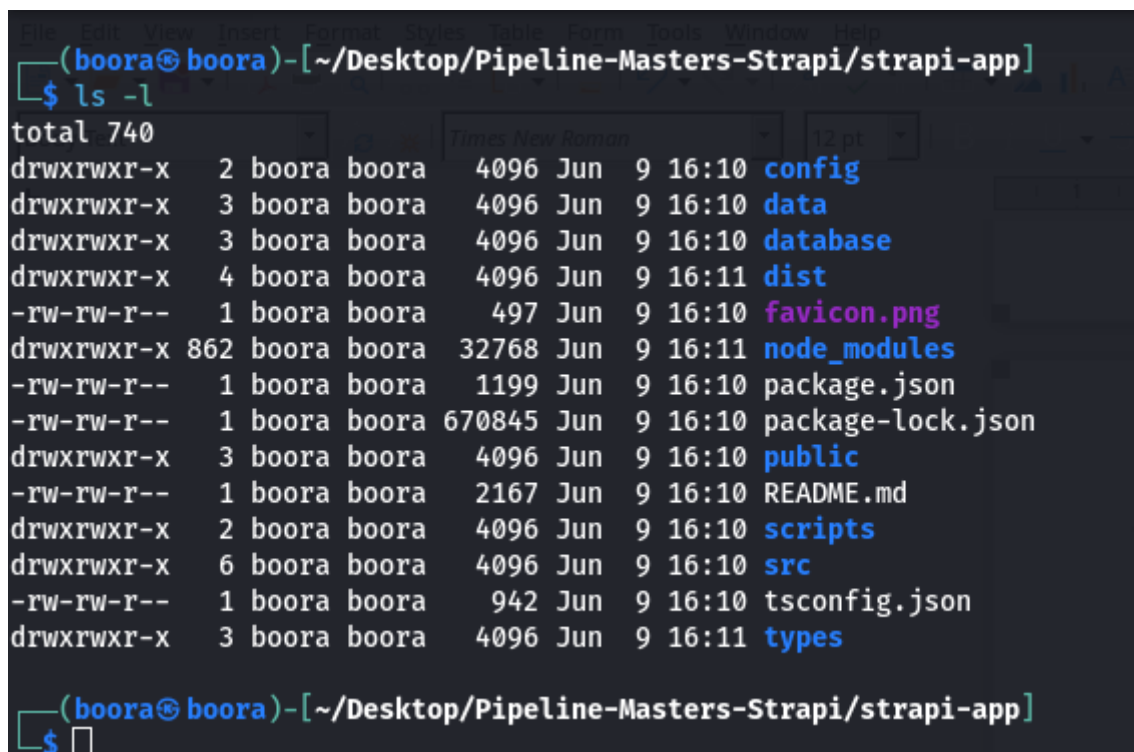

No published entries

Project Folder Structure

Your project directory will look like this:

strapi-app/

- |— api/ # Content-types and custom controllers
- |— config/ # Project and server configurations
- |— database/ # SQLite database (for quickstart)
- |— src/ # Main application source
- |— admin/ # Admin UI files
- |— node_modules/ # Project dependencies
- |— package.json # Project metadata and scripts
- |— ...



A terminal window screenshot showing the command `ls -l` executed in the directory `~/Desktop/Pipeline-Masters-Strapi/strapi-app`. The output lists the files and directories with their permissions, owner, group, size, and date. The files are: `config`, `data`, `database`, `dist`, `favicon.png`, `node_modules`, `package.json`, `package-lock.json`, `public`, `README.md`, `scripts`, `src`, `tsconfig.json`, and `types`.

```
(boora@boora)-[~/Desktop/Pipeline-Masters-Strapi/strapi-app]
$ ls -l
total 740
drwxrwxr-x  2 boora boora  4096 Jun  9 16:10 config
drwxrwxr-x  3 boora boora  4096 Jun  9 16:10 data
drwxrwxr-x  3 boora boora  4096 Jun  9 16:10 database
drwxrwxr-x  4 boora boora  4096 Jun  9 16:11 dist
-rw-rw-r--  1 boora boora   497 Jun  9 16:10 favicon.png
drwxrwxr-x 862 boora boora 32768 Jun  9 16:11 node_modules
-rw-rw-r--  1 boora boora  1199 Jun  9 16:10 package.json
-rw-rw-r--  1 boora boora 670845 Jun  9 16:10 package-lock.json
drwxrwxr-x  3 boora boora  4096 Jun  9 16:10 public
-rw-rw-r--  1 boora boora  2167 Jun  9 16:10 README.md
drwxrwxr-x  2 boora boora  4096 Jun  9 16:10 scripts
drwxrwxr-x  6 boora boora  4096 Jun  9 16:10 src
-rw-rw-r--  1 boora boora   942 Jun  9 16:10 tsconfig.json
drwxrwxr-x  3 boora boora  4096 Jun  9 16:11 types
(boora@boora)-[~/Desktop/Pipeline-Masters-Strapi/strapi-app]
$
```

Start/Stop Commands

Manage your Strapi project with these commands:

`cd strapi-app`

`npm run develop` # Start in development mode with hot-reload

`npm run build` # Build for production

npm start # Start production build

```
(boora@boora)-[~/Desktop/Pipeline-Masters-Strapi/strapi-app]
$ npm run develop

> strapi-app@0.1.0 develop
> strapi develop

✓ Cleaning dist dir (10ms)
: Loading Strapi: Building build context you have:
: Loading Strapi[INFO] Including the following ENV variables as part of the JS bundle:
  - ADMIN_PATH
  - STRAPI_ADMIN_BACKEND_URL
  - STRAPI_TELEMETRY_DISABLED
✓ Building build context (66ms)
✓ Creating admin (327ms)
✓ Loading Strapi (1246ms)
✓ Generating types (363ms)
✓ Cleaning dist dir (20ms)
✓ Compiling TS (1769ms)

Project information

Time: Mon Jun 09 2025 16:11:16 GMT+0530 (India Standard Time)
Launched in: 3389 ms
Environment: development
Process PID: 73021
Version: 5.15.0 (node v22.16.0)
Edition: Community
Database: sqlite
Database name: .tmp/data.db

Actions available

One more thing...
Create your first administrator by going to the administration panel at:

http://localhost:1337/admin
```