

Getting Started

Resources for getting started developing Polar Edge Analytics locally.

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What Do I Need to Know?

<https://wiki.yetirobotics.org/books/web-development/page/web-development-quickstart>

Discord OAuth

Creating Your Development Setup

This guide discusses setting up the Polar Edge Analytics repository for local development.

Prerequisites

This guide assumes you have the following already set up (TODO: add references on how to get these configured)

- Node.js installed; we recommend using nvm (MacOS/Linux) or fnm (Windows) to manage your Node.js version
- pnpm installed
- Docker Desktop installed

Local Setup

Setting up the Polar Edge Analytics repository requires running a local instance of the database. We currently provide a shell script located at `apps/web/lib/database/scripts/db-start.sh` to do so, with plans to run this script automatically in the future.

If the root directory, run `pnpm install` to install dependencies across the entire repository. We recommend installing the `turbo` CLI globally to make running commands easier. This can be done by running `pnpm i -g turbo`.

For developing the scouting site, only one `.env` file is currently required. For convenience, we provide a `.env.example` file within the `apps/web` directory. Copy the contents of this file into another called `.env.local`.

“ NOTE: this file is currently unavailable, it should be shortly...

Set Up Your .env.local

There are 6 Values that you need to put in your `.env.local` file.

`DATABASE_URL=postgres://postgres:postgres@localhost:5432/polar_edge`

`AUTH_DISCORD_ID= #application id in discord developer portal`

`AUTH_DISCORD_SECRET= #oauth secret in discord developer portal`

`AUTH_SECRET= #generate with openssl rand -base64 32 in terminal`

`TBA_API_KEY= #api key from tba if using tba features`

ADMIN_USERS= #your_discord_user_name_here

To get AUTH_DISCORD_ID and AUTH_DISCORD_SECRET:

- 1.Go to <https://discord.com/developers/applications>
- 2.Click on New Application and Make a New Application
- 3.Go to OAuth2
- 4.Client ID is found under the Client Information Tab, and Reset Secret for Client Secret.

To get AUTH_SECRET, go on terminal and run "openssl rand -base64 32 in terminal".
Make sure to put this in "".

To get TBA_API_KEY, go on <https://www.thebluealliance.com/account> and make a new API Key.

ADMIN_USERS is your discord username.

After .env.local is Set Up

Once dependencies are installed and the `.env.local` files are configured, the development server can be run via:

```
turbo dev # if turbo CLI installed globally  
pnpm run dev # if turbo CLI not installed globally
```